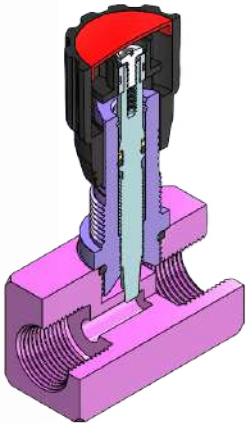


BIDIRECTIONAL FLOW CONTROL VALVES - FCV SERIES



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

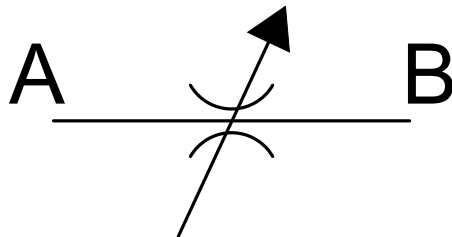
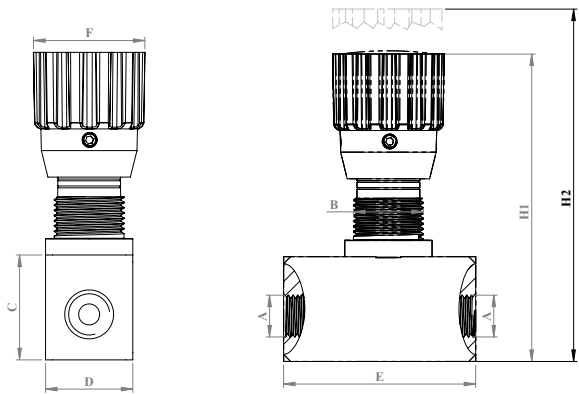


VEHICLES



CHEMICAL  
INDUSTRY

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						

- 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.

- 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.