OLEOCON®
HYDRAULIC

TECHNICAL CATALOG
2023

INNOVATION FOR
SUSTAINABILITY

www.oleocon.com.tr

WHAT WE DO

OIL & GAS

Oleocon couplings are used in exploration, extraction, field services (upstream), storage and conveyance (downstream) of crude oil and natural gas.

CONCRETE VEHICLES

Oleocon couplings are present on vehicles hydraulic applications systems, to connect different tools or trailers. Oleocon products are particularly appreciated by body manufacturers for their high performances and for their ability to withstand heavy duty applications.

HYDRAULIC INDUSTRY

Oleocon couplings are present on machineries and systems used for industrial manufacturing and application.

AGRICULTURE

From conventional 'poppet design' profile to flat face and multi couplings, Oleocon couplings are present on agricultural machines and attachments.

EARTH MOVING

Oleocon couplings are suitable for systems and products related with controlling mobile equipment used in off-highway applications. Oleocon products have been successfully proven for years in heavy duty applications and in connect under pressure conditions.

VEHICLES

Oleocon coupling are used on water and water glycol cooling system machineries.

HYDRAULIC EQUIPMENT

Oleocon couplings are suitable for various hydraulic equipment related machines and systems, such as machine tools and automation, measurement and control and for powered hand tools.

CHEMICAL INDUSTRY

Oleocon couplings are used in chemical applications where flow performances associated with non-spill design allows to increase system specifications and to protect the environment.

MULTI-COUPLINGS

01-04

FLAT FACE
ISO 16028

05-22

FLAT FACE SCREW

23-24

POPPET SCREW
ISO 14541

25-42

POPPET TYPE
ISO 7241-A

43-70

POPPET TYPE
ISO 7241-B

71-74

PUSH PULL
ISO 7241-A

75- 78

DUST COVERS

79- 82

2 WAY BALL VALVES

83- 86

3 WAY BALL VALVES

87- 92

STRAIGHT SWIVEL JOINTS

93- 94

ELBOW SWIVEL JOINTS

95- 96

UNIDIRECTONAL FLOW CONTROL VALVES

97- 98

BIDIRECTIONAL FLOW CONTROL VALVES

99- 100

DOUBLE ACTING HAND PUMPS
SUITABLE FOR SINGLE ACTING CYLINDERS

101- 102

SINGLE ACTING HAND PUMPS
SUITABLE FOR SINGLE ACTING CYLINDERS

103- 104

DOUBLE ACTING HAND PUMPS
SUITABLE FOR DOUBLE ACTING CYLINDERS

105- 106

CHECK VALVES

107- 108

HOSE BURST SAFETY VALVES

109- 110

DOUBLE ACTING PILOT OPERATED CHECK VALVES

111- 114

PRESSURE RELIEF VALVES

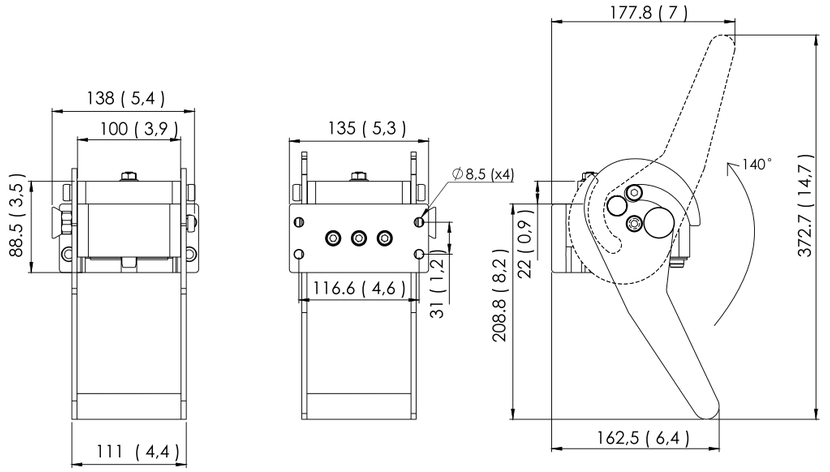
115- 116

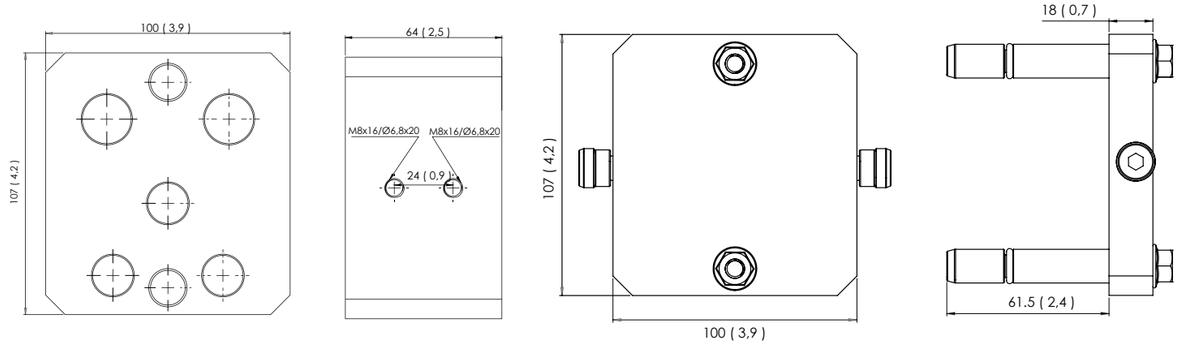
MULTI-COUPLING

V5P

*V5P - C Dust Cap

*V5P - M - CG - D
Parking Station





CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Interchange** — Market
- **Mechanical Connection** — Internal cams and locking pins
- **How to Disconnect** — By rotating the lever after disengaging the locking system
- **Under Residual Pressure** — Connectable with residual pressure in both
- **Avaible Threads** — BSP NPT SAE Metrics
- **Valve Type** — Flat Face
- **Operation Pressure** — Up to 350 bar/5000 psi
- **Working Temperature** — from -20 °C to +100 °C (from -4 °F to +212 °F).

MAIN APPLICATIONS

Earthmoving · Agriculture · Oil&Gas · Industry · Cooling · Vehicles · Hydraulic Equipments

BODY SIZE	DESCRIPTION	COUPLING GENDER	Port	THREAD SIZE(B)
6,3	V5P-F-C-UK	Female	3 x 6.3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3&10	V5P-F-CG-UKUL	Female	3 x 6.3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
10	V5P-F-G-DC	Female	2x10 Couplings	10 Couplings G1/2"
6,3	V5P-F-B-DA	Female	2x6.3 Couplings	6,3 Couplings G1/4"
6,3	V5P-F-B-UK	Female	2x6.3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3&10	V5P-F-AG-UKUL	Female	1x6,3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
6,3&10	V5P-F-BG-UKUL	Female	2x6,3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
6,3&10	V5P-F-CG-DADC	Female	3 x 6.3 Couplings & 2x10 Couplings	6,3 Couplings G1/4" & 10 Couplings G1/2"
6,3	V5P-F-C-LS	Female	3 x 6,3 Couplings	6,3 Couplings M14x1,5(8L)
6,3&10	V5P-F-CG-LSDC	Female	3 x 6.3 Couplings v& 2x10 Couplings	6,3 Couplings M14x1,5(8L) & 10 Couplings G1/2"
6,3	V5P-M-B-UK	Male	2x6,3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3	V5P-M-C-UK	Male	3x6,3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3&10	V5P-M-BG-ULUK	Male	2x6,3 Couplings & 2x10 Couplings	6,3 Couplings 3/4"-16 Unf & 10 Couplings 9/16"-18 Unf
6,3&10	V5P-M-CG-ULUK	Male	3x6,3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
6,3&10	V5P-M-CG-DADB	Male	3x6,3 Couplings & 2x10 Couplings	6,3 Couplings G1/4" & 10 Couplings G1/2"

INFORMATION

- Large range of configuration options to fulfill various customer requests
- Flat face design to reduce contamination of circuits
- Connects under residual pressure
- Mechanical connection eliminates brinneling effect
- Safety lock prevents unwanted disconnection
- Simple to use with a single movement applied by one arm only
- Ease of maintenance and replacement of quick couplings
- Cap and parking station are available
- Possible to integrate hydraulic lines with pneumatic lines, water cooling or electrical connector in the same multiconnection
- Minimizes time to change different attachments
- Eliminates the risk of mismatching the hydraulic connections
- Reduces the assembly space necessary for the hydraulic connections
- Easy to mount on new equipment or retrofit on pre-existing system
- Heater, sensor, indexator key or other devices can be integrated

WARNING

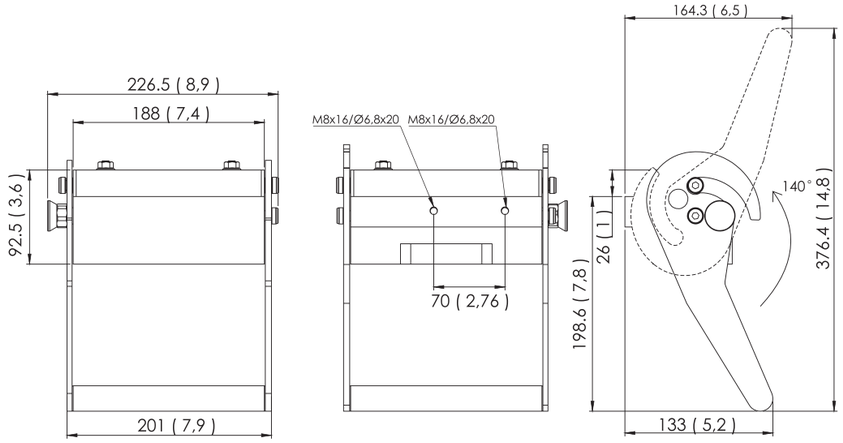
A defect, wrong choice or an improper use of product, can cause injury to persons, animals and objects.
Never connect or disconnect under dynamic pressure (E.g. pump on).
Do not expose the female coupling to high impulse pressure when disconnected.
Do not connnect or disconnect with flow and/or pressure in the circuit.
Do not connnect or disconnect when the temperature inside the circuit is higher than 80 °C (176 °F).
Check the maximum allowable operating pressure of the port in use.
Make sure that the medium used is compatible with the seal and the material of the product, as indicated for each series.
In case of doubt, please contact Oleocon Technical Support Serivce.
It is mandatory to read and follow the instructions.
Last updated version of the Instructions apply at time of installation. Make sure to check the latest Instructions on Oleocon website (oleocon.com.tr) before selecting or using Oleocon products.

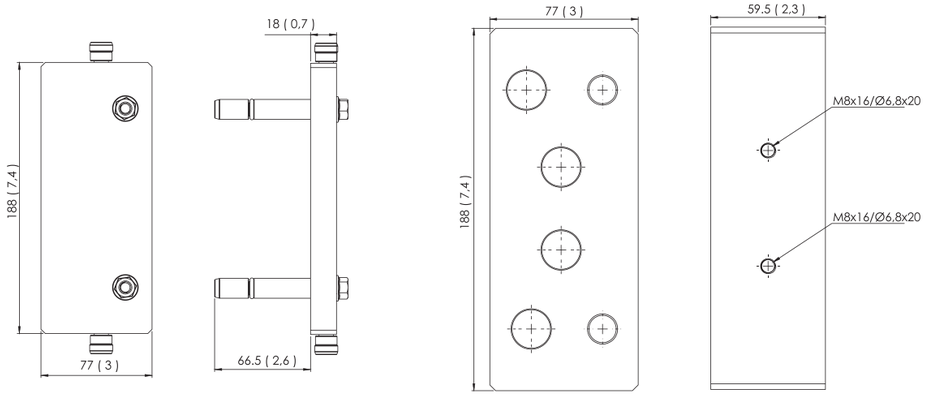
MULTI-COUPLING

H4P

*H4P - C Dust Cap

*H4P - M - I - D
Parking Station





TECHNICAL FEATURES AND OPTIONS

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- **Mechanical Connection** — Internal cams and locking pins
- **How to Disconnect** — By rotating the lever after disengaging the locking system
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MAIN APPLICATIONS

Earthmoving · Agriculture · Oil&Gas · Industry · Cooling · Vehicles · Hydraulic Equipments

BODY SIZE	DESCRIPTION	COUPLING GENDER	Port	THREAD SIZE(B)
10	H4P-F-I-LY	Female	4x10 Couplings	10 Couplings M22x1,5(15L)
10	H4P-F-I-DC	Female	4x10 Couplings	10 Couplings G1/2"
10	H4P-F-I-DB	Female	4x10 Couplings	10 Couplings G3/8"
10	H4P-F-I-PP	Female	4x10 Couplings	10 Couplings 13/16"-16 UN Male
10	H4P-M-I-LY	Male	4x10 Couplings	10 Couplings M22x1,5(15L)
10	H4P-M-I-DC	Male	4x10 Couplings	10 Couplings G1/2"
10	H4P-M-G-LY	Male	2x10 Couplings	10 Couplings M22x1,5(15L)
10	H4P-M-I-UP	Male	4x10 Couplings	10 Couplings 13/16"-16 UN
10	H4P-M-I-DB	Male	4x10 Couplings	10 Couplings G3/8"
10	H4P-M-I-HC	Male	4x10 Couplings	10 Couplings G1/2" Female Swivel Nut

INFORMATION

Large range of configuration options to fulfill various customer requests
Flat face design to reduce contamination of circuits
Connects under residual pressure
Mechanical connection eliminates brinneling effect
Safety lock prevents unwanted disconnection
Simple to use with a single movement applied by one arm only
Ease of maintenance and replacement of quick couplings
Cap and parking station are available
Possible to integrate hydraulic lines with pneumatic lines, water cooling or electrical connector in the same multiconnection
Minimizes time to change different attachments
Eliminates the risk of mismatching the hydraulic connections
Reduces the assembly space necessary for the hydraulic connections
Easy to mount on new equipment or retrofit on pre-existing system
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FLAT FACE - QCF SERIES

BSP

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System +Safety Lock
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — 16028
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Not Allowed, Disconnection: Not Allowed
- **Body Sizes** — ISO 6,3-25
- **Sealing Description** — NBR - FKM
- **Valve Type** — Flat Face

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

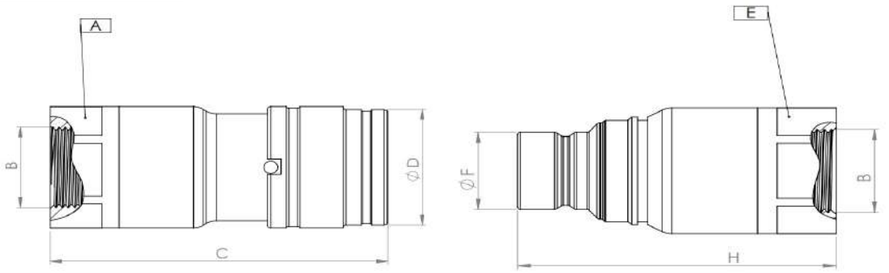
INFORMATION

· Flat face design prevents dirt and dust accumulation in the system.
· Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
· Laminar flow prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.
· Safety lock feature prevents accidental disconnection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-G14	FEMALE	A	26	1,02	1/4	D	28	1,1	C	72	2,83	0,23	0,5
	QCF-6B-G14	MALE	E	26	1,02	1/4	F	16,15	0,64	H	62	2,44	0,15	0,33
10	QCF-10A-G38	FEMALE	A	30	1,18	3/8	D	32	1,25	C	84	3,30	0,37	0,81
	QCF-10B-G38	MALE	E	30	1,18	3/8	F	19,7	0,77	H	74	2,91	0,24	0,52
	QCF-10A-G12	FEMALE	A	30	1,18	1/2	D	32	1,25	C	83	3,26	0,35	0,77
	QCF-10B-G12	MALE	E	30	1,18	1/2	F	19,7	0,77	H	73	2,87	0,22	0,48
12,5	QCF-12A-G38	FEMALE	A	36	1,41	3/8	D	38	1,49	C	99	3,9	0,64	1,41
	QCF-12B-G38	MALE	E	36	1,41	3/8	F	24,5	0,96	H	82	3,23	0,41	0,9
	QCF-12A-G12	FEMALE	A	36	1,41	1/2	D	38	1,49	C	99	3,89	0,63	1,38
	QCF-12B-G12	MALE	E	36	1,41	1/2	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-G34	FEMALE	A	36	1,41	3/4	D	38	1,49	C	98	3,85	0,59	1,27
	QCF-12B-G34	MALE	E	36	1,41	3/4	F	24,5	0,96	H	81	3,18	0,35	0,77
19	QCF-19A-G34	FEMALE	A	41	1,61	3/4	D	46,1	1,81	C	116	4,56	0,98	2,15
	QCF-19B-G34	MALE	E	41	1,61	3/4	F	29,9	1,17	H	97	3,81	0,58	1,27
	QCF-19A-G1	FEMALE	A	41	1,61	1	D	46,1	1,81	C	115	4,52	0,92	2,02
	QCF-19B-G1	MALE	E	41	1,61	1	F	29,9	1,17	H	96	3,77	0,52	1,14
25	QCF-25A-G1	FEMALE	A	50	1,96	1	D	55	2,16	C	123	4,84	1,48	3,25
	QCF-25B-G1	MALE	E	50	1,96	1	F	36	1,41	H	106	4,17	0,89	1,95
	QCF-25A-G114	FEMALE	A	55	2,16	1 1/4	D	55	2,16	C	121	4,76	1,37	3,01
	QCF-25B-G114	MALE	E	55	2,16	1 1/4	F	36	1,41	H	104	4,09	0,78	1,71

ISO 1179-1 BSPP

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM	ml	N	lbf	N	lbf
6	100	12	2,64	0,02	140	31,5	40	9
10	100	23	5,06	0,035	170	38,2	40	8,98
12,5	100	45	9,91	0,07	190	42,69	50	11,23
19	100	100	22,02	0,15	220	49,43	70	15,73
25	100	189	41,62	0,25	250	56,17	80	17,97

FLAT FACE - QCF SERIES

NPT

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System +Safety Lock
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — 16028
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Not Allowed, Disconnection: Not Allowed
- **Body Sizes** — ISO 6,3-25
- **Sealing Description** — NBR - FKM
- **Valve Type** — Flat Face

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Flat face design prevents dirt and dust accumulation in the system.
· Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
· Laminar flow prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.
· Safety lock feature prevents accidental disconnection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
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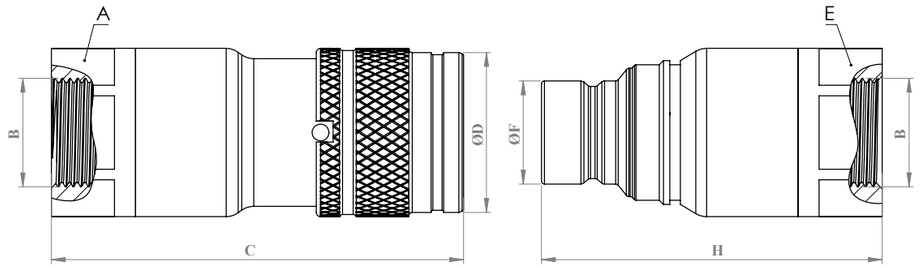
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	PRODUCT CODE	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-NPT14	FEMALE	A	26	1,02	1/4	D	28	1,1	C	72	2,83	0,23	0,5
	QCF-6B-NPT14	MALE	E	26	1,02	1/4	F	16,15	0,64	H	62	2,44	0,15	0,33
10	QCF-10A-NPT38	FEMALE	A	30	1,18	3/8	D	32	1,25	C	84	3,30	0,37	0,81
	QCF-10B-NPT38	MALE	E	30	1,18	3/8	F	19,7	0,77	H	74	2,91	0,24	0,52
	QCF-10A-NPT12	FEMALE	A	30	1,18	1/2	D	32	1,25	C	83	3,26	0,35	0,77
	QCF-10B-NPT12	MALE	E	30	1,18	1/2	F	19,7	0,77	H	73	2,87	0,22	0,48
12,5	QCF-12A-NPT12	FEMALE	A	36	1,41	1/2	D	38	1,49	C	99	3,89	0,63	1,38
	QCF-12B-NPT12	MALE	E	36	1,41	1/2	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-NPT34	FEMALE	A	36	1,41	3/4	D	38	1,49	C	98	3,85	0,59	1,27
	QCF-12B-NPT34	MALE	E	36	1,41	3/4	F	24,5	0,96	H	81	3,18	0,35	0,77
19	QCF-19A-NPT34	FEMALE	A	41	1,61	3/4	D	46,1	1,81	C	116	4,56	0,98	2,15
	QCF-19B-NPT34	MALE	E	41	1,61	3/4	F	29,9	1,17	H	97	3,81	0,58	1,27
	QCF-19A-NPT1	FEMALE	A	41	1,61	1	D	46,1	1,81	C	115	4,52	0,92	2,02
	QCF-19B-NPT1	MALE	E	41	1,61	1	F	29,9	1,17	H	96	3,77	0,52	1,14
25	QCF-25A-NPT1	FEMALE	A	50	1,96	1	D	55	2,16	C	123	4,84	1,48	3,25
	QCF-25B-NPT1	MALE	E	50	1,96	1	F	36	1,41	H	106	4,17	0,89	1,95
	QCF-25A-NPT114	FEMALE	A	55	2,16	1 1/4	D	55	2,16	C	121	4,76	1,37	3,01
	QCF-25B-NPT114	MALE	E	55	2,16	1 1/4	F	36	1,41	H	104	4,09	0,78	1,71

ASME.B1.20.1.NPT

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

UNF

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System
+Safety Lock

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
16028

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: Not Allowed
Disconnection: Not Allowed

Body Sizes
ISO 6,3-25

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

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· Safety lock feature prevents accidental disconnection.

