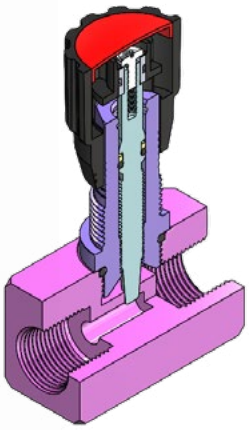
BIDIRECTIONAL FLOW CONTROL VALVES - FCV SERIES





CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS

Working Temperature
-20 °C / +100 °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

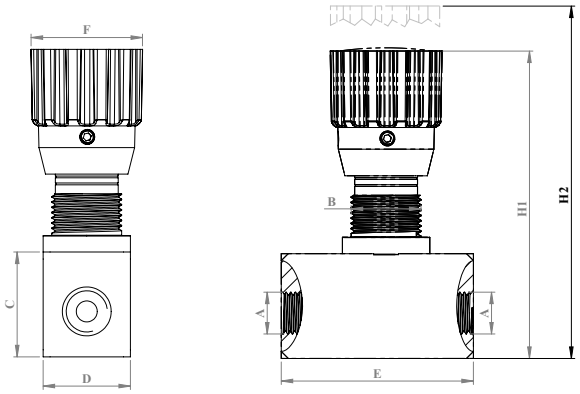
INFORMATION

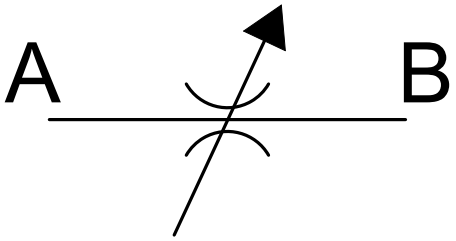
· FCV Series Hydraulic Bidirectional Flow Control Valves regulate the flow rate in both directions.
· The control knob enables reliable and easy flow adjustment.
· The setscrew on the knob locks the position of the knob and prevents the position changes due to vibration.
· They are widely used, especially 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 SİZE (B)	LENGTH									WORKING PREEnsure		RATED FLOW		WEIGHT	
				mm	inch		mm	İnch		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						