

CYLINDER END-PLUG WITH INTEGRATED CHECK VALVE AND FLOW REGULATOR

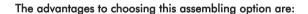




CYLINDER END-PLUG WITH INTEGRATED CHECK VALVE AND FIXED FLOW REGULATOR.

Often, cylinders need both a check valve and a fixed flow regulator, in order to control the cylinder movement and speed. Today, we present the product where both these functions are integrated as part of the cylinder end-plug. The new cartridge is screwed directly into the cylinder end-plug, carrying out both the check and flow control functions at the same time.

This solution is suitable for the third point cylinders but can also be used for all applications requiring a check valve (single or double acting), both with and without flow regulation. The flow regulator can be assembled either in rod or bottom side, depending on application requirements.



- Elimination of pipes and fittings between valve and cylinder, with benefits including:
- a. Compactness
- b. Increased safety
- c. Decreased risk of breakage
- d. Easy maintenance
- e. Improved appearance
- Increased safety due to flow regulation:
- a. Load control
- b. Elimination of operator errors while regulating the flow
- c. Reduced vibration/pulsation in the case of driving loads

- Cost savings

- a. No pipes and fittings between valve and cylinder
- b. Replacement of external check valves with integrated cartridges
- c. Reduced risk of breakage (less machine downtime)
- d. Faster maintenance





CODE	DESCRIPTION	L1	L2	L3	L4	D1	D2	D3	V1-V2	C1	C2
V1710/F0000	FVBRF 65	23.5	32	65	40	65	71	80	G3/8"	10.5	5
V1715/F0000	FVBRF 70	23.5	32	65	40	70	71	80	G3/8"	10.5	5
V1720/F0000	FVBRF 80	31	34	65	47.5	80	86	95	G3/8"	12.5	5
V1725/F0000	FVBRF 90	36	44	75	52.5	90	96	105	G3/8"	12.5	5