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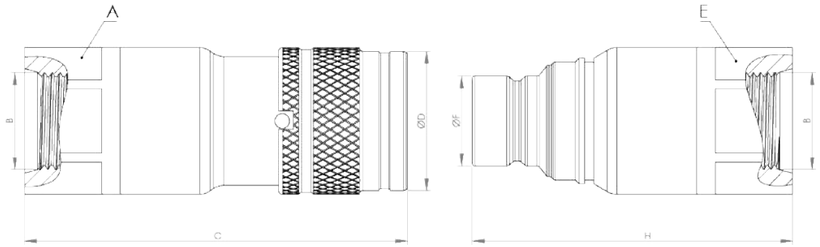
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-SAE4	FEMALE	A	26	1,02	7/16 UNF	D	28	1,1	C	73	2,87	0,24	0,53
	QCF-6B-SAE4	MALE	E	26	1,02	7/16 UNF	F	16,15	0,64	H	63	2,48	0,16	0,35
10	QCF-10A-SAE6	FEMALE	A	30	1,18	9/16 UNF	D	32	1,25	C	84	3,30	0.4	0,88
	QCF-10B-SAE6	MALE	E	30	1,18	9/16 UNF	F	19,7	0,77	H	74	2,91	0,25	0,55
	QCF-10A-SAE8	FEMALE	A	30	1,18	3/4UNF	D	32	1,25	C	83	3,26	0,41	0,902
	QCF-10B-SAE8	MALE	E	30	1,18	3/4 UNF	F	19,7	0,77	H	73	2,87	0,26	0,572
12,5	QCF-12A-SAE8	FEMALE	A	36	1,41	3/4 UNF	D	38	1,49	C	99	3,89	0,65	1,43
	QCF-12B-SAE8	MALE	E	36	1,41	3/4 UNF	F	24,5	0,96	H	82	3,22	0,42	0,924
	QCF-12A-SAE12	FEMALE	A	36	1,41	1 1/16 UN	D	38	1,49	C	98	3,85	0,63	1,386
	QCF-12B-SAE12	MALE	E	36	1,41	1 1/16 UN	F	24,5	0,96	H	81	3,18	0,39	0,858
19	QCF-19A-SAE12	FEMALE	A	41	1,61	1 1/16 UN	D	46,1	1,81	C	116	4,56	0,99	2,178
	QCF-19B-SAE12	MALE	E	41	1,61	1 1/16 UN	F	29,9	1,17	H	97	3,81	0,6	1,32
25	QCF-25A-SAE16	FEMALE	A	50	1,96	1 5/16 UN	D	55	2,16	C	123	4,84	1,52	3,344
	QCF-25B-SAE16	MALE	E	50	1,96	1 5/16 UN	F	36	1,41	H	106	4,17	0,92	2,024
	QCF-25A-SAE20	FEMALE	A	55	2,16	1 5/8 UN	D	55	2,16	C	121	4,76	1,42	3,124
	QCF-25B-SAE20	MALE	E	55	2,16	1 5/8 UN	F	36	1,41	H	104	4,09	0,82	1,804

ISO 11926-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

BSP MALE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System
+Safety Lock

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
16028

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: Not Allowed
Disconnection: Not Allowed

Body Sizes
ISO 6.3-25

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

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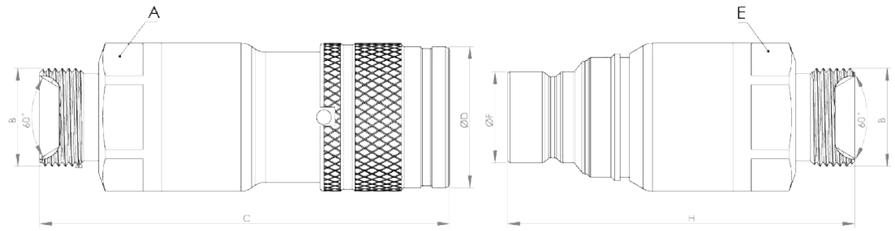

BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-G14M	FEMALE	A	26	1,02	1/4	D	28	1,1	C	83	3,27	0,25	0,55
	QCF-6B-G14M	MALE	E	26	1,02	1/4	F	16,15	0,64	H	73	2,87	0,17	0,37
10	QCF-10A-G38M	FEMALE	A	30	1,18	3/8	D	32	1,25	C	84	3,30	0,39	0,858
	QCF-10B-G38M	MALE	E	30	1,18	3/8	F	19,7	0,77	H	74	2,91	0,25	0,55
	QCF-10A-G12M	FEMALE	A	30	1,18	1/2	D	32	1,25	C	83	3,26	0,4	0,88
	QCF-10B-G12M	MALE	E	30	1,18	1/2	F	19,7	0,77	H	73	2,87	0,26	0,572
12,5	QCF-12A-G12M	FEMALE	A	36	1,41	1/2	D	38	1,49	C	99	3,89	0,64	1,408
	QCF-12B-G12M	MALE	E	36	1,41	1/2	F	24,5	0,96	H	82	3,22	0,41	0,902
	QCF-12A-G34M	FEMALE	A	36	1,41	3/4	D	38	1,49	C	98	3,85	0,64	1,408
	QCF-12B-G34M	MALE	E	36	1,41	3/4	F	24,5	0,96	H	81	3,18	0,41	0,902
19	QCF-19A-G34M	FEMALE	A	41	1,61	3/4	D	46,1	1,81	C	116	4,56	0,98	2,156
	QCF-19B-G34M	MALE	E	41	1,61	3/4	F	29,9	1,17	H	97	3,81	0,6	1,32
	QCF-19A-G1M	FEMALE	A	41	1,61	1	D	46,1	1,81	C	115	4,52	0,99	2,178
	QCF-19B-G1M	MALE	E	41	1,61	1	F	29,9	1,17	H	96	3,77	0,61	1,342
25	QCF-25A-G1M	FEMALE	A	50	1,96	1	D	55	2,16	C	123	4,84	1,64	3,608
	QCF-25B-G1M	MALE	E	50	1,96	1	F	36	1,41	H	106	4,17	0,96	2,112
	QCF-25A-G114M	FEMALE	A	55	2,16	1 1/4	D	55	2,16	C	121	4,76	1,55	3,41
	QCF-25B-G114M	MALE	E	55	2,16	1 1/4	F	36	1,41	H	104	4,09	0,97	2,134

ISO 8434-6

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (L)

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System
+Safety Lock

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
16028

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: Not Allowed
Disconnection: Not Allowed

Body Sizes
ISO 6,3-25

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

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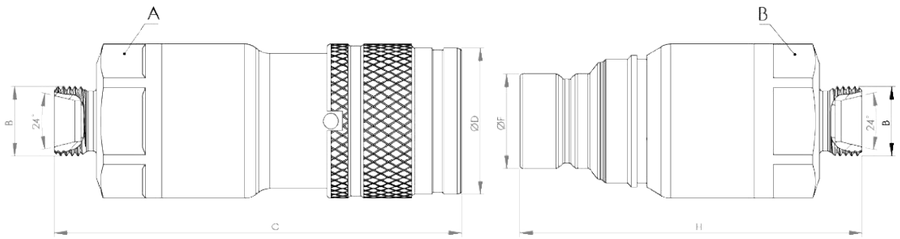

BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8L	FEMALE	A	26	1,02	M14*1,5	D	28	1,1	C	82	3,22	0,24	0,53
	QCF-6B-8L	MALE	E	26	1,02	M14*1,5	F	16,15	0,64	H	72	2,83	0,16	0,35
	QCF-6A-10L	FEMALE	A	26	1,02	M16*1,5	D	28	1,1	C	83	3,27	0,24	0,53
	QCF-6B-10L	MALE	E	26	1,02	M16*1,5	F	16,15	0,64	H	73	2,87	0,16	0,35
10	QCF-10A-10L	FEMALE	A	30	1,18	M16*1,5	D	32	1,25	C	84	3,30	0,38	0,84
	QCF-10B-10L	MALE	E	30	1,18	M16*1,5	F	19,7	0,77	H	74	2,91	0,24	0,53
	QCF-10A-12L	FEMALE	A	30	1,18	M18*1,5	D	32	1,25	C	83	3,26	0,38	0,84
	QCF-10B-12L	MALE	E	30	1,18	M18*1,5	F	19,7	0,77	H	73	2,87	0,24	0,53
	QCF-10A-15L	FEMALE	A	30	1,18	M22*1,5	D	32	1,25	C	83	3,26	0,39	0,86
	QCF-10B-15L	MALE	E	30	1,18	M22*1,5	F	19,7	0,77	H	73	2,87	0,25	0,55
12,5	QCF-12A-12L	FEMALE	A	36	1,41	M18*1,5	D	38	1,49	C	99	3,89	0,63	1,39
	QCF-12B-12	MALE	E	36	1,41	M18*1,5	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-15L	FEMALE	A	36	1,41	M22*1,5	D	38	1,49	C	98	3,85	0,63	1,39
	QCF-12B-15L	MALE	E	36	1,41	M22*1,5	F	24,5	0,96	H	81	3,18	0,4	0,88
	QCF-12A-18L	FEMALE	A	36	1,41	M26*1,5	D	38	1,49	C	98	3,85	0,63	1,39
	QCF-12B-18L	MALE	E	36	1,41	M26*1,5	F	24,5	0,96	H	81	3,18	0,4	0,88
19	QCF-19A-18L	FEMALE	A	41	1,61	M26*1,5	D	46,1	1,81	C	116	4,56	0,98	2,16
	QCF-19B-18L	MALE	E	41	1,61	M26*1,5	F	29,9	1,17	H	97	3,81	0,6	1,32
	QCF-19A-22L	FEMALE	A	41	1,61	M30*2	D	46,1	1,81	C	115	4,52	0,97	2,13
	QCF-19B-22L	MALE	E	41	1,61	M30*2	F	29,9	1,17	H	96	3,77	0,59	1,30
25	QCF-25A-28L	FEMALE	A	50	1,96	M36*2	D	55	2,16	C	123	4,84	1,5	3,30
	QCF-25B-28L	MALE	E	50	1,96	M36*2	F	36	1,41	H	106	4,17	0,92	2,02

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (S)

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System
+Safety Lock

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
16028

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: Not Allowed
Disconnection: Not Allowed

Body Sizes
ISO 6,3-25

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

INFORMATION

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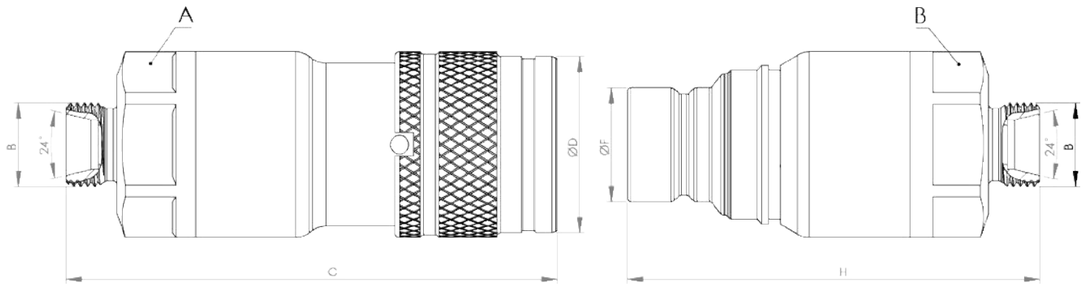

BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8S	FEMALE	A	26	1,02	M16*1,5	D	28	1,1	C	84	3,3	0,25	0,55
	QCF-6B-8S	MALE	E	26	1,02	M16*1,5	F	16,15	0,64	H	74	2,91	0,17	0,37
10	QCF-10A-12S	FEMALE	A	30	1,18	M20*1,5	D	32	1,25	C	84	3,30	0,39	0,86
	QCF-10B-12S	MALE	E	30	1,18	M20*1,5	F	19,7	0,77	H	74	2,91	0,25	0,55
12,5	QCF-12A-16S	FEMALE	A	36	1,41	M24*1,5	D	38	1,49	C	99	3,89	0,64	1,41
	QCF-12B-16S	MALE	E	36	1,41	M24*1,5	F	24,5	0,96	H	82	3,22	0,4	0,88
19	QCF-19A-20S	FEMALE	A	41	1,61	M30*2	D	46,1	1,81	C	116	4,56	0,99	2,18
	QCF-19B-20S	MALE	E	41	1,61	M30*2	F	29,9	1,17	H	97	3,81	0,61	1,34
25	QCF-25A-25S	FEMALE	A	50	1,96	M36*2	D	55	2,16	C	123	4,84	1,58	3,48
	QCF-25B-25S	MALE	E	50	1,96	M36*2	F	36	1,41	H	106	4,17	0,99	2,18

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (L) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System
+Safety Lock

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
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Interchange
16028

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: Not Allowed
Disconnection: Not Allowed

Body Sizes
ISO 6.3-25

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

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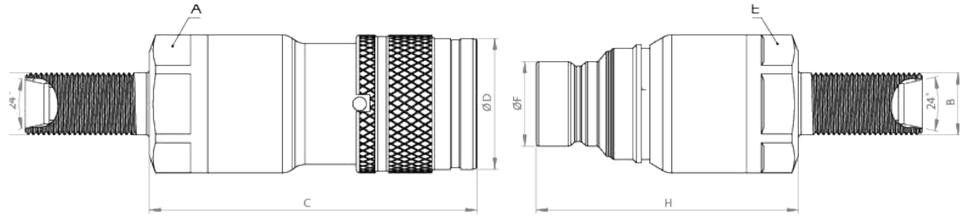


BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8L-BH	FEMALE	A	26	1,02	M14*1,5	D	28	1,1	C	106	4,17	0,27	0,59
	QCF-6B-8L-BH	MALE	E	26	1,02	M14*1,5	F	16,15	0,64	H	96	3,78	0,19	0,42
	QCF-6A-10L-BH	FEMALE	A	26	1,02	M16*1,5	D	28	1,1	C	107	4,21	0,27	0,59
	QCF-6B-10L-BH	MALE	E	26	1,02	M16*1,5	F	16,15	0,64	H	97	3,82	0,19	0,42
10	QCF-10A-10L-BH	FEMALE	A	30	1,18	M16*1,5	D	32	1,25	C	84	3,30	0,41	0,902
	QCF-10B-10L-BH	MALE	E	30	1,18	M16*1,5	F	19,7	0,77	H	74	2,91	0,27	0,594
	QCF-10A-12L-BH	FEMALE	A	30	1,18	M18*1,5	D	32	1,25	C	83	3,26	0,41	0,902
	QCF-10B-12L-BH	MALE	E	30	1,18	M18*1,5	F	19,7	0,77	H	73	2,87	0,27	0,594
	QCF-10A-15L-BH	FEMALE	A	30	1,18	M22*1,5	D	32	1,25	C	83	3,26	0,44	0,968
	QCF-10B-15L-BH	MALE	E	30	1,18	M22*1,5	F	19,7	0,77	H	73	2,87	0,29	0,638
12,5	QCF-12A-12L-BH	FEMALE	A	36	1,41	M18*1,5	D	38	1,49	C	99	3,89	0,66	1,452
	QCF-12B-12 BH	MALE	E	36	1,41	M18*1,5	F	24,5	0,96	H	82	3,22	0,43	0,946
	QCF-12A-15L-BH	FEMALE	A	36	1,41	M22*1,5	D	38	1,49	C	98	3,85	0,68	1,496
	QCF-12B-15L-BH	MALE	E	36	1,41	M22*1,5	F	24,5	0,96	H	81	3,18	0,45	0,99
	QCF-12A-18L-BH	FEMALE	A	36	1,41	M26*1,5	D	38	1,49	C	98	3,85	0,7	1,54
	QCF-12B-18L-BH	MALE	E	36	1,41	M26*1,5	F	24,5	0,96	H	81	3,18	0,47	1,034
19	QCF-19A-18L-BH	FEMALE	A	41	1,61	M26*1,5	D	46,1	1,81	C	116	4,56	1,05	2,31
	QCF-19B-18L-BH	MALE	E	41	1,61	M26*1,5	F	29,9	1,17	H	97	3,81	0,67	1,474
	QCF-19A-22L-BH	FEMALE	A	41	1,61	M30*2	D	46,1	1,81	C	115	4,52	1,06	2,332
	QCF-19B-22L-BH	MALE	E	41	1,61	M30*2	F	29,9	1,17	H	96	3,77	0,68	1,496
25	QCF-25A-28L-BH	FEMALE	A	50	1,96	M36*2	D	55	2,16	C	123	4,84	1,63	3,586
	QCF-25B-28L-BH	MALE	E	50	1,96	M36*2	F	36	1,41	H	106	4,17	1,04	2,288

ISO8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (S) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System
+Safety Lock

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
16028

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: Not Allowed
Disconnection: Not Allowed

Body Sizes
ISO 6,3-25

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

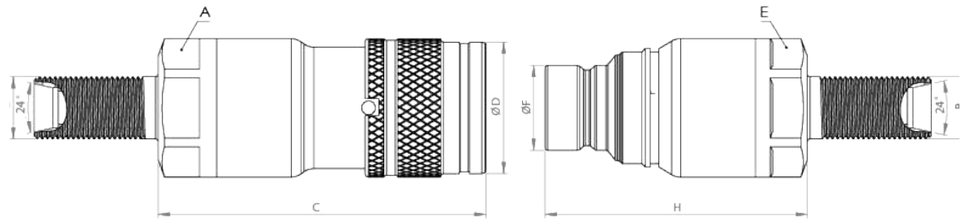
INFORMATION

· Flat face design prevents dirt and dust accumulation in the system.
· Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
· Laminar flow prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.
· Safety lock feature prevents accidental disconnection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8S-BH	FEMALE	A	26	1,02	M16*1,5	D	28	1,1	C	108	4,25	0,28	0,62
	QCF-6B-8S-BH	MALE	E	26	1,02	M16*1,5	F	16,15	0,64	H	98	3,86	0,2	0,44
10	QCF-10A-12S-BH	FEMALE	A	30	1,18	M20*1,5	D	32	1,25	C	84	3,30	0.44	0,968
	QCF-10B-12S-BH	MALE	E	30	1,18	M20*1,5	F	19,7	0,77	H	74	2,91	0,3	0,66
12,5	QCF-12A-16S-BH	FEMALE	A	36	1,41	M24*1,5	D	38	1,49	C	99	3,89	0,7	1,54
	QCF-12B-16S-BH	MALE	E	36	1,41	M24*1,5	F	24,5	0,96	H	82	3,22	0,47	1,034
19	QCF-19A-20S-BH	FEMALE	A	41	1,61	M30*2	D	46,1	1,81	C	116	4,56	1,09	2,398
	QCF-19B-20S-BH	MALE	E	41	1,61	M30*2	F	29,9	1,17	H	97	3,81	0,7	1,54
25	QCF-25A-25S-BH	FEMALE	A	50	1,96	M36*2	D	55	2,16	C	123	4,84	1,72	3,784
	QCF-25B-25S-BH	MALE	E	50	1,96	M36*2	F	36	1,41	H	106	4,17	1,12	2,464

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

UNF MALE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System +Safety Lock
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — 16028
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Not Allowed, Disconnection: Not Allowed
- **Body Sizes** — ISO 6,3-25
- **Sealing Description** — NBR - FKM
- **Valve Type** — Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

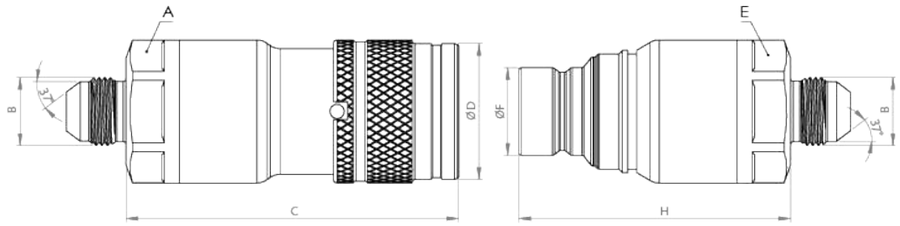
INFORMATION

· Flat face design prevents dirt and dust accumulation in the system.
· Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
· Laminar flow prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.
· Safety lock feature prevents accidental disconnection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-MSAE6	FEMALE	A	26	1,02	9/16-18 UNF	D	28	1,1	C	86,1	3,39	0,24	0,53
	QCF-6B-MSAE6	MALE	E	26	1,02	9/16-18 UNF	F	16,15	0,64	H	76,1	3	0,16	0,35
10	QCF-10A-MSAE6	FEMALE	A	30	1,18	9/16-18 UNF	D	32	1,25	C	84	3,30	0,39	0,858
	QCF-10B-MSAE6	MALE	E	30	1,18	9/16-18 UNF	F	19,7	0,77	H	74	2,91	0,24	0,528
	QCF-10A-MSAE8	FEMALE	A	30	1,18	3/4 -16 UNF	D	32	1,25	C	83	3,26	0,4	0,88
	QCF-10B-MSAE8	MALE	E	30	1,18	3/4 -16 UNF	F	19,7	0,77	H	73	2,87	0,25	0,55
	QCF-10A-MSAE10	FEMALE	A	30	1,18	7/8-14 UNF	D	32	1,25	C	83	3,26	0,4	0,88
	QCF-10B-MSAE10	MALE	E	30	1,18	7/8-14 UNF	F	19,7	0,77	H	73	2,87	0,26	0,572
12,5	QCF-12A-MSAE8	FEMALE	A	36	1,41	3/4 -16 UNF	D	38	1,49	C	99	3,89	0,63	1,386
	QCF-12B-MSAE8	MALE	E	36	1,41	3/4-16UNF	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-MSAE10	FEMALE	A	36	1,41	7/8-14UNF	D	38	1,49	C	98	3,85	0,64	1,408
	QCF-12B-MSAE10	MALE	E	36	1,41	7/8-14 UNF	F	24,5	0,96	H	81	3,18	0,41	0,902
19	QCF-19A-MSAE12	FEMALE	A	41	1,61	1 1/16 -12UN	D	46,1	1,81	C	116	4,56	1	2,2
	QCF-19B-MSAE12	MALE	E	41	1,61	1 1/16-12 UN	F	29,9	1,17	H	97	3,81	0,62	1,364
25	QCF-25A-MSAE16	FEMALE	A	50	1,96	1 5/16-12UN	D	55	2,16	C	123	4,84	1,56	3,432
	QCF-25B-MSAE16	MALE	E	50	1,96	1 5/16-12UN	F	36	1,41	H	106	4,17	0,98	2,156

ISO8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE SCREW - APA SERIES

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Screw to Connect

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel

Working Temperature
-20 °C / +90 °C

Interchange
Oleocon

How to Connect
Screw

Operating Pressure
Up to 350 Bar

Available Threads
BSP

Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed

Available Sizes
From 1" to 1-1/4"

Sealing Description
NBR - FKM

Valve Type
Flat Face

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

INFORMATION

· Connection under residual pressure is allowed on both sides.
· Disconnection under residual pressure is allowed.
· Flat face design prevents dirt and dust accumulation in the system.
· Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
· Laminar flow prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
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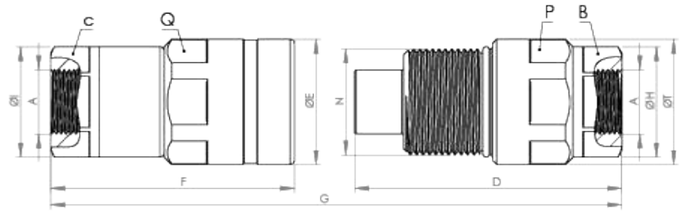
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRPTION	CAUPLING GENDER	N	HEX			HEX			THREAD SIZE (A)	DIAMETER			LENGHT			OVERALL LENGHT			WEIGHT	
					mm	inch		mm	inch			mm	inch		mm	inch		mm	inch	Kg	Lbs
19	APA-19A-G1	FEMALE	M50x3	C	46	1,81	Q	55	2,17	1"	E	59	2,33	F	115	4,54	G	218	8,62	0,413	0,909
	APA-19B-G1	MALE		B	46	1,81	P	55	2,17	1"	T	59	2,33	D	126	4,98				0,665	1,463
25	APA-25A-G114	FEMALE	M58x3	C	55	2,17	Q	65	2,57	1-1/4"	E	70	2,77	F	123	4,86	G	234,5	9,27	0,524	1,153
	APA-25B-G114	MALE		B	55	2,17	P	65	2,57	1-1/4"	T	70	2,77	D	135	5,33				0,974	2,143

BSPP ISO 1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	-	-	-	-	-	-	-	-	-	-	-	-
19	35	5076	35	5076	35	5076	100	14500	100	14500	100	14500
25	30	4350	30	4350	30	4350	80	11600	80	11600	80	11600

BODY SIZE	RATED FLOW		
	PRES.DROP (kPa)	L/MIN	GPM
19	200	-	-
25	200	-	-

POPPET SCREW - QC - STC SERIES

BSP

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Connection under residual pressure is allowed on both sides.
· Disconnection under residual pressure is allowed.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

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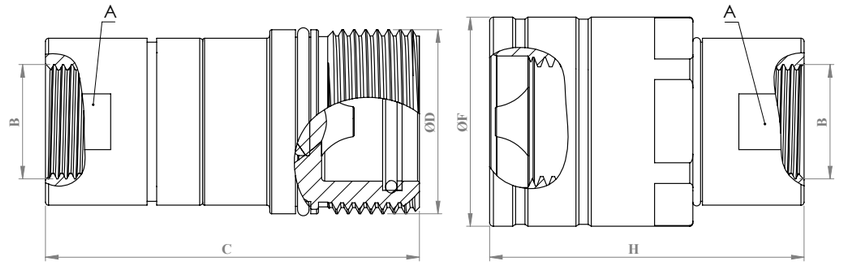
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-G14	FEMALE	BSP	A	17	0,66	1/4 ''	D	M24*2	-	C	61,7	2,42	0,22	0,28
	QC-STC-6B-G14	MALE	BSP	E	30	1,18	1/4''	F	34	-	H	59	2,32	0,13	0,48
10	QC-STC-10A-G38	FEMALE	BSP	A	22	0,86	3/8''	D	M28*2	-	C	62,9	2,47	0,2	0,37
	QC-STC-10B-G38	MALE	BSP	E	30	1,18	3/8''	F	34	-	H	60,5	2,38	0,17	0,48
12,5	QC-STC-12A-G12	FEMALE	BSP	A	27	1,06	1/2''	D	M36*2	-	C	69	2,71	0,31	0,66
	QC-STC-12B-G12	MALE	BSP	E	36	1,41	1/2''	F	42,1	-	H	63,8	2,51	0,3	0,66
19	QC-STC-20A-G34	FEMALE	BSP	A	32	1,25	3/4''	D	M42*2	-	C	85,5	3,36	0,48	1,05
	QC-STC-20B-G34	MALE	BSP	E	41	1,61	3/4''	F	48,5	-	H	76	2,99	0,46	1,01
25	QC-STC-25A-G1	FEMALE	BSP	A	41	1,61	1''	D	M48*3	-	C	97,5	3,83	0,69	1,51
	QC-STC-25B-G1	MALE	BSP	E	50	1,96	1''	F	54,5	-	H	82	3,22	0,66	1,45

ISO 1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM	ml	N	lbf	N	lbf
6	250	12	2,64	0,8	1	0,74	0,5	0,37
10	200	23	5,06	1,4	1	0,74	0,5	0,37
12,5	150	45	9,91	2,7	1,5	1,11	1,2	0,88
19	220	106	23,34	9,3	2,5	1,84	2,2	1,62
25	270	189	41,62	15	3	2,22	2,5	1,84

POPPET SCREW - QC - STC SERIES

NPT

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Connection under residual pressure is allowed on both sides.
· Disconnection under residual pressure is allowed.
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· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
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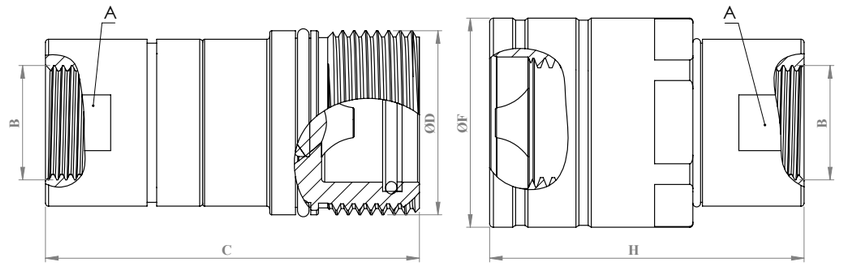
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-NPT14	FEMALE	BSP	A	17	0,66	1/4 "	D	M24*2	-	C	61,7	2,42	0,14	0,308
	QC-STC-6B-NPT14	MALE	BSP	E	30	1,18	1/4"	F	34	-	H	59	2,32	0,23	0,48
10	QC-STC-10A-NPT38	FEMALE	BSP	A	22	0,86	3/8"	D	M28*2	-	C	62,9	2,47	0,18	0,37
	QC-STC-10B-NPT38	MALE	BSP	E	30	1,18	3/8"	F	34	-	H	60,5	2,38	0,23	0,48
12,5	QC-STC-12A-NPT12	FEMALE	BSP	A	27	1,06	1/2"	D	M36*2	-	C	69	2,71	0,32	0,66
	QC-STC-12B-NPT12	MALE	BSP	E	36	1,41	1/2"	F	42,1	-	H	63,8	2,51	0,31	0,66
19	QC-STC-20A-NPT34	FEMALE	BSP	A	32	1,25	3/4"	D	M42*2	-	C	85,5	3,36	0,49	1,05
	QC-STC-20B-NPT34	MALE	BSP	E	41	1,61	3/4"	F	48,5	-	H	76	2,99	0,47	1,01
25	QC-STC-25A-NPT1	FEMALE	BSP	A	41	1,61	1"	D	M48*3	-	C	97,5	3,83	0,72	1,51
	QC-STC-25B-NPT1	MALE	BSP	E	50	1,96	1"	F	54,5	-	H	82	3,22	0,68	1,45

ASME.B1.20.1.NPT

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - QC - STC SERIES

UNF

CLICK HERE
FOR 3D SECTION

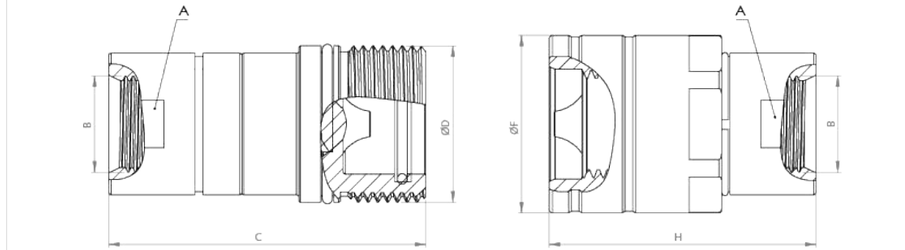
TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-SAE4	FEMALE	BSP	A	17	0,66	7/16 UNF	D	M24*2	-	C	61,7	2,42	0,12	0,264
	QC-STC-6B-SAE4	MALE	BSP	E	30	1,18	7/16 UNF	F	34	-	H	59	2,32	0,21	0,462
10	QC-STC-10A-SAE6	FEMALE	BSP	A	22	0,86	9/16 UNF	D	M28*2	-	C	62,9	2,47	0,16	0,352
	QC-STC-10B-SAE6	MALE	BSP	E	30	1,18	9/16 UNF	F	34	-	H	60,5	2,38	0,21	0,462
12,5	QC-STC-12A-SAE8	FEMALE	BSP	A	27	1,06	3/4 UNF	D	M36*2	-	C	69	2,71	0,31	0,682
	QC-STC-12B-SAE8	MALE	BSP	E	36	1,41	3/4 UNF	F	42,1	-	H	63,8	2,51	0,31	0,682
19	QC-STC-20A-SAE12	FEMALE	BSP	A	32	1,25	1 1/16 UN	D	M42*2	-	C	85,5	3,36	0,49	1,078
	QC-STC-20B-SAE12	MALE	BSP	E	41	1,61	1 1/16 UN	F	48,5	-	H	76	2,99	0,47	1,034
25	QC-STC-25A-SAE16	FEMALE	BSP	A	41	1,61	1 5/16 UN	D	M48*3	-	C	97,5	3,83	0,71	1,562
	QC-STC-25B-SAE16	MALE	BSP	E	50	1,96	1 5/16 UN	F	54,5	-	H	82	3,22	0,68	1,496

ISO 11926-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

INFORMATION

· Connection under residual pressure is allowed on both sides.
· Disconnection under residual pressure is allowed.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
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POPPET SCREW - QC - STC SERIES

BSP MALE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · **EARTH MOVING** · **HYDRAULIC EQUIPMENT** · CONCRETE VEHICLES · **VEHICLES** · CHEMICAL INDUSTRY

INFORMATION

· Connection under residual pressure is allowed on both sides.
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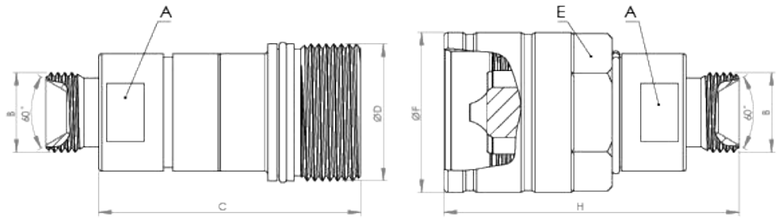
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-MG14	FEMALE	BSP	A	17	0,66	1/4 "	D	M24*2	-	C	61,7	2,42	0,23	0,506
	QC-STC-6B-MG14	MALE	BSP	E	30	1,18	1/4"	F	34	-	H	59	2,32	0,15	0,33
10	QC-STC-10A-MG38	FEMALE	BSP	A	22	0,86	3/8"	D	M28*2	-	C	62,9	2,47	0,23	0,506
	QC-STC-10B-MG38	MALE	BSP	E	30	1,18	3/8"	F	34	-	H	60,5	2,38	0,2	0,44
12,5	QC-STC-12A-MG12	FEMALE	BSP	A	27	1,06	1/2"	D	M36*2	-	C	69	2,71	0,36	0,792
	QC-STC-12B-MG12	MALE	BSP	E	36	1,41	1/2"	F	42,1	-	H	63,8	2,51	0,35	0,77
19	QC-STC-20A-MG34	FEMALE	BSP	A	32	1,25	3/4"	D	M42*2	-	C	85,5	3,36	0,55	1,21
	QC-STC-20B-MG34	MALE	BSP	E	41	1,61	3/4"	F	48,5	-	H	76	2,99	0,53	1,166
25	QC-STC-25A-MG1	FEMALE	BSP	A	41	1,61	1"	D	M48*3	-	C	97,5	3,83	0,78	1,716
	QC-STC-25B-MG1	MALE	BSP	E	50	1,96	1"	F	54,5	-	H	82	3,22	0,81	1,782

ISO-8434-6

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - QC - STC SERIES

METRIC (L)

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

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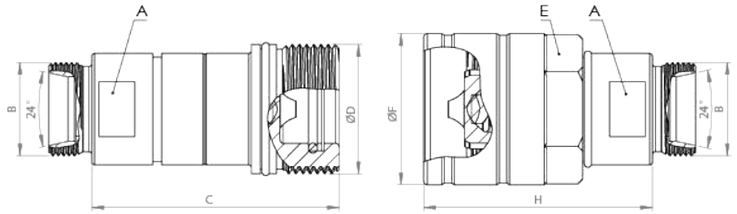
TECHNICAL DRAWING



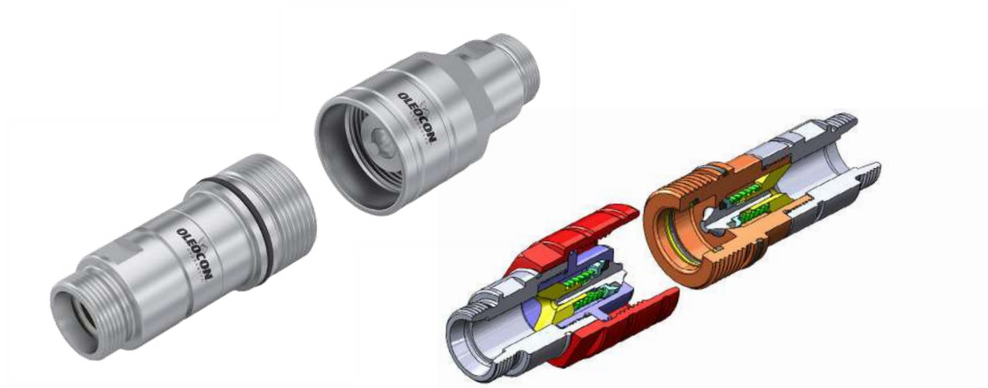
BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-M6L	FEMALE	BSP	A	17	0,66	M12*1,5	D	M24*2	-	C	61,7	2,42	0,24	0,528
	QC-STC-6B-M6L	MALE	BSP	E	30	1,18	M12*1,5	F	34	-	H	59	2,32	0,15	0,33
10	QC-STC-10A-M8L	FEMALE	BSP	A	22	0,86	M14*1,5	D	M28*2	-	C	62,9	2,47	0,22	0,484
	QC-STC-10B-M8L	MALE	BSP	E	30	1,18	M14*1,5	F	34	-	H	60,5	2,38	0,2	0,44
	QC-STC-10A-M10L	FEMALE	BSP	A	22	0,86	M16*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	QC-STC-10B-M10L	MALE	BSP	E	30	1,18	M16*1,5	F	34	-	H	60,5	2,38	0,21	0,462
	QC-STC-10A-M12L	FEMALE	BSP	A	22	0,86	M18*1,5	D	M28*2	-	C	62,9	2,47	0,22	0,484
	QC-STC-10B-M12L	MALE	BSP	E	30	1,18	M18*1,5	F	34	-	H	60,5	2,38	0,2	0,44
12,5	QC-STC-12A-M12L	FEMALE	BSP	A	27	1,06	M18*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	QC-STC-12B-M12L	MALE	BSP	E	36	1,41	M18*1,5	F	42,1	-	H	63,8	2,51	0,33	0,726
	QC-STC-12A-M15L	FEMALE	BSP	A	27	1,06	M22*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	QC-STC-12B-M15L	MALE	BSP	E	36	1,41	M22*1,5	F	42,1	-	H	63,8	2,51	0,34	0,748
	QC-STC-12A-M18L	FEMALE	BSP	A	27	1,06	M26*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	QC-STC-12B-M18L	MALE	BSP	E	36	1,41	M26*1,5	F	42,1	-	H	63,8	2,51	0,34	0,748
19	QC-STC-20A-M15L	FEMALE	BSP	A	32	1,25	M22*1,5	D	M42*2	-	C	85,5	3,36	0,54	1,188
	QC-STC-20B-M15L	MALE	BSP	E	41	1,61	M22*1,5	F	48,5	-	H	76	2,99	0,52	1,144
	QC-STC-20A-M18L	FEMALE	BSP	A	32	1,25	M26*1,5	D	M42*2	-	C	85,5	3,36	0,55	1,21
	QC-STC-20B-M18L	MALE	BSP	E	41	1,61	M26*1,5	F	48,5	-	H	76	2,99	0,53	1,166
	QC-STC-20A-M22L	FEMALE	BSP	A	32	1,25	M30*2	D	M42*2	-	C	85,5	3,36	0,54	1,188
	QC-STC-20B-M22L	MALE	BSP	E	41	1,61	M30*2	F	48,5	-	H	76	2,99	0,52	1,144
25	QC-STC-25A-M18L	FEMALE	BSP	A	41	1,61	M26*1,5	D	M48*3	-	C	97,5	3,83	0,78	1,716
	QC-STC-25B-M18L	MALE	BSP	E	50	1,96	M26*1,5	F	54,5	-	H	82	3,22	0,81	1,782
	QC-STC-25A-M22L	FEMALE	BSP	A	41	1,61	M30*2	D	M48*3	-	C	97,5	3,83	0,78	1,716
	QC-STC-25B-M22L	MALE	BSP	E	50	1,96	M30*2	F	54,5	-	H	82	3,22	0,805	1,771
	QC-STC-25A-M28L	FEMALE	BSP	A	41	1,61	M36*2	D	M48*3	-	C	97,5	3,83	0,76	1,672
	QC-STC-25B-M28L	MALE	BSP	E	50	1,96	M36*2	F	54,5	-	H	82	3,22	0,79	1,738

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - QC - STC SERIES

METRIC (S)



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

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MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

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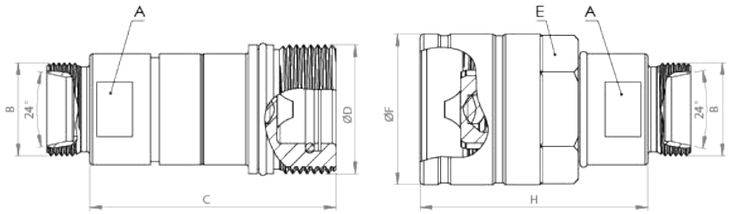

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					mm	inch			mm	inch		mm	inch	kg	lbs
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	QC-STC-6B-M6S	MALE	BSP	E	30	1,18	M14*1,5	F	34	-	H	59	2,32	0,15	0,33
10	QC-STC-10A-M8S	FEMALE	BSP	A	22	0,86	M16*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	QC-STC-10B-M8S	MALE	BSP	E	30	1,18	M16*1,5	F	34	-	H	60,5	2,38	0,2	0,44
	QC-STC-10A-M10S	FEMALE	BSP	A	22	0,86	M18*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	QC-STC-10B-M10S	MALE	BSP	E	30	1,18	M18*1,5	F	34	-	H	60,5	2,38	0,2	0,44
	QC-STC-10A-M12S	FEMALE	BSP	A	22	0,86	M20*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	QC-STC-10B-M12S	MALE	BSP	E	30	1,18	M20*1,5	F	34	-	H	60,5	2,38	0,2	0,44
12,5	QC-STC-12A-M10S	FEMALE	BSP	A	27	1,06	M18*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	QC-STC-12B-M10S	MALE	BSP	E	36	1,41	M18*1,5	F	42,1	-	H	63,8	2,51	0,34	0,748
	QC-STC-12A-M12S	FEMALE	BSP	A	27	1,06	M20*1,5	D	M36*2	-	C	69	2,71	0,36	0,792
	QC-STC-12B-M12S	MALE	BSP	E	36	1,41	M20*1,5	F	42,1	-	H	63,8	2,51	0,35	0,77
	QC-STC-12A-M16S	FEMALE	BSP	A	27	1,06	M24*1,5	D	M36*2	-	C	69	2,71	0,36	0,792
	QC-STC-12B-M16S	MALE	BSP	E	36	1,41	M24*1,5	F	42,1	-	H	63,8	2,51	0,35	0,77
19	QC-STC-20A-M12S	FEMALE	BSP	A	32	1,25	M20*1,5	D	M42*2	-	C	85,5	3,36	0,56	1,232
	QC-STC-20B-M12S	MALE	BSP	E	41	1,61	M20*1,5	F	48,5	-	H	76	2,99	0,54	1,188
	QC-STC-20A-M16S	FEMALE	BSP	A	32	1,25	M24*1,5	D	M42*2	-	C	85,5	3,36	0,57	1,254
	QC-STC-20B-M16S	MALE	BSP	E	41	1,61	M24*1,5	F	48,5	-	H	76	2,99	0,54	1,188
	QC-STC-20A-M20S	FEMALE	BSP	A	32	1,25	M30*2	D	M42*2	-	C	85,5	3,36	0,57	1,254
	QC-STC-20B-M20S	MALE	BSP	E	41	1,61	M30*2	F	48,5	-	H	76	2,99	0,55	1,21
25	QC-STC-25A-M16S	FEMALE	BSP	A	41	1,61	M24*1,5	D	M48*3	-	C	97,5	3,83	0,67	1,474
	QC-STC-25B-M16S	MALE	BSP	E	50	1,96	M24*1,5	F	54,5	-	H	82	3,22	0,65	1,43
	QC-STC-25A-M20S	FEMALE	BSP	A	41	1,61	M30*2	D	M48*3	-	C	97,5	3,83	0,68	1,496
	QC-STC-25B-M20S	MALE	BSP	E	50	1,96	M30*2	F	54,5	-	H	82	3,22	0,66	1,452
	QC-STC-25A-M25S	FEMALE	BSP	A	41	1,61	M36*2	D	M48*3	-	C	97,5	3,83	0,69	1,518
	QC-STC-25B-M25S	MALE	BSP	E	50	1,96	M36*2	F	54,5	-	H	82	3,22	0,67	1,474

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - QC - STC SERIES

METRIC (L) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

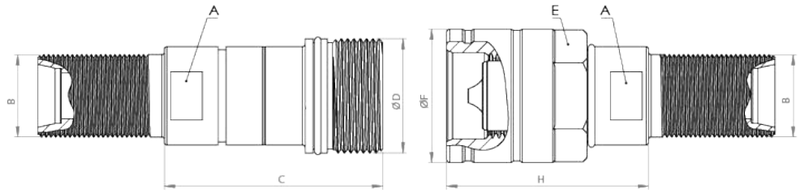
INFORMATION

· Connection under residual pressure is allowed on both sides.
· Disconnection under residual pressure is allowed.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-M6L-BH	FEMALE	BSP	A	17	0,66	M12*1,5	D	M24*2	-	C	61,7	2,42	0,25	0,55
	QC-STC-6B-M6L-BH	MALE	BSP	E	30	1,18	M12*1,5	F	34	-	H	59	2,32	0,16	0,352
10	QC-STC-10A-M8L-BH	FEMALE	BSP	A	22	0,86	M14*1,5	D	M28*2	-	C	62,9	2,47	0,24	0,528
	QC-STC-10B-M8L-BH	MALE	BSP	E	30	1,18	M14*1,5	F	34	-	H	60,5	2,38	0,21	0,462
	QC-STC-10A-M10L-BH	FEMALE	BSP	A	22	0,86	M16*1,5	D	M28*2	-	C	62,9	2,47	0,25	0,55
	QC-STC-10B-M10L-BH	MALE	BSP	E	30	1,18	M16*1,5	F	34	-	H	60,5	2,38	0,22	0,484
	QC-STC-10A-M12L-BH	FEMALE	BSP	A	22	0,86	M18*1,5	D	M28*2	-	C	62,9	2,47	0,26	0,572
	QC-STC-10B-M12L-BH	MALE	BSP	E	30	1,18	M18*1,5	F	34	-	H	60,5	2,38	0,23	0,506
12,5	QC-STC-12A-M12L-BH	FEMALE	BSP	A	27	1,06	M18*1,5	D	M36*2	-	C	69	2,71	0,38	0,836
	QC-STC-12B-M12L-BH	MALE	BSP	E	36	1,41	M18*1,5	F	42,1	-	H	63,8	2,51	0,37	0,814
	QC-STC-12A-M15L-BH	FEMALE	BSP	A	27	1,06	M22*1,5	D	M36*2	-	C	69	2,71	0,4	0,88
	QC-STC-12B-M15L-BH	MALE	BSP	E	36	1,41	M22*1,5	F	42,1	-	H	63,8	2,51	0,39	0,858
	QC-STC-12A-M18L-BH	FEMALE	BSP	A	27	1,06	M26*1,5	D	M36*2	-	C	69	2,71	0,42	0,924
	QC-STC-12B-M18L-BH	MALE	BSP	E	36	1,41	M26*1,5	F	42,1	-	H	63,8	2,51	0,41	0,902
19	QC-STC-20A-M15L-BH	FEMALE	BSP	A	32	1,25	M22*1,5	D	M42*2	-	C	85,5	3,36	0,59	1,298
	QC-STC-20B-M15L-BH	MALE	BSP	E	41	1,61	M22*1,5	F	48,5	-	H	76	2,99	0,57	1,254
	QC-STC-20A-M18L-BH	FEMALE	BSP	A	32	1,25	M26*1,5	D	M42*2	-	C	85,5	3,36	0,62	1,364
	QC-STC-20B-M18L-BH	MALE	BSP	E	41	1,61	M26*1,5	F	48,5	-	H	76	2,99	0,6	1,32
	QC-STC-20A-M22L-BH	FEMALE	BSP	A	32	1,25	M30*2	D	M42*2	-	C	85,5	3,36	0,63	1,386
	QC-STC-20B-M22L-BH	MALE	BSP	E	41	1,61	M30*2	F	48,5	-	H	76	2,99	0,61	1,342
25	QC-STC-25A-M18L-BH	FEMALE	BSP	A	41	1,61	M26*1,5	D	M48*3	-	C	97,5	3,83	0,85	1,87
	QC-STC-25B-M18L-BH	MALE	BSP	E	50	1,96	M26*1,5	F	54,5	-	H	82	3,22	0,88	1,936
	QC-STC-25A-M22L-BH	FEMALE	BSP	A	41	1,61	M30*2	D	M48*3	-	C	97,5	3,83	0,86	1,892
	QC-STC-25B-M22L-BH	MALE	BSP	E	50	1,96	M30*2	F	54,5	-	H	82	3,22	0,89	1,958
	QC-STC-25A-M28L-BH	FEMALE	BSP	A	41	1,61	M36*2	D	M48*3	-	C	97,5	3,83	0,87	1,914
	QC-STC-25B-M28L-BH	MALE	BSP	E	50	1,96	M36*2	F	54,5	-	H	82	3,22	0,9	1,98

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - QC - STC SERIES

METRIC (S) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Connection under residual pressure is allowed on both sides.
· Disconnection under residual pressure is allowed.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
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WARNING

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· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
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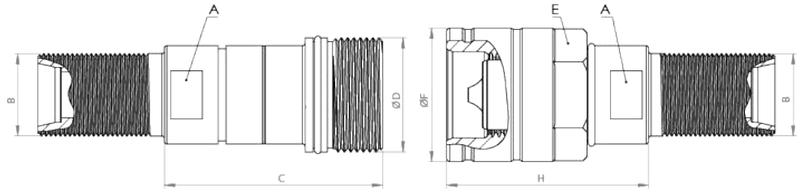
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-M6S-BH	FEMALE	BSP	A	17	0,66	M14*1,5	D	M24*2	-	C	61,7	2,42	0,26	0,572
	QC-STC-6B-M6S-BH	MALE	BSP	E	30	1,18	M14*1,5	F	34	-	H	59	2,32	0,17	0,374
10	QC-STC-10A-M8S-BH	FEMALE	BSP	A	22	0,86	M16*1,5	D	M28*2	-	C	62,9	2,47	0,26	0,572
	QC-STC-10B-M8S-BH	MALE	BSP	E	30	1,18	M16*1,5	F	34	-	H	60,5	2,38	0,23	0,506
	QC-STC-10A-M10S-BH	FEMALE	BSP	A	22	0,86	M18*1,5	D	M28*2	-	C	62,9	2,47	0,27	0,594
	QC-STC-10B-M10S-BH	MALE	BSP	E	30	1,18	M18*1,5	F	34	-	H	60,5	2,38	0,24	0,528
	QC-STC-10A-M12S-BH	FEMALE	BSP	A	22	0,86	M20*1,5	D	M28*2	-	C	62,9	2,47	0,28	0,616
	QC-STC-10B-M12S-BH	MALE	BSP	E	30	1,18	M20*1,5	F	34	-	H	60,5	2,38	0,25	0,55
12,5	QC-STC-12A-M10S-BH	FEMALE	BSP	A	27	1,06	M18*1,5	D	M36*2	-	C	69	2,71	0,39	0,858
	QC-STC-12B-M10S-BH	MALE	BSP	E	36	1,41	M18*1,5	F	42,1	-	H	63,8	2,51	0,38	0,836
	QC-STC-12A-M12S-BH	FEMALE	BSP	A	27	1,06	M20*1,5	D	M36*2	-	C	69	2,71	0,41	0,902
	QC-STC-12B-M12S-BH	MALE	BSP	E	36	1,41	M20*1,5	F	42,1	-	H	63,8	2,51	0,4	0,88
	QC-STC-12A-M16S-BH	FEMALE	BSP	A	27	1,06	M24*1,5	D	M36*2	-	C	69	2,71	0,43	0,946
	QC-STC-12B-M16S-BH	MALE	BSP	E	36	1,41	M24*1,5	F	42,1	-	H	63,8	2,51	0,42	0,924
19	QC-STC-20A-M12S-BH	FEMALE	BSP	A	32	1,25	M20*1,5	D	M42*2	-	C	85,5	3,36	0,61	1,342
	QC-STC-20B-M12S-BH	MALE	BSP	E	41	1,61	M20*1,5	F	48,5	-	H	76	2,99	0,59	1,298
	QC-STC-20A-M16S-BH	FEMALE	BSP	A	32	1,25	M24*1,5	D	M42*2	-	C	85,5	3,36	0,63	1,386
	QC-STC-20B-M16S-BH	MALE	BSP	E	41	1,61	M24*1,5	F	48,5	-	H	76	2,99	0,61	1,342
	QC-STC-20A-M20S-BH	FEMALE	BSP	A	32	1,25	M30*2	D	M42*2	-	C	85,5	3,36	0,67	1,474
	QC-STC-20B-M20S-BH	MALE	BSP	E	41	1,61	M30*2	F	48,5	-	H	76	2,99	0,65	1,43
25	QC-STC-25A-M16S-BH	FEMALE	BSP	A	41	1,61	M24*1,5	D	M48*3	-	C	97,5	3,83	0,85	1,87
	QC-STC-25B-M16S-BH	MALE	BSP	E	50	1,96	M24*1,5	F	54,5	-	H	82	3,22	0,88	1,936
	QC-STC-25A-M20S-BH	FEMALE	BSP	A	41	1,61	M30*2	D	M48*3	-	C	97,5	3,83	0,9	1,98
	QC-STC-25B-M20S-BH	MALE	BSP	E	50	1,96	M30*2	F	54,5	-	H	82	3,22	0,93	2,046
	QC-STC-25A-M25S-BH	FEMALE	BSP	A	41	1,61	M36*2	D	M48*3	-	C	97,5	3,83	0,96	2,112
	QC-STC-25B-M25S-BH	MALE	BSP	E	50	1,96	M36*2	F	54,5	-	H	82	3,22	0,99	2,178

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - QC - STC SERIES

UNF MALE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Screw to Connect
- **Flow Rate** — Up to 189 l / min
- **Material** — Carbon Steel, Stainless Steel
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 14541
- **How to Connect** — Screw
- **Operating Pressure** — Up to 350 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: Both Side, Disconnection: Allowed
- **Available Sizes** — From 1/4" to 1"
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

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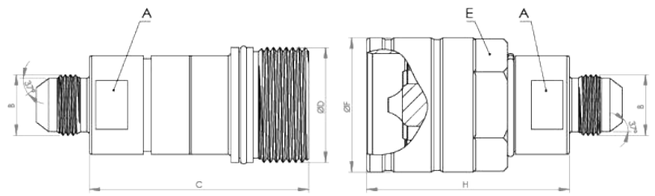
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QC-STC-6A-MSAE4	FEMALE	BSP	A	17	0,66	7/16-20 UNF	D	M24*2	-	C	61,7	2,42	0,24	0,528
	QC-STC-6B-MSAE4	MALE	BSP	E	30	1,18	7/16-20 UNF	F	34	-	H	59	2,32	0,15	0,33
10	QC-STC-10A-MSAE5	FEMALE	BSP	A	22	0,86	1/2-20UNF	D	M28*2	-	C	62,9	2,47	0,22	0,484
	QC-STC-10B-MSAE5	MALE	BSP	E	30	1,18	1/2-20UNF	F	34	-	H	60,5	2,38	0,19	0,418
	QC-STC-10A-MSAE6	FEMALE	BSP	A	22	0,86	9/16-18 UNF	D	M28*2	-	C	62,9	2,47	0,23	0,506
	QC-STC-10B-MSAE6	MALE	BSP	E	30	1,18	9/16-18 UNF	F	34	-	H	60,5	2,38	0,2	0,44
	QC-STC-10A-MSAE8	FEMALE	BSP	A	22	0,86	3/4- 16UNF	D	M28*2	-	C	62,9	2,47	0,23	0,506
	QC-STC-10B-MSAE8	MALE	BSP	E	30	1,18	3/4- 16UNF	F	34	-	H	60,5	2,38	0,2	0,44
12,5	QC-STC-12A-MSAE8	FEMALE	BSP	A	27	1,06	3/4- 16UNF	D	M36*2	-	C	69	2,71	0,36	0,792
	QC-STC-12B-MSAE8	MALE	BSP	E	36	1,41	3/4- 16UNF	F	42,1	-	H	63,8	2,51	0,35	0,77
19	QC-STC-20A-MSAE8	FEMALE	BSP	A	32	1,25	3/4- 16UNF	D	M42*2	-	C	85,5	3,36	0,56	1,232
	QC-STC-20B-MSAE8	MALE	BSP	E	41	1,61	3/4- 16UNF	F	48,5	-	H	76	2,99	0,54	1,188
	QC-STC-20A-MSAE10	FEMALE	BSP	A	32	1,25	7/8- 14UNF	D	M42*2	-	C	85,5	3,36	0,57	1,254
	QC-STC-20B-MSAE10	MALE	BSP	E	41	1,61	7/8- 14UNF	F	48,5	-	H	76	2,99	0,55	1,21
	QC-STC-20A-MSAE12	FEMALE	BSP	A	32	1,25	1 1/16- 12UN	D	M42*2	-	C	85,5	3,36	0,58	1,276
	QC-STC-20B-MSAE12	MALE	BSP	E	41	1,61	1 1/16- 12UN	F	48,5	-	H	76	2,99	0,56	1,232
25	QC-STC-25A-MSAE12	FEMALE	BSP	A	41	1,61	1 1/16- 12UN	D	M48*3	-	C	97,5	3,83	0,8	1,76
	QC-STC-25B-MSAE12	MALE	BSP	E	50	1,96	1 1/16- 12UN	F	54,5	-	H	82	3,22	0,83	1,826

ISO-8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12.5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET TYPE - QCA SERIES

BSP

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed, Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
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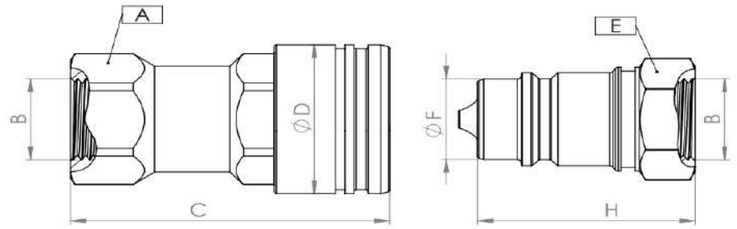
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-G14	FEMALE	A	19	0,75	1/4	D	26	1,02	C	50	1,97	0,1	0,22
	QCA-6B-G14	MALE	E	19	0,75	1/4	F	11,8	0,46	H	35,5	1,4	0,04	0,09
10	QCA-10A-G38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,16	0,352
	QCA-10B-G38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,06	0,132
12,5	QCA-12A-G12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,27	0,594
	QCA-12B-G12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,09	0,198
19	QCA-20A-G34	FEMALE	A	38	1,49	3/4''	D	46,1	1,81	C	83	3,26	0,5	1,1
	QCA-20B-G34	MALE	E	36	1,41	3/4''	F	29	1,14	H	56	2,20	0,21	0,462
25	QCA-25A-G1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-G1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,3	0,66
31,5	QCA-31A-G114	FEMALE	A	55	2,16	1 1/4 "	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-G114	MALE	E	50	1,96	1 1/4 "	F	44,9	44,9	H	75	2,95	0,51	1,122
40	QCA-40A-G112	FEMALE	A	70	2,75	1 1/2 "	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-G112	MALE	E	60	2,36	1 1/2 "	F	54,93	2,16	H	84	3,30	0,96	2,112
50	QCA-50A-G2	FEMALE	A	80	3,14	2"	D	99	3,89	C	160,2	6,30	3,89	8,558
	QCA-50B-G2	MALE	E	75	2,95	2"	F	65	2,55	H	97	3,81	1,48	3,256

ISO-1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM	ml	N	lbf	N	lbf
6	130	3	0,66	1	50	11,2	20	4,5
10	180	23	5,06	2	70	15	30	6,75
12,5	200	45	9,91	2,5	90	20,22	45	10,11
19	200	106	23,34	9	140	31,46	50	11,23
25	250	189	41,62	25	190	42,69	55	12,35
31,5	200	288	63,43	60	230	51,68	65	14,6
40	200	379	83,48	90	250	56,17	70	15,73
50	200	757	166,74	150	270	60,67	80	17,97

POPPET TYPE - QCA SERIES

NPT

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed; Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
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WARNING

· Connection and disconnection under dynamic pressure is not allowed.
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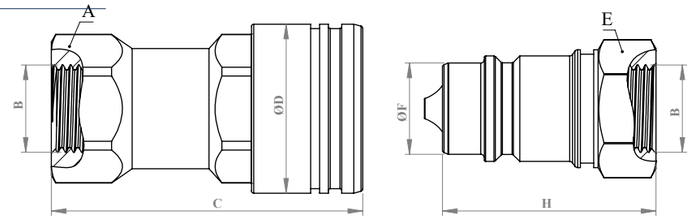
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



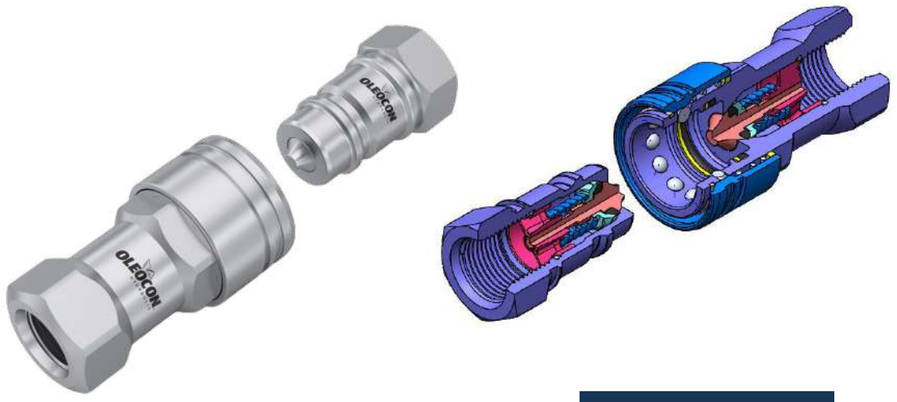
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-NPT14	FEMALE	A	-	-	1/4 "	D	-	-	C	-	-	-	-
	QCA-6B-NPT14	MALE	E	-	-	1/4"	F	-	-	H	-	-	-	-
10	QCA-10A-NPT38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,17	0,374
	QCA-10B-NPT38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,07	0,154
12,5	QCA-12A-NPT12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,28	0,616
	QCA-12B-NPT12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,09	0,198
19	QCA-20A-NPT34	FEMALE	A	38	1,49	3/4''	D	46,1	1,81	C	83	3,26	0,5	1,1
	QCA-20B-NPT34	MALE	E	36	1,41	3/4''	F	29	1,14	H	56	2,20	0,22	0,484
25	QCA-25A-NPT1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-NPT1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,32	0,704
31,5	QCA-31A-NPT114	FEMALE	A	55	2,16	1 1/4 "	D	68	2,67	C	117,2	4,61	1,32	2,904
	QCA-31B-NPT114	MALE	E	50	1,96	1 1/4 "	F	44,9	44,9	H	75	2,95	0,5	1,1
40	QCA-40A-NPT112	FEMALE	A	70	2,75	1 1/2 "	D	83	3,26	C	134,2	5,28	2,65	5,83
	QCA-40B-NPT112	MALE	E	60	2,36	1 1/2 "	F	54,93	2,16	H	84	3,30	0,98	2,156
50	QCA-50A-NPT2	FEMALE	A	80	3,14	2"	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-NPT2	MALE	E	75	2,95	2"	F	65	2,55	H	97	3,81	1,5	3,3

ASME.B1.20.1.NPT

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

UNF



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed, Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

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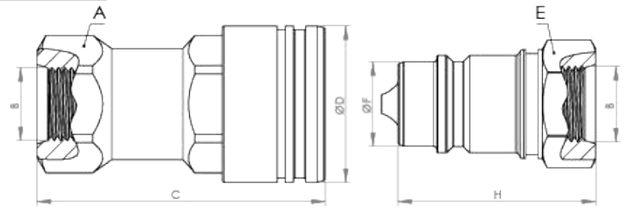
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-SAE4	FEMALE	A	-	-	7/16 UNF	D	-	-	C	-	-	-	-
	QCA-6B-SAE4	MALE	E	-	-	7/16 UNF	F	-	-	H	-	-	-	-
10	QCA-10A-SAE6	FEMALE	A	24	0,94	9/16 UNF	D	32	1,25	C	58	2,28	0,16	0,35
	QCA-10B-SAE6	MALE	E	22	0,86	9/16 UNF	F	17,23	0,67	H	40	1,57	0,06	0,13
12,5	QCA-12A-SAE8	FEMALE	A	30	1,18	3/4 UNF	D	38	1,49	C	69	2,71	0,27	0,59
	QCA-12B-SAE8	MALE	E	27	1,06	3/4 UNF	F	20,48	0,80	H	47	1,85	0,09	0,19
19	QCA-20A-SAE12	FEMALE	A	38	1,49	1 1/16 UN	D	46,1	1,81	C	83	3,26	0,49	1,07
	QCA-20B-SAE12	MALE	E	36	1,41	1 1/16 UN	F	29	1,14	H	56	2,20	0,21	0,46
25	QCA-25A-SAE16	FEMALE	A	46	1,81	1 5/16 UN	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-SAE16	MALE	E	41	1,61	1 5/16 UN	F	34,21	1,34	H	66	2,59	0,31	0,68
31,5	QCA-31A-SAE20	FEMALE	A	55	2,16	1 5/8 UN	D	68	2,67	C	117,2	4,61	1,31	2,88
	QCA-31B-SAE20	MALE	E	50	1,96	1 5/8 UN	F	44,9	44,9	H	75	2,95	0,51	1,12
40	QCAA-40A-SAE24	FEMALE	A	70	2,75	1 7/8UN	D	83	3,26	C	134,2	5,28	2,66	5,85
	QCA-40B-SAE24	MALE	E	60	2,36	1 7/8 UN	F	54,93	2,16	H	84	3,30	0,96	2,11
50	QCA-50A-SAE32	FEMALE	A	80	3,14	2 1/2UN	D	99	3,89	C	160,2	6,30	3,89	8,55
	QCA-50B-SAE32	MALE	E	75	2,95	2 1/2UN	F	65	2,55	H	97	3,81	1,48	3,25

ISO 11926-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

BSP MALE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed, Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

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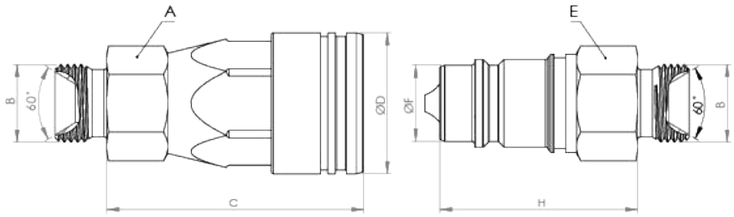
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-MG14	FEMALE	A	-	-	1/4 "	D	-	-	C	-	-	-	-
	QCA-6B-MG14	MALE	E	-	-	1/4"	F	-	-	H	-	-	-	-
10	QCA-10A-MG38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-MG38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,09	0,198
12,5	QCA-12A-MG12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-MG12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,13	0,286
20	QCA-20A-MG34	FEMALE	A	38	1,49	3/4"	D	46,1	1,81	C	83	3,26	0,58	1,276
	QCA-20B-MG34	MALE	E	36	1,41	3/4"	F	29	1,14	H	56	2,20	0,27	0,594
25	QCA-25A-MG1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,7	1,54
	QCA-25B-MG1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,34	0,748
31,5	QCA-31A-MG114	FEMALE	A	55	2,16	1 1/4 "	D	68	2,67	C	117,2	4,61	1,35	2,97
	QCA-31B-MG114	MALE	E	50	1,96	1 1/4 "	F	44,9	44,9	H	75	2,95	0,55	1,21
40	QCA-40A-MG112	FEMALE	A	70	2,75	1 1/2 "	D	83	3,26	C	134,2	5,28	2,7	5,94
	QCA-40B-MG112	MALE	E	60	2,36	1 1/2 "	F	54,93	2,16	H	84	3,30	0,99	2,178
50	QCA-50A-MG2	FEMALE	A	80	3,14	2"	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-MG2	MALE	E	75	2,95	2"	F	65	2,55	H	97	3,81	1,5	3,3

ISO-8434-6

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (L)

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 757 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

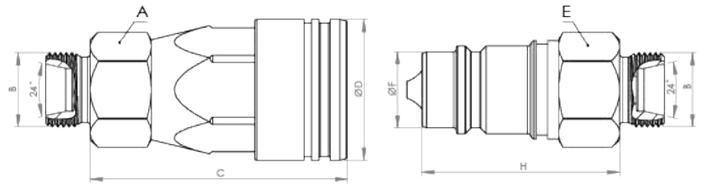
INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6L	FEMALE	A	-	-	M12*1,5	D	-	-	C	-	-	-	-
	QCA-6B-M6L	MALE	E	-	-	M12*1,5	F	-	-	H	-	-	-	-
10	QCA-10A-M8L	FEMALE	A	24	0,94	M14*1,5	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-M8L	MALE	E	22	0,86	M14*1,5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M10L	FEMALE	A	24	0,94	M16*1,5	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-M10L	MALE	E	22	0,86	M16*1,5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M12L	FEMALE	A	24	0,94	M18*1,5	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-M12L	MALE	E	22	0,86	M18*1,5	F	17,23	0,67	H	40	1,57	0,09	0,198
12,5	QCA-12A-M12L	FEMALE	A	30	1,18	M18*1,5	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-M12L	MALE	E	27	1,06	M18*1,5	F	20,48	0,80	H	47	1,85	0,12	0,264
	QCA-12A-M15L	FEMALE	A	30	1,18	M22*1,5	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-M15L	MALE	E	27	1,06	M22*1,5	F	20,48	0,80	H	47	1,85	0,13	0,286
	QCA-12A-M18L	FEMALE	A	30	1,18	M26*1,5	D	38	1,49	C	69	2,71	0,3	0,66
	QCA-12B-M18L	MALE	E	27	1,06	M26*1,5	F	20,48	0,80	H	47	1,85	0,13	0,286
20	QCA-20A-M15L	FEMALE	A	38	1,49	M22*1,5	D	46,1	1,81	C	83	3,26	0,57	1,254
	QCA-20B-M15L	MALE	E	36	1,41	M22*1,5	F	29	1,14	H	56	2,20	0,26	0,572
	QCA-20A-M18L	FEMALE	A	38	1,49	M26*1,5	D	46,1	1,81	C	83	3,26	0,58	1,276
	QCA-20B-M18L	MALE	E	36	1,41	M26*1,5	F	29	1,14	H	56	2,20	0,27	0,594
	QCA-20A-M22L	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,59	1,298
	QCA-20B-M22L	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,27	0,594
25	QCA-25A-M18L	FEMALE	A	46	1,81	M26*1,5	D	54	2,12	C	99,2	3,90	0,68	1,496
	QCA-25B-M18L	MALE	E	41	1,61	M26*1,5	F	34,21	1,34	H	66	2,59	0,32	0,704
	QCA-25A-M22L	FEMALE	A	46	1,81	M30*2	D	54	2,12	C	99,2	3,90	0,69	1,518
	QCA-25B-M22L	MALE	E	41	1,61	M30*2	F	34,21	1,34	H	66	2,59	0,32	0,704
	QCA-25A-M28L	FEMALE	A	46	1,81	M36*2	D	54	2,12	C	99,2	3,90	0,69	1,518
	QCA-25B-M28L	MALE	E	41	1,61	M36*2	F	34,21	1,34	H	66	2,59	0,33	0,726

ISO-8434- 1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (L)

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 757 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

INFORMATION

· Do not connect or disconnect under residual pressure.
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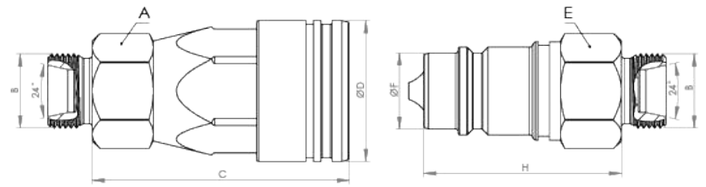
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
31,5	QCA-31A-M22L	FEMALE	A	55	2,16	M30*2	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-M22L	MALE	E	50	1,96	M30*2	F	44,9	44,9	H	75	2,95	0,51	1,122
	QCA-31A-M28L	FEMALE	A	55	2,16	M36*2	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-M28L	MALE	E	50	1,96	M36*2	F	44,9	44,9	H	75	2,95	0,51	1,122
	QCA-31A-M35L	FEMALE	A	55	2,16	M45*2	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-M35L	MALE	E	50	1,96	M45*2	F	44,9	44,9	H	75	2,95	0,51	1,122
40	QCA-40A-M35L	FEMALE	A	70	2,75	M45*2	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-M35L	MALE	E	60	2,36	M45*2	F	54,93	2,16	H	84	3,30	0,96	2,112
	QCA-40A-M42L	FEMALE	A	70	2,75	M52*2	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-M42L	MALE	E	60	2,36	M52*2	F	54,93	2,16	H	84	3,30	0,96	2,112
50	QCA-50A-M35L	FEMALE	A	80	3,14	M45*2	D	99	3,89	C	160,2	6,30	3,89	8,558
	QCA-50B-M35L	MALE	E	75	2,95	M45*2	F	65	2,55	H	97	3,81	1,48	3,256
	QCA-50A-M35L	FEMALE	A	80	3,14	M52*2	D	99	3,89	C	160,2	6,30	3,89	8,558
	QCA-50B-M35L	MALE	E	75	2,95	M52*2	F	65	2,55	H	97	3,81	1,48	3,256

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	V20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (S)

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed, Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
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WARNING

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· Make sure the system pressure is below the maximum working pressure.
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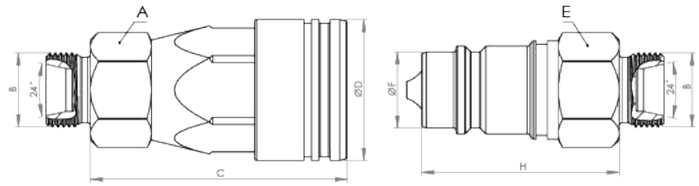
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6S	FEMALE	A	-	-	M14*1,5	D	-	-	C	-	-	-	-
	QCA-6B-M6S	MALE	E	-	-	M14*1,5	F	-	-	H	-	-	-	-
10	QCA-10A-M8S	FEMALE	A	24	0,94	M16*1,5	D	32	1,25	C	58	2,28	0,2	0,44
	QCA-10B-M8S	MALE	E	22	0,86	M16*1,5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M10S	FEMALE	A	24	0,94	M18*1,5	D	32	1,25	C	58	2,28	0,2	0,44
	QCA-10B-M10S	MALE	E	22	0,86	M18*1,5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M12S	FEMALE	A	24	0,94	M20*1,5	D	32	1,25	C	58	2,28	0,21	0,462
	QCA-10B-M12S	MALE	E	22	0,86	M20*1,5	F	17,23	0,67	H	40	1,57	0,1	0,22
12,5	QCA-12A-M10S	FEMALE	A	30	1,18	M18*1,5	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-M10S	MALE	E	27	1,06	M18*1,5	F	20,48	0,80	H	47	1,85	0,13	0,286
	QCA-12A-M12S	FEMALE	A	30	1,18	M20*1,5	D	38	1,49	C	69	2,71	0,3	0,66
	QCA-12B-M12S	MALE	E	27	1,06	M20*1,5	F	20,48	0,80	H	47	1,85	0,13	0,286
	QCA-12A-M16S	FEMALE	A	30	1,18	M24*1,5	D	38	1,49	C	69	2,71	0,31	0,682
	QCA-12B-M16S	MALE	E	27	1,06	M24*1,5	F	20,48	0,80	H	47	1,85	0,14	0,308
20	QCA-20A-M12S	FEMALE	A	38	1,49	M20*1,5	D	46,1	1,81	C	83	3,26	0,57	1,254
	QCA-20B-M12S	MALE	E	36	1,41	M20*1,5	F	29	1,14	H	56	2,20	0,27	0,594
	QCA-20A-M16S	FEMALE	A	38	1,49	M24*1,5	D	46,1	1,81	C	83	3,26	0,58	1,276
	QCA-20B-M16S	MALE	E	36	1,41	M24*1,5	F	29	1,14	H	56	2,20	0,27	0,594
	QCA-20A-M20S	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,59	1,298
	QCA-20B-M20S	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,28	0,616

ISO-8434- 1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (S)

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed, Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

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WARNING

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· Make sure the system pressure is below the maximum working pressure.
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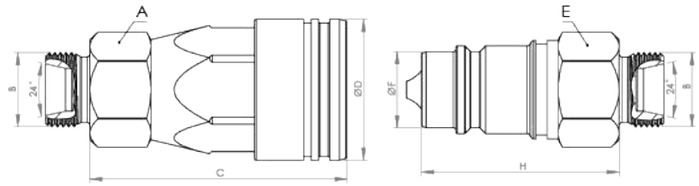
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
25	QCA-25A-M16S	FEMALE	A	46	1,81	M24*1,5	D	54	2,12	C	99,2	3,90	0,68	1,496
	QCA-25B-M16S	MALE	E	41	1,61	M24*1,5	F	34,21	1,34	H	66	2,59	0,33	0,726
	QCA-25A-M20S	FEMALE	A	46	1,81	M30*2	D	54	2,12	C	99,2	3,90	0,7	1,54
	QCA-25B-M20S	MALE	E	41	1,61	M30*2	F	34,21	1,34	H	66	2,59	0,34	0,748
	QCA-25A-M25S	FEMALE	A	46	1,81	M36*2	D	54	2,12	C	99,2	3,90	0,71	1,562
	QCA-25B-M25S	MALE	E	41	1,61	M36*2	F	34,21	1,34	H	66	2,59	0,36	0,792
31,5	QCA-31A-M20S	FEMALE	A	55	2,16	M30*2	D	68	2,67	C	117,2	4,61	1,32	2,904
	QCA-31B-M20S	MALE	E	50	1,96	M30*2	F	44,9	44,9	H	75	2,95	0,52	1,144
	QCA-31A-M25S	FEMALE	A	55	2,16	M36*2	D	68	2,67	C	117,2	4,61	1,33	2,926
	QCA-31B-M25S	MALE	E	50	1,96	M36*2	F	44,9	44,9	H	75	2,95	0,52	1,144
	QCA-31A-M30S	FEMALE	A	55	2,16	M42*2	D	68	2,67	C	117,2	4,61	1,34	2,948
	QCA-31B-M30S	MALE	E	50	1,96	M42*2	F	44,9	44,9	H	75	2,95	0,52	1,144
40	QCA-40A-M30S	FEMALE	A	70	2,75	M42*2	D	83	3,26	C	134,2	5,28	2,65	5,83
	QCA-40B-M30S	MALE	E	60	2,36	M42*2	F	54,93	2,16	H	84	3,30	0,97	2,134
	QCA-40A-M38S	FEMALE	A	70	2,75	M52*2	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-M38S	MALE	E	60	2,36	M52*2	F	54,93	2,16	H	84	3,30	0,97	2,134
50	QCA-50A-M30S	FEMALE	A	80	3,14	M42*2	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-M30S	MALE	E	75	2,95	M42*2	F	65	2,55	H	97	3,81	1,49	3,278
	QCA-50A-M38S	FEMALE	A	80	3,14	M52*2	D	99	3,89	C	160,2	6,30	3,91	8,602
	QCA-50B-M38S	MALE	E	75	2,95	M52*2	F	65	2,55	H	97	3,81	1,5	3,3

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (L) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed, Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

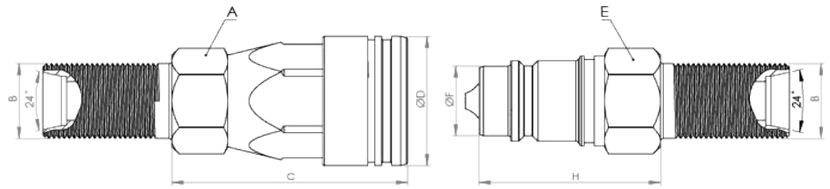
INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6L-BH	FEMALE	A	-	-	M12*1,5	D	-	-	C	-	-	-	-
	QCA-6B-M6L-BH	MALE	E	-	-	M12*1,5	F	-	-	H	-	-	-	-
10	QCA-10A-M8L-BH	FEMALE	A	24	0,94	M14*1,5	D	32	1,25	C	58	2,28	0,21	0,462
	QCA-10B-M8L-BH	MALE	E	22	0,86	M14*1,5	F	17,23	0,67	H	40	1,57	0,11	0,242
	QCA-10A-M10L-BH	FEMALE	A	24	0,94	M16*1,5	D	32	1,25	C	58	2,28	0,22	0,484
	QCA-10B-M10L-BH	MALE	E	22	0,86	M16*1,5	F	17,23	0,67	H	40	1,57	0,11	0,242
	QCA-10A-M12L-BH	FEMALE	A	24	0,94	M18*1,5	D	32	1,25	C	58	2,28	0,23	0,506
	QCA-10B-M12L-BH	MALE	E	22	0,86	M18*1,5	F	17,23	0,67	H	40	1,57	0,12	0,264
12,5	QCA-12A-M12L-BH	FEMALE	A	30	1,18	M18*1,5	D	38	1,49	C	69	2,71	0,32	0,704
	QCA-12B-M12L-BH	MALE	E	27	1,06	M18*1,5	F	20,48	0,80	H	47	1,85	0,15	0,33
	QCA-12A-M15L-BH	FEMALE	A	30	1,18	M22*1,5	D	38	1,49	C	69	2,71	0,34	0,748
	QCA-12B-M15L-BH	MALE	E	27	1,06	M22*1,5	F	20,48	0,80	H	47	1,85	0,18	0,396
	QCA-12A-M18L-BH	FEMALE	A	30	1,18	M26*1,5	D	38	1,49	C	69	2,71	0,39	0,858
	QCA-12B-M18L-BH	MALE	E	27	1,06	M26*1,5	F	20,48	0,80	H	47	1,85	0,22	0,484
20	QCA-20A-M15L-BH	FEMALE	A	38	1,49	M22*1,5	D	46,1	1,81	C	83	3,26	0,62	1,364
	QCA-20B-M15L-BH	MALE	E	36	1,41	M22*1,5	F	29	1,14	H	56	2,20	0,32	0,704
	QCA-20A-M18L-BH	FEMALE	A	38	1,49	M26*1,5	D	46,1	1,81	C	83	3,26	0,65	1,43
	QCA-20B-M18L-BH	MALE	E	36	1,41	M26*1,5	F	29	1,14	H	56	2,20	0,34	0,748
	QCA-20A-M22L-BH	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,66	1,452
	QCA-20B-M22L-BH	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,36	0,792

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (L) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 757 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

INFORMATION

· Do not connect or disconnect under residual pressure.
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· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
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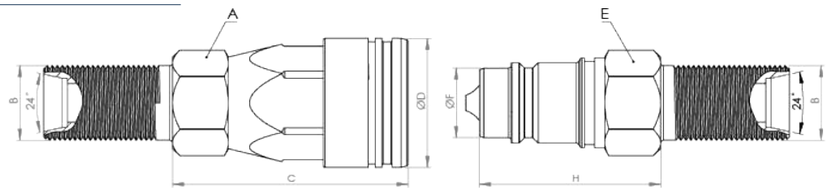
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
25	QCA-25A-M18L-BH	FEMALE	A	46	1,81	M26*1,5	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-M18L-BH	MALE	E	41	1,61	M26*1,5	F	34,21	1,34	H	66	2,59	0,4	0,88
	QCA-25A-M22L-BH	FEMALE	A	46	1,81	M30*2	D	54	2,12	C	99,2	3,90	0,77	1,694
	QCA-25B-M22L-BH	MALE	E	41	1,61	M30*2	F	34,21	1,34	H	66	2,59	0,41	0,902
	QCA-25A-M28L-BH	FEMALE	A	46	1,81	M36*2	D	54	2,12	C	99,2	3,90	0,8	1,76
	QCA-25B-M28L-BH	MALE	E	41	1,61	M36*2	F	34,21	1,34	H	66	2,59	0,44	0,968
31,5	QCA-31A-M22L-BH	FEMALE	A	55	2,16	M30*2	D	68	2,67	C	117,2	4,61	1,35	2,97
	QCA-31B-M22L-BH	MALE	E	50	1,96	M30*2	F	44,9	44,9	H	75	2,95	0,52	1,144
	QCA-31A-M28L-BH	FEMALE	A	55	2,16	M36*2	D	68	2,67	C	117,2	4,61	1,36	2,992
	QCA-31B-M28L-BH	MALE	E	50	1,96	M36*2	F	44,9	44,9	H	75	2,95	0,53	1,166
	QCA-31A-M35L-BH	FEMALE	A	55	2,16	M45*2	D	68	2,67	C	117,2	4,61	1,37	3,014
	QCA-31B-M35L-BH	MALE	E	50	1,96	M45*2	F	44,9	44,9	H	75	2,95	0,53	1,166
40	QCA-40A-M35L-BH	FEMALE	A	70	2,75	M45*2	D	83	3,26	C	134,2	5,28	2,68	5,896
	QCA-40B-M35L-BH	MALE	E	60	2,36	M45*2	F	54,93	2,16	H	84	3,30	0,98	2,156
	QCA-40A-M42L-BH	FEMALE	A	70	2,75	M52*2	D	83	3,26	C	134,2	5,28	2,7	5,94
	QCA-40B-M42L-BH	MALE	E	60	2,36	M52*2	F	54,93	2,16	H	84	3,30	0,99	2,178
50	QCA-50A-M35L-BH	FEMALE	A	80	3,14	M45*2	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-M35L-BH	MALE	E	75	2,95	M45*2	F	65	2,55	H	97	3,81	1,5	3,3
	QCA-50A-M35L-BH	FEMALE	A	80	3,14	M52*2	D	99	3,89	C	160,2	6,30	3,91	8,602
	QCA-50B-M35L-BH	MALE	E	75	2,95	M52*2	F	65	2,55	H	97	3,81	1,51	3,322

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (S) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 757 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

INFORMATION

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· Make sure the system pressure is below the maximum working pressure.
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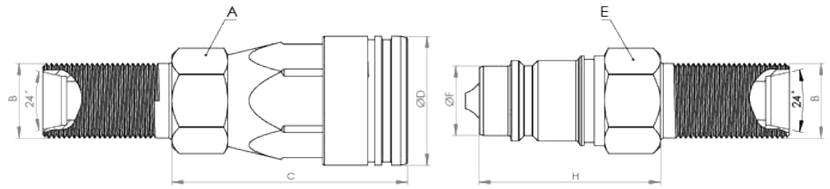
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6S-BH	FEMALE	A	-	-	M14*1,5	D	-	-	C	-	-	-	-
	QCA-6B-M6S-BH	MALE	E	-	-	M14*1,5	F	-	-	H	-	-	-	-
10	QCA-10A-M8S-BH	FEMALE	A	24	0,94	M16*1,5	D	32	1,25	C	58	2,28	0,23	0,506
	QCA-10B-M8S-BH	MALE	E	22	0,86	M16*1,5	F	17,23	0,67	H	40	1,57	0,13	0,286
	QCA-10A-M10S-BH	FEMALE	A	24	0,94	M18*1,5	D	32	1,25	C	58	2,28	0,24	0,528
	QCA-10B-M10S-BH	MALE	E	22	0,86	M18*1,5	F	17,23	0,67	H	40	1,57	0,13	0,286
	QCA-10A-M12S-BH	FEMALE	A	24	0,94	M20*1,5	D	32	1,25	C	58	2,28	0,25	0,55
	QCA-10B-M12S-BH	MALE	E	22	0,86	M20*1,5	F	17,23	0,67	H	40	1,57	0,15	0,33
12,5	QCA-12A-M10S-BH	FEMALE	A	30	1,18	M18*1,5	D	38	1,49	C	69	2,71	0,33	0,726
	QCA-12B-M10S-BH	MALE	E	27	1,06	M18*1,5	F	20,48	0,80	H	47	1,85	0,16	0,352
	QCA-12A-M12S-BH	FEMALE	A	30	1,18	M20*1,5	D	38	1,49	C	69	2,71	0,34	0,748
	QCA-12B-M12S-BH	MALE	E	27	1,06	M20*1,5	F	20,48	0,80	H	47	1,85	0,18	0,396
	QCA-12A-M16S-BH	FEMALE	A	30	1,18	M24*1,5	D	38	1,49	C	69	2,71	0,38	0,836
	QCA-12B-M16S-BH	MALE	E	27	1,06	M24*1,5	F	20,48	0,80	H	47	1,85	0,22	0,484
20	QCA-20A-M12S-BH	FEMALE	A	38	1,49	M20*1,5	D	46,1	1,81	C	83	3,26	0,62	1,364
	QCA-20B-M12S-BH	MALE	E	36	1,41	M20*1,5	F	29	1,14	H	56	2,20	0,32	0,704
	QCA-20A-M16S-BH	FEMALE	A	38	1,49	M24*1,5	D	46,1	1,81	C	83	3,26	0,65	1,43
	QCA-20B-M16S-BH	MALE	E	36	1,41	M24*1,5	F	29	1,14	H	56	2,20	0,34	0,748
	QCA-20A-M20S-BH	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,7	1,54
	QCA-20B-M20S-BH	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,39	0,858

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

METRIC (S) BULKHEAD

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

- **Locking Mechanism** — Locking Ball System
- **Flow Rate** — Up to 757 l / min
- **Material** — Carbon Steel, Stainless Steel, Brass
- **Working Temperature** — -20 °C / +90 °C
- **Interchange** — ISO 7241-A
- **How to Connect** — Push
- **Operating Pressure** — Up to 250 Bar
- **Available Threads** — BSP - NPT - Metric - SAE
- **Under Residual Pressure** — Connetion: not Allowed, Disconnection: not Allowed
- **Body Sizes** — ISO 6.3 - 50
- **Sealing Description** — NBR - FKM
- **Valve Type** — Popet

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
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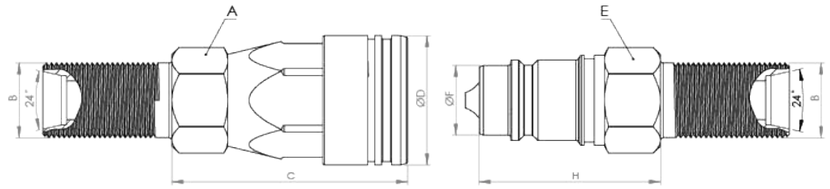
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
25	QCA-25A-M16S-BH	FEMALE	A	46	1,81	M24*1,5	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-M16S-BH	MALE	E	41	1,61	M24*1,5	F	34,21	1,34	H	66	2,59	0,4	0,88
	QCA-25A-M20S-BH	FEMALE	A	46	1,81	M30*2	D	54	2,12	C	99,2	3,90	0,8	1,76
	QCA-25B-M20S-BH	MALE	E	41	1,61	M30*2	F	34,21	1,34	H	66	2,59	0,45	0,99
	QCA-25A-M25S-BH	FEMALE	A	46	1,81	M36*2	D	54	2,12	C	99,2	3,90	0,87	1,914
	QCA-25B-M25S-BH	MALE	E	41	1,61	M36*2	F	34,21	1,34	H	66	2,59	0,51	1,122
31,5	QCA-31A-M20S-BH	FEMALE	A	55	2,16	M30*2	D	68	2,67	C	117,2	4,61	1,3	2,86
	QCA-31B-M20S-BH	MALE	E	50	1,96	M30*2	F	44,9	44,9	H	75	2,95	0,52	1,144
	QCA-31A-M25S-BH	FEMALE	A	55	2,16	M36*2	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-M25S-BH	MALE	E	50	1,96	M36*2	F	44,9	44,9	H	75	2,95	0,52	1,144
	QCA-31A-M30S-BH	FEMALE	A	55	2,16	M42*2	D	68	2,67	C	117,2	4,61	1,32	2,904
	QCA-31B-M30S-BH	MALE	E	50	1,96	M42*2	F	44,9	44,9	H	75	2,95	0,53	1,166
40	QCA-40A-M30S-BH	FEMALE	A	70	2,75	M42*2	D	83	3,26	C	134,2	5,28	2,68	5,896
	QCA-40B-M30S-BH	MALE	E	60	2,36	M42*2	F	54,93	2,16	H	84	3,30	0,97	2,134
	QCA-40A-M38S-BH	FEMALE	A	70	2,75	M52*2	D	83	3,26	C	134,2	5,28	2,68	5,896
	QCA-40B-M38S-BH	MALE	E	60	2,36	M52*2	F	54,93	2,16	H	84	3,30	0,98	2,156
50	QCA-50A-M30S-BH	FEMALE	A	80	3,14	M42*2	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-M30S-BH	MALE	E	75	2,95	M42*2	F	65	2,55	H	97	3,81	1,5	3,3
	QCA-50A-M38S-BH	FEMALE	A	80	3,14	M52*2	D	99	3,89	C	160,2	6,30	2,91	6,402
	QCA-50B-M38S-BH	MALE	E	75	2,95	M52*2	F	65	2,55	H	97	3,81	1,51	3,322

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

UNF MALE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 757 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

INFORMATION

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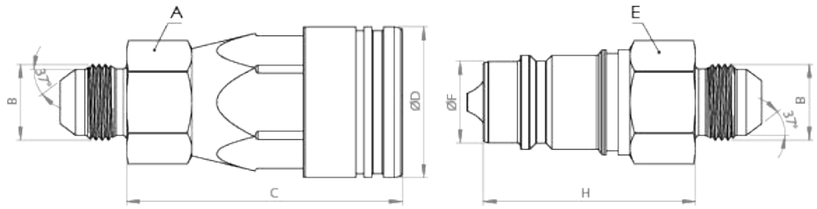
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-MSAE4	FEMALE	A	-	-	7/16-20 UNF	D	-	-	C	-	-	-	-
	QCA-6B-MSAE4	MALE	E	-	-	7/16-20 UNF	F	-	-	H	-	-	-	-
10	QCA-10A-MSAE5	FEMALE	A	24	0,94	1/2-20 UNF	D	32	1,25	C	58	2,28	0,19	0,35
	QCA-10B-MSAE5	MALE	E	22	0,86	1/2-20 UNF	F	17,23	0,67	H	40	1,57	0,09	0,13
	QCA-10A-MSAE6	FEMALE	A	24	0,94	9/16-18 UNF	D	32	1,25	C	58	2,28	0,2	0,35
	QCA-10B-MSAE6	MALE	E	22	0,86	9/16-18 UNF	F	17,23	0,67	H	40	1,57	0,09	0,13
	QCA-10A-MSAE8	FEMALE	A	24	0,94	3/4-16 UNF	D	32	1,25	C	58	2,28	0,2	0,35
	QCA-10B-MSAE8	MALE	E	22	0,86	3/4-16 UNF	F	17,23	0,67	H	40	1,57	0,1	0,13
12,5	QCA-12A-MSAE8	FEMALE	A	30	1,18	3/4-16 UNF	D	38	1,49	C	69	2,71	0,3	0,59
	QCA-12B-MSAE8	MALE	E	27	1,06	3/4-16 UNF	F	20,48	0,80	H	47	1,85	0,13	0,19
	QCA-12A-MSAE10	FEMALE	A	38	1,49	3/4-16 UNF	D	46,1	1,81	C	83	3,26	0,57	1,07
	QCA-12B-MSAE10	MALE	E	36	1,41	3/4-16 UNF	F	29	1,14	H	56	2,20	0,27	0,46
20	QCA-20A-MSAE12	FEMALE	A	38	1,49	1 1/16-12 UN	D	46,1	1,81	C	83	3,26	0,6	1,07
	QCA-20B-MSAE12	MALE	E	36	1,41	1 1/16-12 UN	F	29	1,14	H	56	2,20	0,29	0,46

ISO 8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA SERIES

UNF MALE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 757 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - Metric - SAE

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
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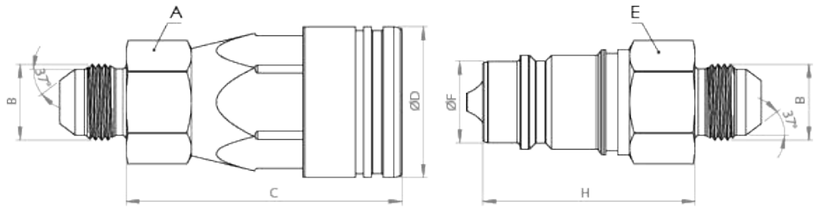

BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
25	QCA-25A-MSAE12	FEMALE	A	46	1,81	1 1/16-12 UN	D	54	2,12	C	99,2	3,90	0,7	1,65
	QCA-25B-MSAE12	MALE	E	41	1,61	1 1/16-12 UN	F	34,21	1,34	H	66	2,59	0,34	0,68
31,5	QCA-31A-MSAE12	FEMALE	A	55	2,16	1 1/16-12 UN	D	68	2,67	C	117,2	4,61	1,31	2,88
	QCA-31B-MSAE12	MALE	E	50	1,96	1 1/16-12 UN	F	44,9	44,9	H	75	2,95	0,51	1,12
	QCA-31A-MSAE16	FEMALE	A	55	2,16	1 5/16-12 UN	D	68	2,67	C	117,2	4,61	1,31	2,88
	QCA-31B-MSAE16	MALE	E	50	1,96	1 5/16-12 UN	F	44,9	44,9	H	75	2,95	0,51	1,12
	QCA-31A-MSAE20	FEMALE	A	55	2,16	1 5/8-12 UN	D	68	2,67	C	117,2	4,61	1,31	2,88
	QCA-31B-MSAE20	MALE	E	50	1,96	1 5/8-12 UN	F	44,9	44,9	H	75	2,95	0,51	1,12
40	QCA-40A-MSAE20	FEMALE	A	70	2,75	1 5/8-12 UN	D	83	3,26	C	134,2	5,28	2,66	5,85
	QCA-40B-MSAE20	MALE	E	60	2,36	1 5/8-12 UN	F	54,93	2,16	H	84	3,30	0,96	2,11
	QCA-40A-MSAE24	FEMALE	A	70	2,75	1 7/8-12 UN	D	83	3,26	C	134,2	5,28	2,66	5,85
	QCA-40B-MSAE24	MALE	E	60	2,36	1 7/8-12 UN	F	54,93	2,16	H	84	3,30	0,96	2,11
50	QCA-50A-MSAE24	FEMALE	A	80	3,14	1 7/8-12 UN	D	99	3,89	C	160,2	6,30	3,89	8,55
	QCA-50B-MSAE24	MALE	E	75	2,95	1 7/8-12 UN	F	65	2,55	H	97	3,81	1,48	3,25
	QCA-50A-MSAE32	FEMALE	A	80	3,14	2 1/2-12 UN	D	99	3,89	C	160,2	6,30	3,89	8,55
	QCA-50B-MSAE32	MALE	E	75	2,95	2 1/2-12 UN	F	65	2,55	H	97	3,81	1,48	3,25

ISO-8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCB SERIES

BSP

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-B

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

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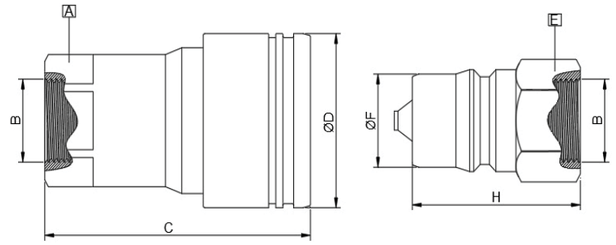


BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCB-6A-G14	FEMALE	A	22	0,87	1/4 "	D	30	1,18	C	63	2,48	0,15	0,33
	QCB-6B-G14	MALE	E	19	0,75	1/4"	F	14,15	0,56	H	41	1,61	0,05	0,11
10	QCB-10A-G38	FEMALE	A	24	0,94	3/8"	D	35	1,38	C	64,5	2,54	0,16	0,35
	QCB-10B-G38	MALE	E	22	0,86	3/8"	F	19,05	0,75	H	45	1,77	0,06	0,13
12,5	QCB-12A-G12	FEMALE	A	30	1,18	1/2"	D	44	1,73	C	74,3	2,92	0,27	0,59
	QCB-12B-G12	MALE	E	27	1,06	1/2"	F	23,5	0,92	H	47	1,85	0,09	0,19
20	QCB-20A-G34	FEMALE	A	38	1,49	3/4"	D	51	2	C	89,8	3,53	0,49	1,07
	QCB-20B-G34	MALE	E	36	1,41	3/4"	F	31,4	1,24	H	56	2,2	0,21	0,46
25	QCB-25A-G1	FEMALE	A	46	1,81	1"	D	60	2,36	C	106	4,17	0,75	1,65
	QCB-25B-G1	MALE	E	41	1,61	1"	F	37,75	1,49	H	66	2,59	0,31	0,68

ISO 1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE						
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE		
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	
6	6	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
10	10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
20	20	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
25	25	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800
40	40	6,3	914	6,3	914	6,3	914	25	3625	25	3625	25	3625
50	50	5	725	5	725	5	725	20	2900	20	2900	20	2900

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTİNG FORCE		DISCONNECTİNG FORCE	
	PRES.DROP (kPa)	L/MİN	GPM	ml	N	lbf	N	lbf
6	100	12	2,64	2	50	11,2	20	4,5
10	180	23	5,06	2	70	15	30	6,75
12,5	200	45	9,91	2,5	90	20,22	45	10,11
20	200	106	23,34	9	140	31,46	50	11,23
25	250	189	41,62	25	190	42,69	55	12,35
31,5	200	288	63,43	60	230	51,68	65	14,6
40	200	379	83,48	90	250	56,17	70	15,73
50	200	757	166,74	150	270	60,67	80	17,97

POPPET TYPE - QCB SERIES

NPT

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +90 °C

Interchange
ISO 7241-B

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

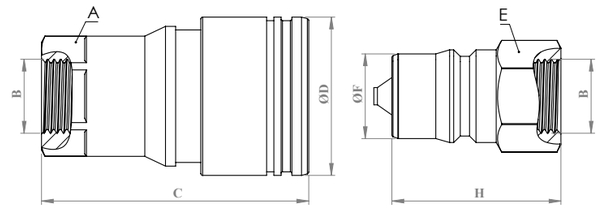
Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCB-6A-NPT14	FEMALE	A	-	-	1/4 "	D	-	-	C	-	-	-	-
	QCB-6B-NPT14	MALE	E	-	-	1/4"	F	-	-	H	-	-	-	-
10	QCB-10A-NPT38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,16	0,35
	QCB-10B-NPT38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,06	0,13
12,5	QCB-12A-NPT12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,27	0,59
	QCB-12B-NPT12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,09	0,19
20	QCB-20A-NPT34	FEMALE	A	38	1,49	3/4"	D	46,1	1,81	C	83	3,26	0,49	1,07
	QCB-20B-NPT34	MALE	E	36	1,41	3/4"	F	29	1,14	H	56	2,20	0,21	0,46
25	QCB-25A-NPT1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCB-25B-NPT1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,31	0,68

ASME.B1.20.1.NPT

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	6	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
10	10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
20	20	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
25	25	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800
40	40	6,3	914	6,3	914	6,3	914	25	3625	25	3625	25	3625
50	50	5	725	5	725	5	725	20	2900	20	2900	20	2900

INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

PUSH PULL

TECHNICAL FEATURES AND OPTIONS

CLICK HERE FOR 3D SECTION

CLICK HERE FOR 3D SECTION

Locking Mechanism
Locking Ball System

Flow Rate
Up to 45 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +100 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - Metric

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 12.5

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

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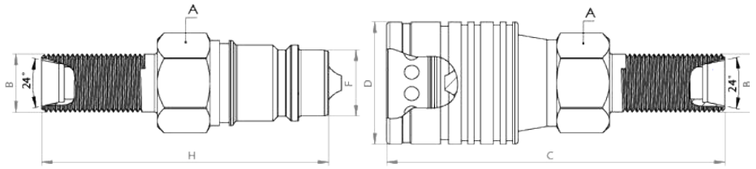
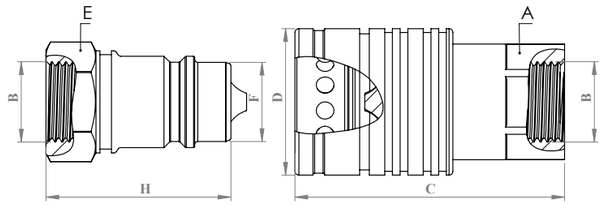
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
12.5	PPB-12A-12L	FEMALE	M	A	27	1.06	M18*1.5	D	38	1.49	C	105.5	4.01	0.32	0.70
	PPB-12B-12L	MALE	M	A	27	1.06	M18*1.5	F	20.48	0.8	H	89.5	3.52	0.14	0.30

ISO 8434-1

TECHNICAL DRAWING



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					mm	inch			mm	inch		mm	inch	kg	lbs
12.5	PP-12A-G12	FEMALE	BSP	A	27	1.06	1/2"	D	38	1.49	C	69	2.71	0.3	0.66
	QCA-12B-G12	MALE	BSP	E	27	1.06	1/2"	F	20.48	0.8	H	53.5	2.10	0.09	0.19

ISO 1179-1

PUSH PULL

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Locking Mechanism
Locking Ball System

Flow Rate
Up to 45 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +100 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - Metric

Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 12.5

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

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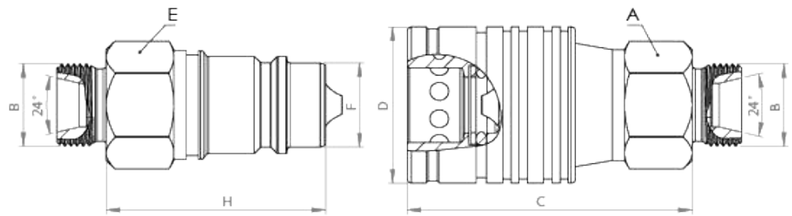
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
12,5	PP-12A-12L	FEMALE	M	A	27	1,06	18*1,5	D	38	1,49	C	80,5	3,16	0,30	0,66
	PP-12B-12L	MALE	M	E	27	1,06	18*1,5	F	20,48	0,8	H	64,5	2,53	0,11	0,24
	PP-12A-12S	FEMALE	M	A	27	1,06	20*1,5	D	38	1,49	C	81,5	3,2	0,31	0,68
	PP-12B-12S	MALE	M	E	27	1,06	20*1,5	F	20,48	0,8	H	65,5	2,57	0,12	0,26
	PP-12A-15L	FEMALE	M	A	27	1,06	22*1,5	D	38	1,49	C	81,5	3,2	0,31	0,68
	PP-12B-15L	MALE	M	E	27	1,06	22*1,5	F	20,48	0,8	H	65,5	2,57	0,12	0,26
	PP-12A-16S	FEMALE	M	A	27	1,06	24*1,5	D	38	1,49	C	83,5	3,28	0,31	0,68
	PP-12B-16S	MALE	M	E	27	1,06	24*1,5	F	20,48	0,8	H	67,5	2,65	0,12	0,26

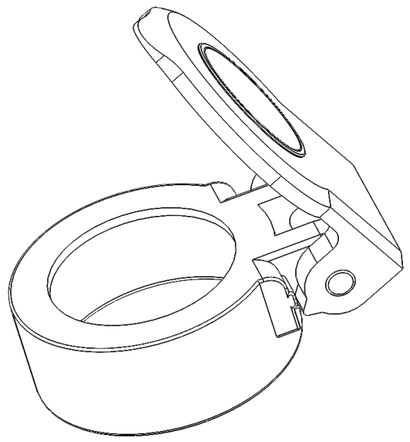
ISO 8434-1

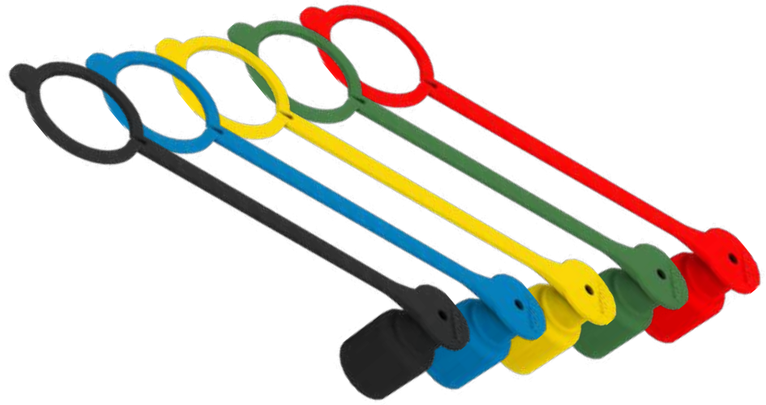
BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500

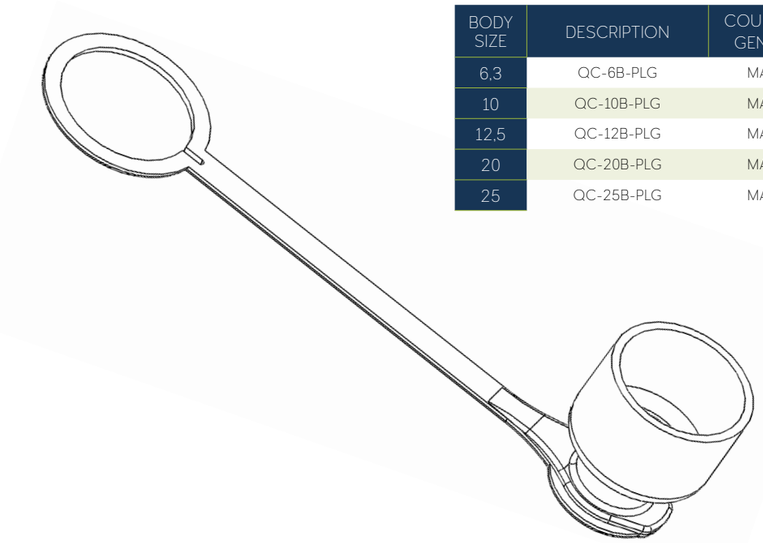
BODY SIZE	RATED FLOW			FLUID LOSS PER DIS-CONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM	ml	N	lbf	N	lbf
12,5	200	45	9,91	2,5	90	20,22	45	10,11

DUST COVERS

BODY SIZE	DESCRIPTION	COUPLING GENDER
6,3	QC-6A-PLGY	FEMALE
10	QC-10A-PLGY	FEMALE
12,5	QC-12A-PLGY	FEMALE
20	QC-20A-PLGY	FEMALE
25	QC-25A-PLGY	FEMALE

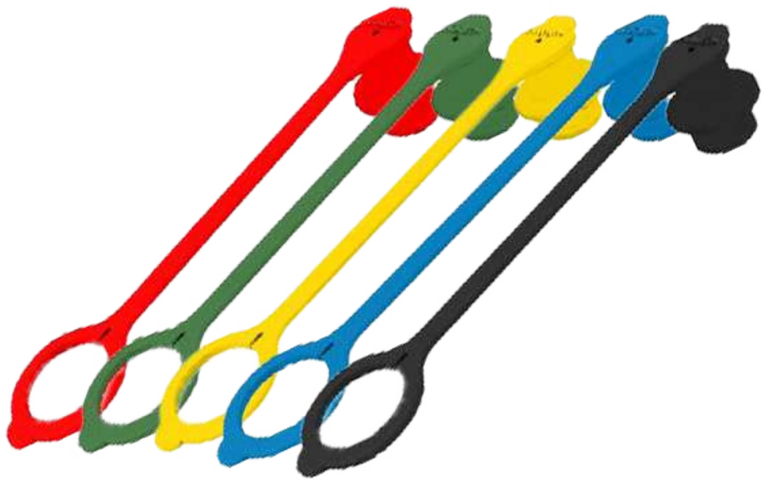




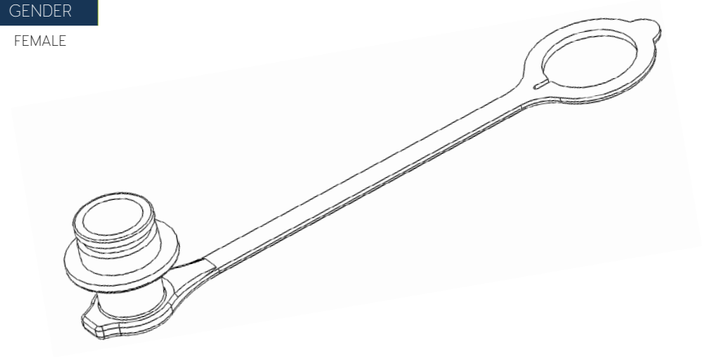


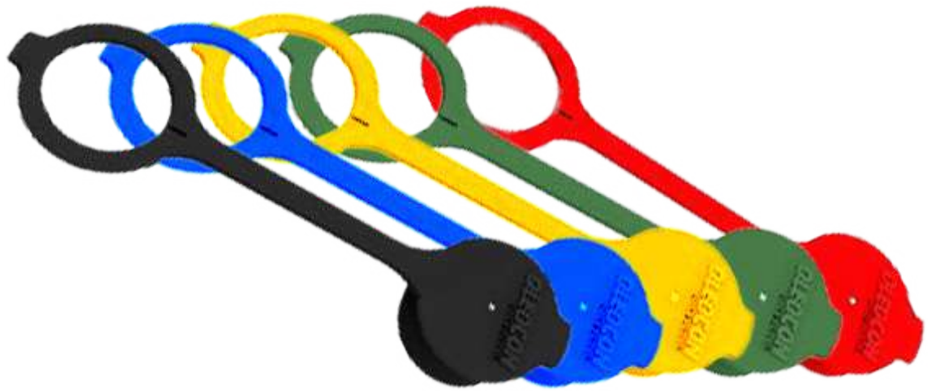
BODY SIZE	DESCRIPTION	COUPLING GENDER
6,3	QC-6B-PLG	MALE
10	QC-10B-PLG	MALE
12,5	QC-12B-PLG	MALE
20	QC-20B-PLG	MALE
25	QC-25B-PLG	MALE

DUST COVERS

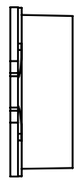


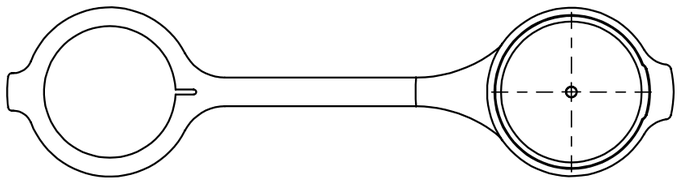
BODY SIZE	DESCRIPTION	COUPLING GENDER
12,5	QC-12A-PLG	FEMALE





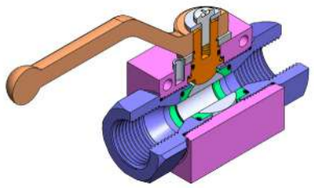
BODY SIZE	DESCRIPTION	COUPLING GENDER
12,5	QC-12A-RPG	FEMALE





BALL VALVES - KV2 SERIES

BSP



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
High Strenght
Carbon Steel
Stainless Steel

Operating Pressure
Up to 500 Bar

Available Threads
BSP - NPT - SAE - Metric

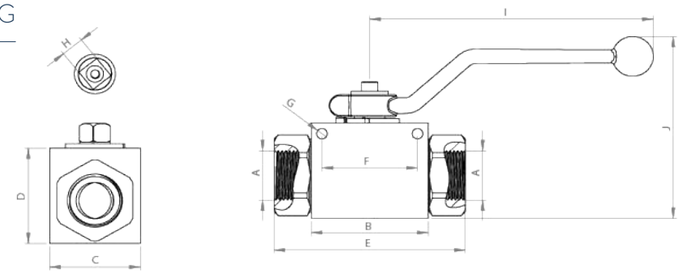
Body Sizes
DN10-25

Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-G14	1/4"	46	1,81	30	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,45	0,99
	KV2-10-G38	3/8"	46	1,81	30	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,42	0,93
12,5	KV2-12-G12	1/2"	51	2	35	1,37	40	1,57	82,5	3,24	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,62	1,37
20	KV2-20-G34	3/4"	61	2,4	45	1,77	55	2,16	92	3,62	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,26	2,79
25	KV2-25-G1	1"	71	2,79	55	2,16	60	2,36	116	4,56	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,88	4,17
	KV2-25-G114	1 1/4"	71	2,79	55	2,16	60	2,36	130	5,11	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	1,95	4,32
	KV2-25-G112	1 1/2"	71	2,79	55	2,16	60	2,36	136	5,35	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	2,05	4,55

ISO 1179-1 BSPP

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-NPT14	1/4"	46	1,81	30	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,45	0,99
	KV2-10-NPT38	3/8"	46	1,81	30	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,42	0,93
12,5	KV2-12-NPT12	1/2"	51	2	35	1,37	40	1,57	82,5	3,24	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,62	1,37
20	KV2-20-NPT34	3/4"	61	2,4	45	1,77	55	2,16	92	3,62	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,26	2,79
25	KV2-25-NPT1	1"	71	2,79	55	2,16	60	2,36	116	4,56	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,88	4,17
	KV2-25-NPT114	1 1/4"	71	2,79	55	2,16	60	2,36	130	5,11	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	1,95	4,32
	KV2-25-NPT112	1 1/2"	71	2,79	55	2,16	60	2,36	136	5,35	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	2,05	4,55

ASME.B1.20.1.NPT

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-SAE4	7/16 UNF	46	1,81	30	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,45	0,99
	KV2-10-SAE6	9/16UNF	46	1,81	30	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,42	0,93
12,5	KV2-12-SAE8	3/4UNF	51	2	35	1,37	40	1,57	82,5	3,24	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,62	1,37
20	KV2-20-SAE12	1 1/16UN	61	2,4	45	1,77	55	2,16	92	3,62	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,26	2,79
25	KV2-25-SAE16	1 5/16 UN	71	2,79	55	2,16	60	2,36	116	4,56	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,88	4,17
	KV2-25-SAE20	1 5/8 UN	71	2,79	55	2,16	60	2,36	130	5,11	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	1,95	4,32
	KV2-25-SAE24	1 7/8 UN	71	2,79	55	2,16	60	2,36	136	5,35	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	2,05	4,55

ISO 11926-1

WORKING PRESSURE													
10(6)		10		12		20		25		25 (31,5)		25 (40)	
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075

INFORMATION

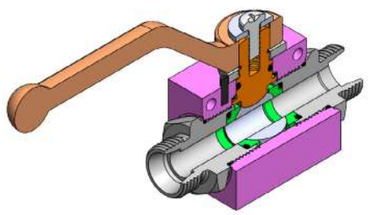
· KV2 Series 2-Way Hydraulic Ball Valves are used to shut-off or open the flow passage, and their easy operation provides unrestricted flow.
· The volumetric structure enables rapid and smooth flow and prevents cavitation.
· KV2 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
· The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

· Please ensure that the flow rate is within the usual values.
· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

BALL VALVES - KV2 SERIES

METRIC



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
High Strenght Carbon Steel
Stainless Steel

Operating Pressure
Up to 500 Bar

Available Threads
BSP - NPT - SAE - Metric

Body Sizes
DN10-25

Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

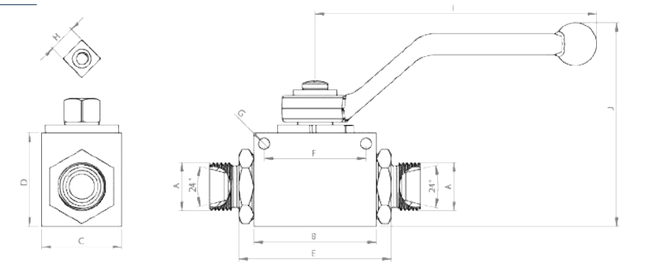
INFORMATION

· KV2 Series 2-Way Hydraulic Ball Valves are used to shut-off or open the flow passage, and their easy operation provides unrestricted flow.
· The volumetric structure enables rapid and smooth flow and prevents cavitation.
· KV2 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
· The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

· Please ensure that the flow rate is within the usual values.
· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-6L	M12*1,5	46	1,81	30	1,18	35	1,37	78	3,07	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,40	0,88
	KV2-10-8L	M14*1,5	46	1,81	30	1,18	35	1,37	78	3,07	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,42	0,93
	KV2-10-10L	M16*1,5	46	1,81	30	1,18	35	1,37	80	3,14	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,43	0,95
	KV2-10-12L	M18*1,5	46	1,81	30	1,18	35	1,37	80	3,14	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,41	0,91
12,5	KV2-12-15L	M22*1,5	51	2	35	1,37	40	1,57	89	3,5	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,60	1,33
	KV2-12-18L	M26*1,5	51	2	35	1,37	40	1,57	89	3,5	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,61	1,35
20	KV2-20-22L	M30*2	61	2,4	45	1,77	55	2,16	95	3,74	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,25	2,77
25	KV2-25-28L	M36*2	71	2,79	55	2,16	60	2,36	131	5,15	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,36	3,01
	KV2-25-35L	M45*2	71	2,79	55	2,16	60	2,36	133	5,23	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	1,95	4,32
	KV2-25-42L	M52*2	71	2,79	55	2,16	60	2,36	148	5,82	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	2,45	5,43

ISO 8434 - 1

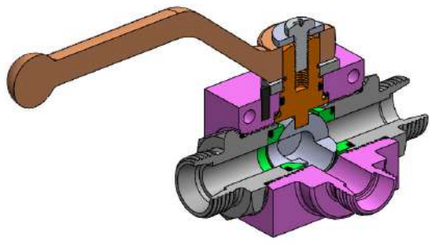
SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-6S	M14*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
	KV2-10-8S	M16*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.47	1.04
	KV2-10-10S	M18*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.43	0.95
	KV2-10-12S	M20*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.44	0.97
12,5	KV2-12-16S	M24*1.5	51	2	35	1.37	40	1.57	93	3.66	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.62	1.37
20	KV2-20-20S	M30*2	61	2.4	45	1.77	55	2.16	99	3.89	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.30	2.88
25	KV2-25-25S	M36*2	71	2.79	55	2.16	60	2.36	135	5.31	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.40	3.10
	KV2-25-30S	M42*2	71	2.79	55	2.16	60	2.36	141	5.55	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.04	4.52
	KV2-25-38S	M52*2	71	2.79	55	2.16	60	2.36	160	6.29	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.49	5.52

ISO 8434 - 1

WORKING PRESSURE														
10(6)		10		12		20		25		25 (31,5)		25 (40)		
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075	

BALL VALVES - KV3L SERIES

METRIC



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
High Strenght
Carbon Steel
Stainless Steel

Operating Pressure
Up to 500 Bar

Available Threads
BSP - NPT - SAE - Metric

Body Sizes
DN10-25

Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

INFORMATION

· OLEOCON L Port 3 Way Ball Valves direct the flow from the inlet port to one of the 2 outlet ports, without restricting the flow.
· The volumetric structure enables rapid and smooth flow and prevents cavitation.
· KV3 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
· The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

· Please ensure that the flow rate is within the usual values.
· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
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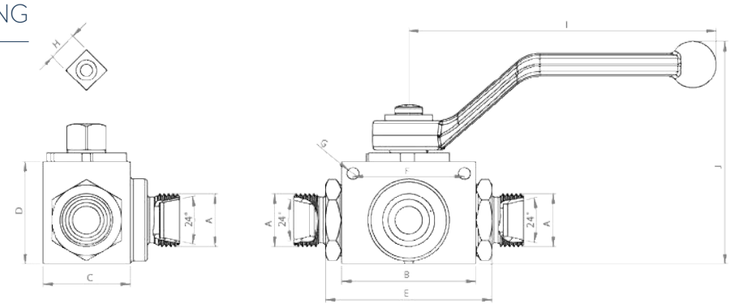
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-6L	M12*1,5	46	1,81	46	1,18	35	1,37	78	3,07	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,45	0,99
	KV3L-10-8L	M14*1,5	46	1,81	46	1,18	35	1,37	78	3,07	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,44	0,97
	KV3L-10-10L	M16*1,5	46	1,81	47	1,18	35	1,37	80	3,14	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,47	1,04
	KV3L-10-12L	M18*1,5	46	1,81	47	1,18	35	1,37	80	3,14	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,46	1,02
12,5	KV3L-12-15L	M22*1,5	51	2	54	1,37	40	1,57	89	3,5	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,71	1,57
	KV3L-12-18L	M26*1,5	51	2	54	1,37	40	1,57	89	3,5	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,72	1,59
20	KV3L-20-22L	M30*2	61	2,4	57	1,77	55	2,16	99	3,74	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,25	2,77
25	KV3L-25-28L	M36*2	71	2,79	85	2,16	60	2,36	131	5,15	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,46	3,24
	KV3L-25-35L	M45*2	71	2,79	86	2,16	60	2,36	133	5,23	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	2,75	6,10
	KV3L-25-42L	M52*2	71	2,79	94	2,16	60	2,36	148	5,82	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	3,35	7,43

ISO 8434 - 1

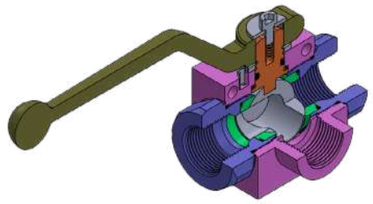
SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-6S	M14*1,5	46	1,81	48	1,18	35	1,37	82	3,22	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,50	1,11
	KV3L-10-8S	M16*1,5	46	1,81	48	1,18	35	1,37	82	3,22	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,50	1,11
	KV3L-10-10S	M18*1,5	46	1,81	49	1,18	35	1,37	82	3,22	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,47	1,04
	KV3L-10-12S	M20*1,5	46	1,81	49	1,18	35	1,37	82	3,22	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,49	1,08
12,5	KV3L-12-16S	M24*1,5	51	2	56	1,37	40	1,57	93	3,66	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,72	1,59
20	KV3L-20-20S	M30*2	61	2,4	59	1,77	55	2,16	103	3,89	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,40	3,10
25	KV3L-25-25S	M36*2	71	2,79	87	2,16	60	2,36	135	5,31	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,50	3,33
	KV3L-25-30S	M42*2	71	2,79	90	2,16	60	2,36	141	5,55	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	2,84	6,30
	KV3L-25-38S	M52*2	71	2,79	100	2,16	60	2,36	160	6,29	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	3,40	7,54

ISO 8434 - 1

WORKING PRESSURE														
10(6)		10		12		20		25		25 (31,5)		25 (40)		
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075	

BALL VALVES - KV3L SERIES

BSP - NPT - UNF



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
High Strenght
Carbon Steel
Stainless Steel

Operating Pressure
Up to 500 Bar

Available Threads
BSP - NPT - SAE - Metric

Body Sizes
DN10-25

Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

INFORMATION

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WARNING

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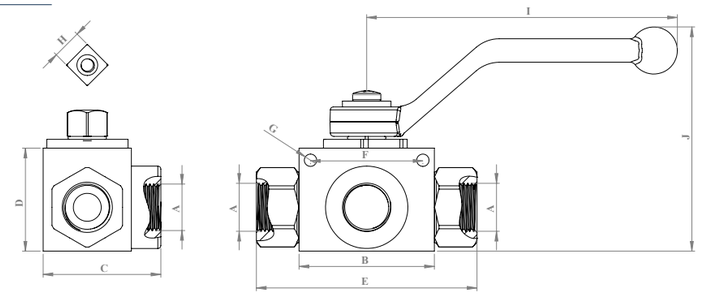
TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-G14	1/4'	46	1,81	40	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,48	1,06
	KV3L-10-G38	3/8'	46	1,81	40	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,45	0,99
12,5	KV3L-12-G12	1/2'	51	2	50	1,37	40	1,57	82,5	3,24	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,66	1,46
20	KV3L-20-G34	3/4'	61	2,4	60	1,77	55	2,16	92	3,62	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,31	2,90
25	KV3L-25-G1	1'	71	2,79	76	2,16	60	2,36	116	4,56	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,87	4,15
	KV3L-25-G114	1 1/4'	71	2,79	90	2,16	60	2,36	130	5,11	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	2,80	6,21
	KV3L-25-G112	1 1/2'	71	2,79	90	2,16	60	2,36	136	5,35	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	2,90	6,43

ISO 1179-1 BSPP

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-NPT14	1/4'	46	1,81	40	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,48	1,06
	KV3L-10-NPT38	3/8'	46	1,81	40	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,45	0,99
12,5	KV3L-12-NPT12	1/2'	51	2	50	1,37	40	1,57	82,5	3,24	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,66	1,46
20	KV3L-20-NPT34	3/4'	61	2,4	60	1,77	55	2,16	92	3,62	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,31	2,90
25	KV3L-25-NPT1	1'	71	2,79	76	2,16	60	2,36	116	4,56	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,87	4,15
	KV3L-25-NPT114	1 1/4'	71	2,79	90	2,16	60	2,36	130	5,11	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	2,80	6,21
	KV3L-25-NPT112	1 1/2'	71	2,79	90	2,16	60	2,36	136	5,35	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	2,90	6,43

ASME.B1.20.1.NPT

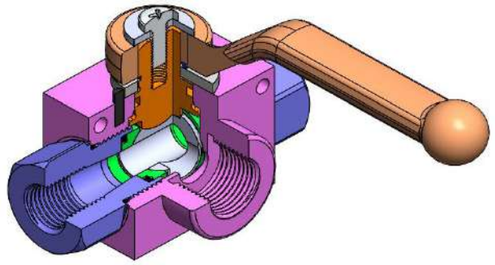
SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-SAE4	7/16 UNF	46	1,81	40	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,48	1,06
	KV3L-10-SAE6	9/16UNF	46	1,81	40	1,18	35	1,37	75	2,95	38	1,49	4,2	0,16	10	0,39	108	5,74	76	2,99	0,45	0,99
12,5	KV3L-12-SAE8	3/4UNF	51	2	50	1,37	40	1,57	82,5	3,24	41,5	1,63	5	0,19	10	0,39	108	7,48	82	3,22	0,66	1,46
20	KV3L-20-SAE12	11/16UN	61	2,4	60	1,77	55	2,16	92	3,62	50	1,96	6,5	0,25	14	0,55	175	8,7	110	4,33	1,31	2,90
25	KV3L-25-SAE16	15/16 UN	71	2,79	76	2,16	60	2,36	116	4,56	58	2,28	6,5	0,25	14	0,55	175	9,17	114	4,48	1,87	4,15
	KV3L-25-SAE20	15/8 UN	71	2,79	90	2,16	60	2,36	130	5,11	58	2,28	6,5	0,25	14	0,55	175	9,44	114	4,48	2,80	6,21
	KV3L-25-SAE24	1 7/8 UN	71	2,79	90	2,16	60	2,36	136	5,35	58	2,28	6,5	0,25	14	0,55	175	9,56	114	4,48	2,90	6,43

ISO 11926-1

WORKING PRESSURE														
10(6)		10		12		20		25		25 (31,5)		25 (40)		
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075	

BALL VALVES - KV3T SERIES

BSP - NPT - UNF



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
High Strenght
Carbon Steel
Stainless Steel

Operating Pressure
Up to 500 Bar

Available Threads
BSP - NPT - SAE - Metric

Body Sizes
DN10-25

Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

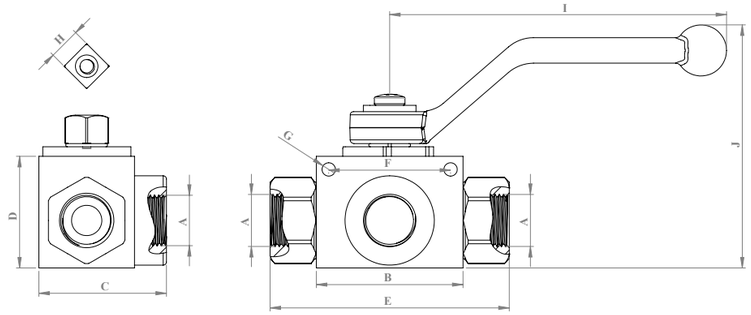
INFORMATION

· OLEOCON T Port 3 Way Ball Valves direct the flow from the inlet port to one or both of the 2 outlet ports, without restricting the flow.
· The volumetric structure enables rapid and smooth flow and prevents cavitation.
· KV3 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
· The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

· Please ensure that the flow rate is within the usual values.
· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3T-10-G14	1/4'	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3T-10-G38	3/8'	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12,5	KV3T-12-G12	1/2'	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3T-20-G34	3/4'	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3T-25-G1	1'	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3T-25-G114	1 1/4'	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3T-25-G112	1 1/2'	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

ISO 1179-1 BSPP

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3T-10-NPT14	1/4'	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3T-10-NPT38	3/8'	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12,5	KV3T-12-NPT12	1/2'	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3T-20-NPT34	3/4'	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3T-25-NPT1	1'	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3T-25-NPT114	1 1/4'	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3T-25-NPT112	1 1/2'	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

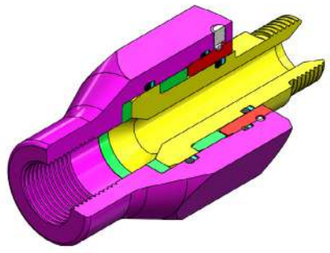
ASME.B1.20.1.NPT

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3T-10-SAE4	7/16 UNF	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3T-10-SAE6	9/16UNF	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12,5	KV3T-12-SAE8	3/4UNF	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3T-20-SAE12	1 1/16UN	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3T-25-SAE16	1 5/16 UN	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3T-25-SAE20	1 5/8 UN	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3T-25-SAE24	1 7/8 UN	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

ISO 11926-1

WORKING PRESSURE														
10(6)		10		12		20		25		25 (31,5)		25 (40)		
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075	

SWIWEL JOINT - SJS SERIES STRAIGHT



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
Carbon Steel
Stainless Steel
Brass

Operating Pressure
Up to 350 Bar

Available Threads
BSP

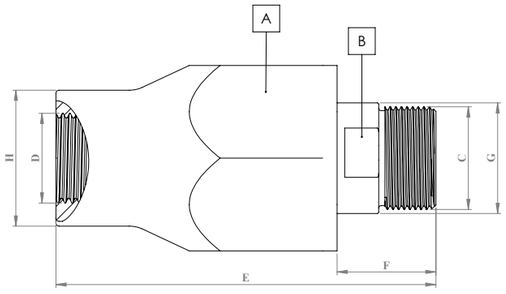
Available Sizes
From 1/4" to 1"

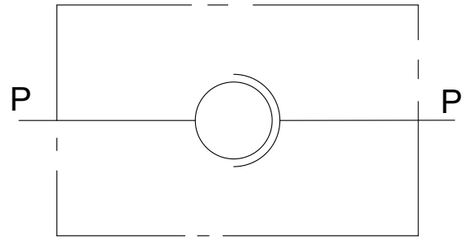
Sealing Description
NBR - FKM

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

TECHNICAL DRAWING





BODY SIZE	DESCRIPTION	Hex			THREAD SIZE		LENGTH			DIAMETER			WEIGHT	
			mm	inch				mm	inch		mm	inch	kg	lbs
06	SJS-6-G14M	A	32	1,25	C	1/4	E	73,5	2,89	G	16	0,62	0,27	0,59
		B	13	0,51	D	1/4	F	19,5	0,76	H	24	0,94		
10	SJS-10-G38M	A	36	1,41	C	3/8	E	81	3,18	G	19	0,74	0,35	0,77
		B	15	0,59	D	3/8	F	22	0,86	H	26	1,02		
12,5	SJS-12-G12M	A	41	1,61	C	1/2	E	93	3,66	G	23	0,90	0,53	1,16
		B	19	0,74	D	1/2	F	25	0,98	H	32	1,25		
19	SJS-19-G34M	A	55	2,16	C	3/4	E	108	4,25	G	29	1,14	1,06	2,33
		B	27	1,06	D	3/4	F	28	1,10	H	38	1,49		
25	SJS-25-G1M	A	60	2,36	C	1	E	123	4,84	G	36	1,41	1,35	2,97
		B	32	1,25	D	1	F	32	1,25	H	44	1,73		

ISO 8434-6 - ISO 1179-1

BODY SIZE	WORKING PRESSURE		BURST PRESSURE	
	MPa	PSI	MPa	PSI
6	35	5076	100	14504
10	35	5076	100	14504
12,5	35	5076	100	14504
19	30	4351	100	14504
25	30	4351	100	14504

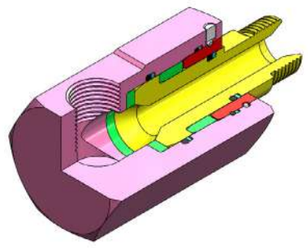
INFORMATION

· SJS Series Hydraulic Straight Swivel Joints are mounted between a moving hose end and a fixed component to prevent hose damage by compensating the torsion and twisting.
· SJS Series Hydraulic Straight Swivel Joints are not suitable for fast or continuous rotations.They are suitable for slow rotations and high pressure applications.
· Safe and easy-to-use.

WARNING

· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

SWIWEL JOINT - SJE SERIES ELBOW



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
Carbon Steel
Stainless Steel
Brass

Operating Pressure
Up to 350 Bar

Available Threads
BSP

Available Sizes
From 1/4" to 1"

Sealing Description
NBR - FKM

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

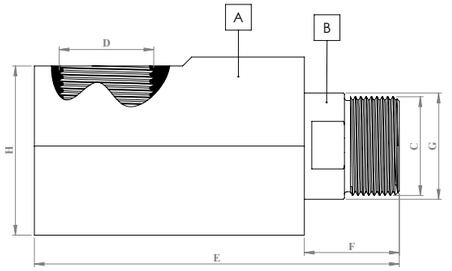
INFORMATION

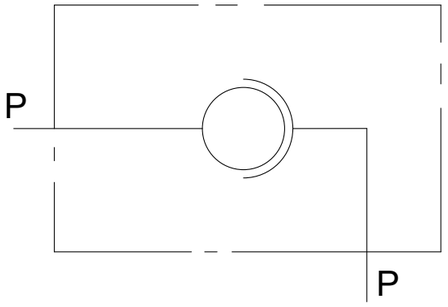
· SJE Series Hydraulic Elbow Swivel Joints are mounted between a moving hose end and a fixed component to prevent hose damage by compensating the torsion and twisting.
· SJE Series Hydraulic Elbow Swivel Joints are not suitable for fast or continuous rotations.They are suitable for slow rotations and high pressure applications.
· Safe and easy-to-use.

WARNING

· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



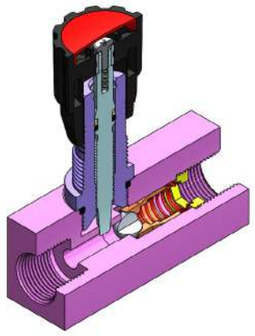


BODY SIZE	DESCRIPTION	Hex			THREAD SIZE		LENGTH			DIAMETER			WEIGHT	
			mm	inch				mm	inch		mm	inch	kg	lbs
06	SJE-6-G14M	A	32	1,25	C	1/4	E	73,5	2,89	G	16	0,62	0,32	0,70
		B	13	0,51	D	1/4	F	19,5	0,76	H	31	1,22		
10	SJE-10-G38M	A	36	1,41	C	3/8	E	81	3,18	G	19	0,74	0,44	0,96
		B	15	0,59	D	3/8	F	22	0,86	H	35	1,37		
12,5	SJE-12-G12M	A	41	1,61	C	1/2	E	93	3,66	G	23	0,90	0,64	1,40
		B	19	0,74	D	1/2	F	25	0,98	H	39	1,53		
19	SJE-19-G34M	A	55	2,16	C	3/4	E	108	4,25	G	29	1,14	1,38	3,03
		B	27	1,06	D	3/4	F	28	1,10	H	53	2,08		
25	SJE-25-G1M	A	60	2,36	C	1	E	123	4,84	G	36	1,41	1,78	3,91
		B	32	1,25	D	1	F	32	1,25	H	57	2,24		

ISO 8434-6 - ISO 1179-1

BODY SIZE	WORKING PRESSURE		BURST PRESSURE	
	MPa	PSI	MPa	PSI
6	35	5076	100	14504
10	35	5076	100	14504
12,5	35	5076	100	14504
19	30	4351	100	14504
25	30	4351	100	14504

UNIDIRECTIONAL FLOW CONTROL VALVES - FUV SERIES



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
Carbon Steel

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - SAE

Available Sizes
From 1/4" to 1/2"

Sealing Description
NBR

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

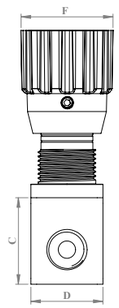
INFORMATION

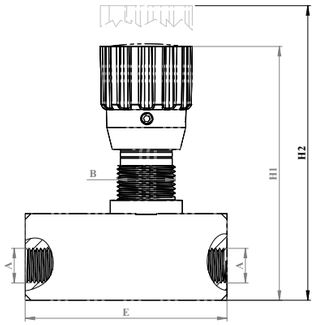
· FUV Series Hydraulic Unidirectional Flow Control Valves regulate the flow rate in one direction, while allowing free flow in the opposite direction.
· The control knob enables reliable and easy flow adjustment.
· The setscrew on the knob locks the position of the knob and prevents the position changes due to vibration.
· They are widely used, especially in industrial units and elevating work platforms, since they provide precise control of the flow rate.

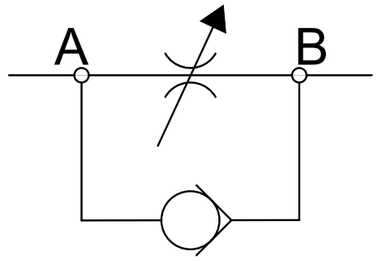
WARNING

· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING

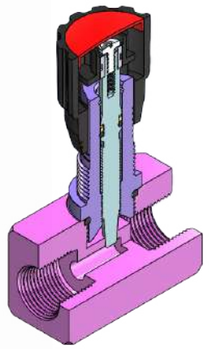






DESCRIPTION	THREAD SIZE(A)	THREAD SIZE (B)	LENGTH									WORKING PREEnsure		RATED FLOW		WEIGHT	
				mm	inch		mm	inch		mm	inch	MPa	psi	l/min	gpm	kg	lbs
OL-06-FUV-G14	G1/4	M20*1.5	C	30	1.18	E	70	2.75	H1	88	3.46	35	5075	20	5.2	0.55	1.21
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-06-FUV-NPT14	1/4 NPT	M20*1.5	C	30	1.18	E	70	2.75	H1	88	3.46	35	5075	20	5.2	0.55	1.210
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-06-FUV-SAE4	7/16 -20UNF	M20*1.5	C	30	1.18	E	70	2.75	H1	88	3.46	35	5075	20	5.2	0.55	1.210
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FUV-G38	G 3/8	M20*1.5	C	30	1.18	E	80	3.14	H1	88	3.46	35	5075	30	7.9	0.57	1.254
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FUV-NPT38	3/8 NPT	M20*1.5	C	30	1.18	E	80	3.14	H1	88	3.46	35	5075	30	7.9	0.57	1.254
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FUV-SAE6	9/16-18 UNF	M20*1.5	C	30	1.18	E	80	3.14	H1	88	3.46	35	5075	30	7.9	0.57	1.254
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-12-FUV-G12	G 1/2	M22*1.5	C	35	1.37	E	90	3.5	H1	94	3.7	35	5075	50	13.2	0.69	1.518
			D	30	1.18	F	32	1.25	H2	103	4.05						
OL-12-FUV-NPT12	1/2 NPT	M22*1.5	C	35	1.37	E	90	3.5	H1	94	3.7	35	5075	50	13.2	0.69	1.518
			D	30	1.18	F	32	1.25	H2	103	4.05						
OL-12-FUV-SAE8	3/14-16 UNF	M22*1.5	C	35	1.37	E	90	3.5	H1	94	3.7	35	5075	50	13.2	0.69	1.518
			D	30	1.18	F	32	1.25	H2	103	4.05						

BIDIRECTIONAL FLOW CONTROL VALVES - FCV SERIES



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TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Material
Carbon Steel

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - SAE

Available Sizes
From 1/4" to 1/2"

Sealing Description
NBR

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

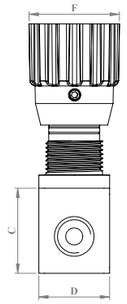
INFORMATION

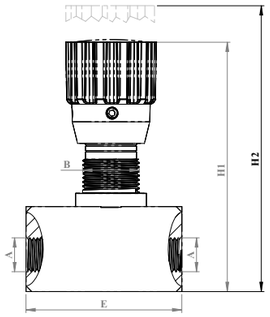
- FCV Series Hydraulic Bidirectional Flow Control Valves regulate the flow rate in both directions.
- The control knob enables reliable and easy flow adjustment.
- The setscrew on the knob locks the position of the knob and prevents the position changes due to vibration.
- They are widely used, especially in industrial units and elevating work platforms, since they provide precise control of the flow rate.

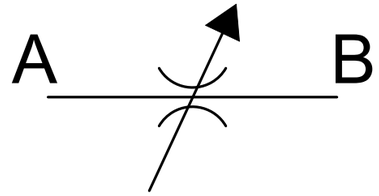
WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING

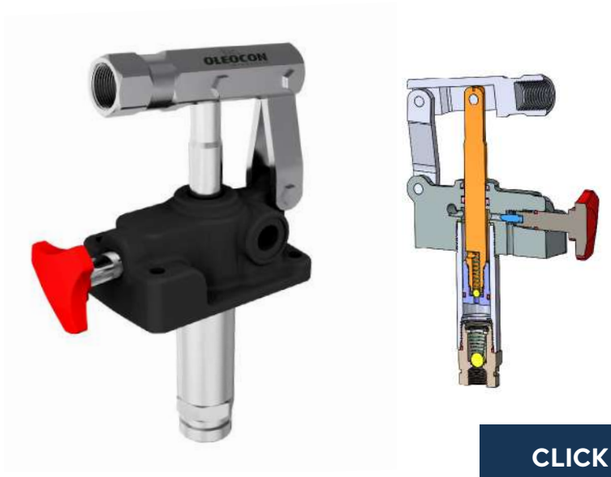






DESCRIPTION	THREAD SIZE(A)	THREAD SIZE (B)	LENGTH									WORKING PREEnsure		RATED FLOW		WEIGHT	
				mm	inch		mm	inch		mm	inch	MPa	psi	l/min	gpm	kg	lbs
OL-06-FCV-G14	G1/4	M20*1.5	C	30	1,18	E	55	2,16	H1	88	3,46	35	5075	20	5,2	0,47	1,034
			D	25	0,98	F	32	1,25	H2	97	3,81						
OL-06-FCV-NPT14	1/4 NPT	M20*1.5	C	30	1,18	E	55	2,16	H1	88	3,46	35	5075	20	5,2	0,47	1,034
			D	25	0,98	F	32	1,25	H2	97	3,81						
OL-06-FCV-SAE4	7/16 -20UNF	M20*1.5	C	30	1,18	E	55	2,16	H1	88	3,46	35	5075	20	5,2	0,47	1,034
			D	25	0,98	F	32	1,25	H2	97	3,81						
OL-10-FCV-G38	G 3/8	M20*1.5	C	30	1,18	E	55	2,16	H1	88	3,46	35	5075	30	7,9	0,45	0,99
			D	25	0,98	F	32	1,25	H2	97	3,81						
OL-10-FCV-NPT38	3/8 NPT	M20*1.5	C	30	1,18	E	55	2,16	H1	88	3,46	35	5075	30	7,9	0,45	0,99
			D	25	0,98	F	32	1,25	H2	97	3,81						
OL-10-FCV-SAE6	9/16-18 UNF	M20*1.5	C	30	1,18	E	55	2,16	H1	88	3,46	35	5075	30	7,9	0,45	0,99
			D	25	0,98	F	32	1,25	H2	97	3,81						
OL-12-FCV-G12	G 1/2	M22*1.5	C	35	1,37	E	65	2,55	H1	94	3,7	35	5075	50	13,2	0,54	1,188
			D	30	1,18	F	32	1,25	H2	103	4,05						
OL-12-FCV-NPT12	1/2 NPT	M22*1.5	C	35	1,37	E	65	2,55	H1	94	3,7	35	5075	50	13,2	0,54	1,188
			D	30	1,18	F	32	1,25	H2	103	4,05						
OL-12-FCV-SAE8	3/14-16 UNF	M22*1.5	C	35	1,37	E	65	2,55	H1	94	3,7	35	5075	50	13,2	0,54	1,188
			D	30	1,18	F	32	1,25	H2	103	4,05						

DOUBLE ACTION ONE WAY HAND PUMP



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Available Threads
BSP

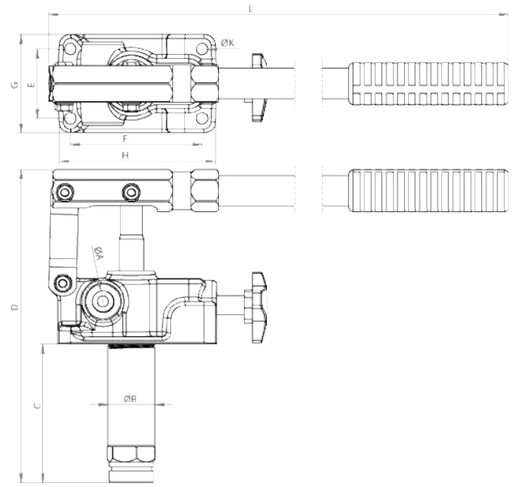
Operating Pressure
Up to 310 Bar

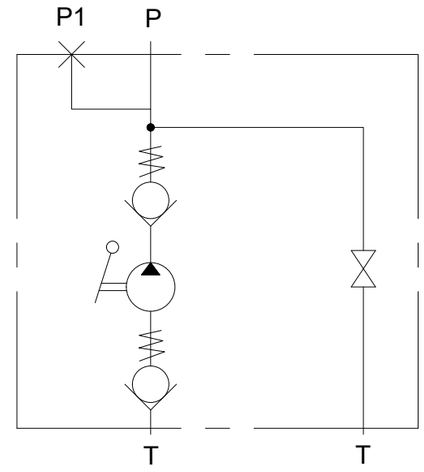
Sealing Description
NBR

Available Sizes
25 cc to 45 cc

Material
GGG40

TECHNICAL DRAWING





SIZE	DESCRIPTION	PORT A		DIAMETER		LENGTH									ØK (mm)	Flow (cc)	WEIGHT		PRESSURE	
				mm	inch		mm	inch		mm	inch		mm	inch			kg	lbs	MPa	Psi
25	OHP-25-2A-1W	G3/8	B	36	1,41	C	105	4,13	E	50	1,96	G	71	2,79	8,5	25	2950	6490	31	4496
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						
45	OHP-45-2A-1W	G3/8	B	40	1,57	C	115	4,52	E	50	1,96	G	71	2,79	8,5	45	3000	6600	15	2175
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · **HYDRAULIC INDUSTRY** · EARTH MOVING · **HYDRAULIC EQUIPMENT** · **CONCRETE VEHICLES** · VEHICLES · CHEMICAL INDUSTRY

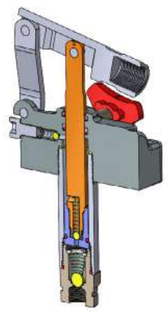
INFORMATION

- OLEOCON Double Action One Way Hand Pumps are suitable for single acting cylinders.
- They have 2 sizes (25 cc and 45 cc) and 2 handle options, in order to provide precise control over various loads and systems.
- The body is made of cast-iron and the spool is nickel- plated.
- Easy-to-use.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

SINGLE ACTION ONE WAY HAND PUMP



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Available Threads
BSP

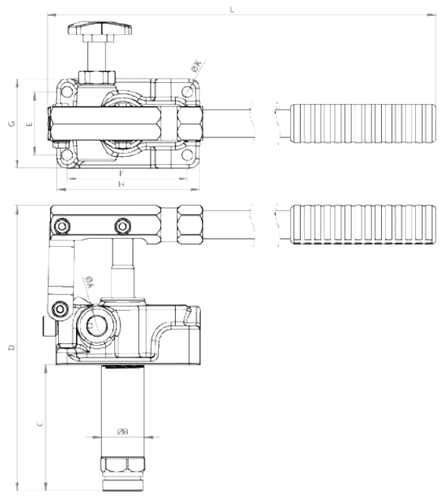
Operating Pressure
Up to 310 Bar

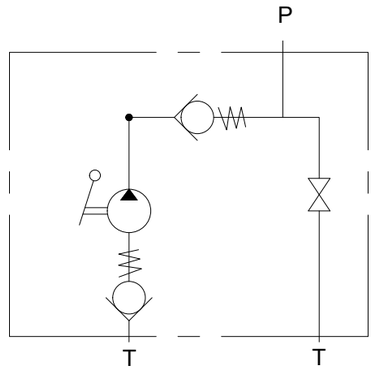
Sealing Description
NBR

Available Sizes
25 cc

Material
GGG40

TECHNICAL DRAWING





SIZE	DESCRIPTION	PORT A		DIAMETER		LENGTH									ØK (mm)	Flow (cc)	WEIGHT		PRESSURE	
				mm	inch		mm	inch		mm	inch		mm	inch			kg	lbs	MPa	Psi
25	OHP-25-1A-1W	G3/8	B	36	1,41	C	105	4,13	E	50	1,96	G	71	2,79	8,5	25	2950	6490	31	4496
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · **HYDRAULIC INDUSTRY** · EARTH MOVING · **HYDRAULIC EQUIPMENT** · **CONCRETE VEHICLES** · VEHICLES · CHEMICAL INDUSTRY

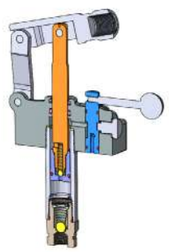
INFORMATION

· OLEOCON Single Action One Way Hand Pumps are suitable for single acting cylinders.
· They have 2 handle options, in order to provide precise control over various loads and systems.
· The body is made of cast-iron and the spool is nickel- plated.
· Easy-to-use.

WARNING

· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

DOUBLE ACTION TWO WAY HAND PUMP



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Available Threads
BSP

Operating Pressure
Up to 310 Bar

Sealing Description
NBR

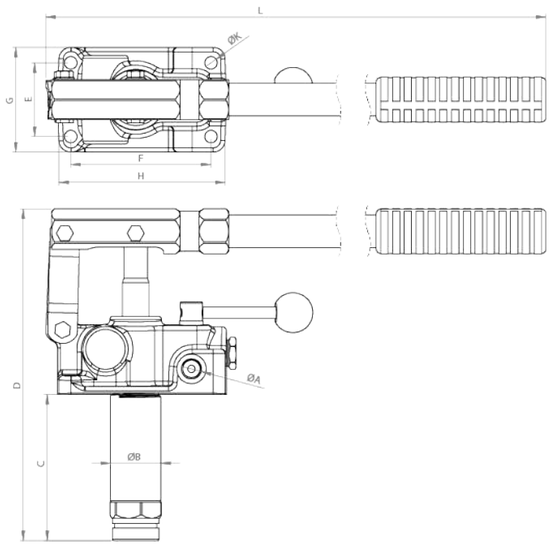
Available Sizes
25 cc to 45 cc

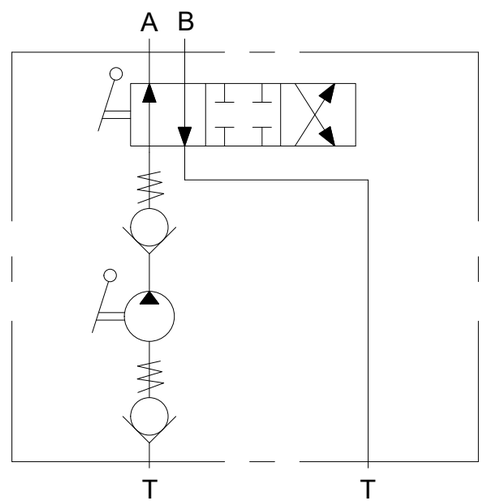
Material
GGG40

MAIN APPLICATIONS

OIL & GAS · AGRICULTURE · HYDRAULIC INDUSTRY · EARTH MOVING · HYDRAULIC EQUIPMENT · CONCRETE VEHICLES · VEHICLES · CHEMICAL INDUSTRY

TECHNICAL DRAWING





SIZE	DESCRIPTION	PORT A		DIAMETER		LENGTH									ØK (mm)	Flow (cc)	WEIGHT		PRESSURE	
				mm	inch		mm	inch		mm	inch		mm	inch			kg	lbs	MPa	Psi
25	OHP-25-2A-2W	G1/4	B	36	1,41	C	105	4,13	E	50	1,96	G	71	2,79	8,5	25	2950	6490	31	4496
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						
45	OHP-45-2A-2W	G1/4	B	40	1,57	C	115	4,52	E	50	1,96	G	71	2,79	8,5	45	3000	6600	15	2175
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						

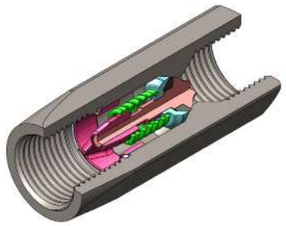
INFORMATION

· OLEOCON Double Action Two Way Hand Pumps are suitable for double acting cylinders.
· They have 2 sizes (25 cc and 45 cc) and 2 handle options, in order to provide precise control over various loads and systems.
· The body is made of cast-iron and the spool is nickel- plated.
· Easy-to-use.

WARNING

· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

CHECK VALVE



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Flow Rate
Up to 750 l / min

Material
Carbon Steel
Stainless Steel

Operating Pressure
Up to 250 Bar

Available Threads
BSP - NPT - SAE

Available Sizes
From 1/4" to 2"

Sealing Description
NBR - FKM

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

INFORMATION

· OLEOCON Check Valves can be used to prevent flow in one direction or to produce a backpressure in the system. They can also be connected to the system as a by-pass of another system component.
· OLEOCON Check Valves have a cracking pressure of 0.5 Bar, but it can be customised upon request.
· Compact and slim design.
· Easy-to-use.

WARNING

· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
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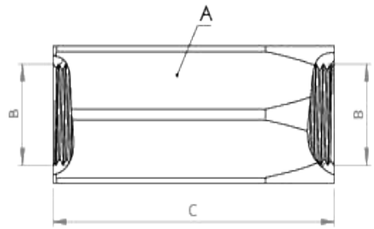
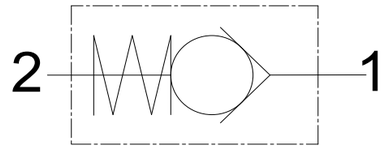
TECHNICAL DRAWING





ISO 1179-1

BODY SIZE	DESCRIPTION	Hex			THREAD	LENGTH			WEIGHT	
			mm	inch	SIZE(B)		mm	inch	kg	lbs
6,3	CV-6-G14	A	19	0,74	1/4 "	C	57	2,24	0,15	0,33
10	CV-10-G38	A	24	0,94	3/8"	C	58	2,28	0,16	0,35
12,5	CV-12-G12	A	30	1,18	1/2"	C	69	2,71	0,27	0,59
20	CV-20-G34	A	38	1,49	3/4"	C	83	3,26	0,49	1,07
25	CV-25-G1	A	46	1,81	1"	C	99,2	3,90	0,75	1,65
31,5	CV-31-G114	A	55	2,16	1 1/4 "	C	117,2	4,61	1,31	2,88
40	CV-40-G112	A	70	2,75	1 1/2 "	C	134,2	5,28	2,66	5,85
50	CV-50-G2	A	80	3,14	2"	C	160,2	6,30	3,89	8,55

ASME.B1.20.1.NPT

BODY SIZE	DESCRIPTION	Hex			THREAD	LENGTH			WEIGHT	
			mm	inch	SIZE(B)		mm	inch	kg	lbs
6,3	CV-6-NPT14	A	19	0,74	1/4 "	C	57	2,24	0,15	0,33
10	CV-10-NPT38	A	24	0,94	3/8"	C	58	2,28	0,16	0,35
12,5	CV-12-NPT12	A	30	1,18	1/2"	C	69	2,71	0,27	0,59
20	CV-20-NPT34	A	38	1,49	3/4"	C	83	3,26	0,49	1,07
25	CV-25-NPT1	A	46	1,81	1"	C	99,2	3,90	0,75	1,65
31,5	CV-31-NPT114	A	55	2,16	1 1/4 "	C	117,2	4,61	1,31	2,88
40	CV-40-NPT112	A	70	2,75	1 1/2 "	C	134,2	5,28	2,66	5,85
50	CV-50-NPT2	A	80	3,14	2"	C	160,2	6,30	3,89	8,55

ISO 11926-1

BODY SIZE	DESCRIPTION	Hex			THREAD	LENGTH			WEIGHT	
			mm	inch	SIZE(B)		mm	inch	kg	lbs
6,3	CV-6-SAE4	A	19	0,74	7/16 UNF	C	57	2,24	0,15	0,33
10	CV-10-SAE6	A	24	0,94	9/16 UNF	C	58	2,28	0,16	0,35
12,5	CV-12-SAE 8	A	30	1,18	3/4 UNF	C	69	2,71	0,27	0,59
20	CV-20-SAE12	A	38	1,49	1 1/16 UN	C	83	3,26	0,49	1,07
25	CV-25-SAE16	A	46	1,81	1 5/16 UN	C	99,2	3,90	0,75	1,65
31,5	CV-31-SAE20	A	55	2,16	1 5/8 UN	C	117,2	4,61	1,31	2,88
40	CV-40-SAE24	A	70	2,75	1 7/8UN	C	134,2	5,28	2,66	5,85
50	CV-50-SAE32	A	80	3,14	2 1/2UN	C	160,2	6,30	3,89	8,55

HOSE BURST SAFETY VALVE

CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Flow Rate
Up to 180 l / min

Material
Carbon Steel
Stainless Steel

Operating Pressure
Up to 420 Bar

Available Threads
BSP

Available Sizes
From 1/4" to 1"

Sealing Description
NBR - FKM

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

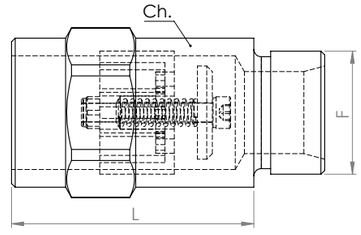
INFORMATION

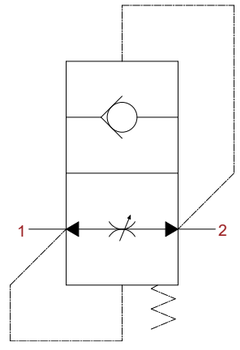
· OLEOCON Hose Burst Safety Valves prevent the sudden fall of the load in the event of a hose burst, by obstructing the sudden pressure drop in the cylinder.
· Cartridge and Inline Type Hose Burst Safety Valves are mounted directly into the cylinder.
· Hose Burst Safety Valves are normally open valves. However, when a hose bursts, instant increase in the flow overcomes the force of the spring that keeps the valve open, pushes the washer to close the line and cuts the flow.
· Safe and easy-to-use.

WARNING

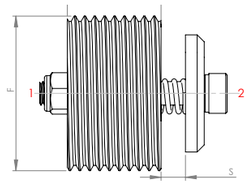
· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

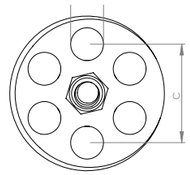
TECHNICAL DRAWING





ORDERING CODE	F	L	Ch.	WEIGHT (Kg/lbs)
HPV-101	1/4" BSP	47 (1,85)	19 (0,75)	0,08 (0,176)
HPV-102	3/8" BSP	46 (1,82)	22 (0,86)	0,10 (0,22)
HPV-103	1/2" BSP	51 (2,01)	27 (1,06)	0,16 (0,35)
HPV-104	3/4" BSP	62 (2,45)	36 (1,42)	0,34 (0,74)
HPV-105	1" BSP	65 (2,56)	41 (1,62)	0,44 (0,96)

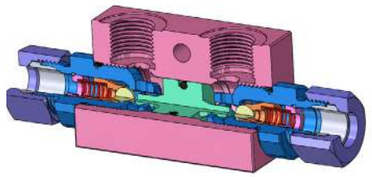




TECHNICAL CHARACTERISTICS						mm (inch)
CODE	F	C	D	L	S	WEIGHT (Kg/lbs)
HPV-101K	1/4" BSP	8,2 (0,32)	2,5 (0,10)	8 (0,32)	1,5 (0,06)	0,006 (0,013)
HPV-102K	3/8" BSP	10,4 (0,41)	3 (0,12)	10,5 (0,41)	2 (0,08)	0,013 (0,028)
HPV-103K	1/2" BSP	12 (0,47)	4 (0,16)	13 (0,51)	2 (0,08)	0,025 (0,055)
HPV-104K	3/4" BSP	15,5 (0,61)	6 (0,24)	18 (0,71)	2 (0,08)	0,05 (0,11)
HPV-105K	1" BSP	21 (0,83)	7 (0,28)	20 (0,79)	4 (0,16)	0,097 (0,21)

ISO 8434-6 - ISO 1179-1

DOUBLE ACTING
PILOT OPERATED CHECK VALVE



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Flow Rate
Up to 35 l / min

Material
Carbon Steel

Operating Pressure
Up to 350 Bar

Available Threads
Metric

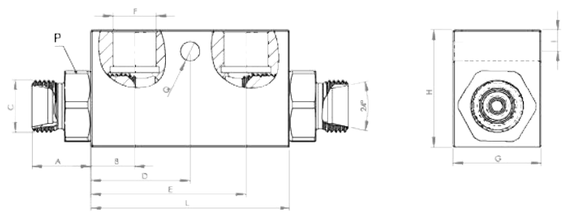
Available Sizes
Metric 12 L

Sealing Description
NBR

MAIN APPLICATIONS

OIL & GAS
AGRICULTURE
HYDRAULIC INDUSTRY
EARTH MOVING
HYDRAULIC EQUIPMENT
CONCRETE VEHICLES
VEHICLES
CHEMICAL INDUSTRY

TECHNICAL DRAWING



TECHNICAL CHARACTERISTICS													mm (inch)
CODE	F	A	B	D	E	L	C	Q	H	I	G	P	WEIGHT (Kg/lbs)
TLV-10-M18	3/8 BSP	20	15	34	53	68	M18x1,5	6,5	40	7,25	30	24	0,64 (1,40)
STEEL BODY													

ISO-8434-1 ISO 1179-1 BSPP

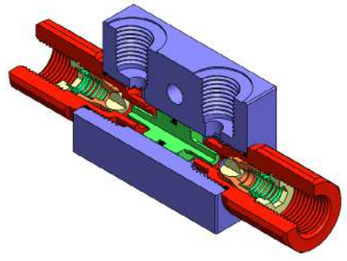
INFORMATION

· OLEOCON Double Acting Pilot Operated Check Valves allows free-flow in one direction and blocks the flow in the other direction unless pilot pressure is applied.
· The internal components undergo heat treatment, in order to provide excellent sealing.
· Easy-to-use.

WARNING

· Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
· Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
· Please ensure the alignment and full connection of the assembly parts.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

DOUBLE ACTION
PILOT OPERATION CHECK VALVE



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Flow Rate
Up to 50 l / min

Material
Carbon Steel

Operating Pressure
Up to 350 Bar

Available Threads
BSP

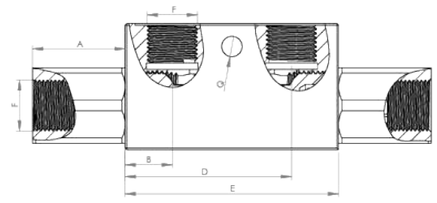
Available Sizes
From 1/4" to 1/2"

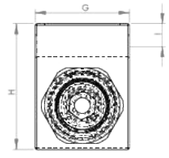
Sealing Description
NBR

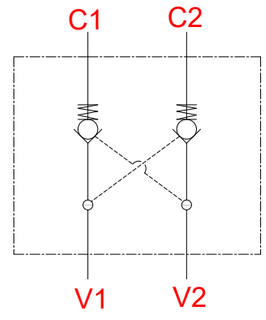
MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

TECHNICAL DRAWING







TECHNICAL CHARACTERISTICS										mm (inch)
CODE	F	A	B	D	E	C	L	Q	H	WEIGHT (Kg/lbs)
TLV-06-G14	1/4 BSP	27	11,75	46,75	58,5	25	40	11,25	6,5	0,6 (1,32)
TLV-10-G38	3/8 BSP	29,5	15	53	68	30	40	7,25	6,5	0,66 (1,45)
TLV-12-G12	1/2 BSP	36	16,5	53,5	70	30	50	10	7	0,85 (1,87)
STEEL BODY										

ISO 1179-1 BSPP

INFORMATION

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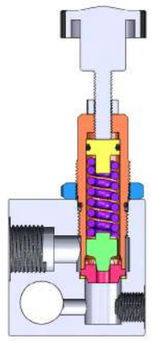
RELIEF VALVES



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +80 °C

Flow Rate
Up to 50 l / min

Material
Aluminum

Operating Pressure
Up to 350 Bar

Available Threads
BSP

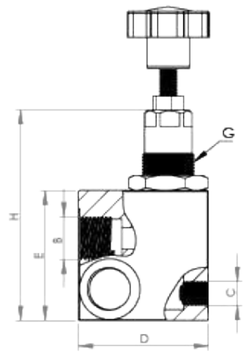
Available Sizes
From 1/2"

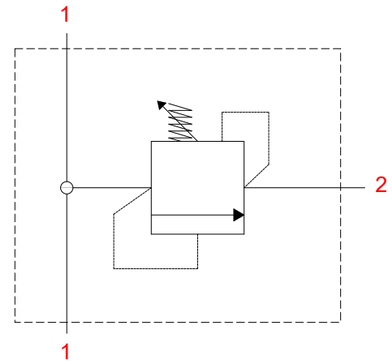
Sealing Description
NBR

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

TECHNICAL DRAWING





PRODUCT CODE	SIZE	WORKING PREASURE		Port A	Port B	Port C	G	D	E	F	H	WEIGHT	
		Mpa	psi					mm	mm	mm	mm	kg	lbs
PS-401	1/2"	41	5946	1/2"	1/2"	1/4"	M24x1,5	60	60	40	97,2	0,5	1,1

INFORMATION

- PS401 Series Hydraulic Pressure Relief Valves act as a part of the control system in hydraulic systems.
- They are used to control and limit the pressure in hydraulic circuits.
- When the system gets overloaded, Pressure Relief Valve opens and redirects the excess flow back into the hydraulic reservior, in order to keep the pressure constant.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
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- Please contact OLEOCON technical support for any further questions.

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