

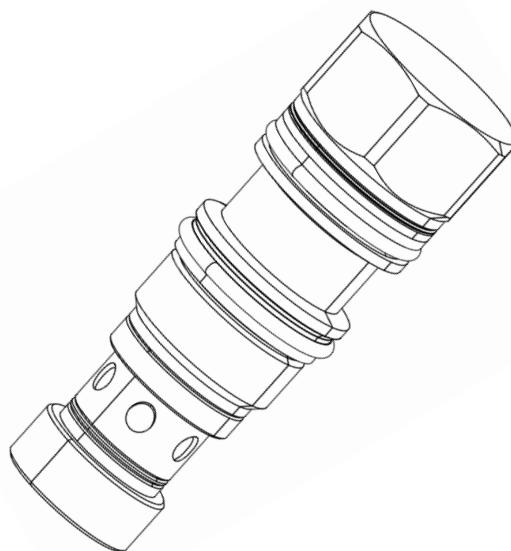
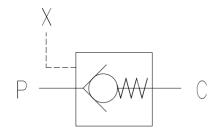
PILOT CHECK VALVE - CARTRIDGE (FKCB)



Ball Type | Cartridge or Line Mounted | 350 bar

Specification/ Technical Data

Max. Operating Pressure	350 bar
Cracking Pressure	~ 1.0 bar
Pilot Pressure	350 bar
Area Ratio	3:1
Max Flow at ΔP 15bar	40 LPM
Design	Spring Loaded Ball
Body Material	Carbon Steel
Media	Mineral Oil
Oil Temperature Range	+10 to 60°C
Oil Viscosity	ISO VG 46-100
Oil Cleanliness (ISO 4406)	20/18 /15
Orientation	Any
Weight (approx.)	0.25 (1.0) Kg



Pilot operated check valves are non-return valves that block oil flow in one direction and can be released using a hydraulic pilot line. In the opposite direction, the valves will allow free oil flow.

FKCB valves are cartridge type valves that fit into a standard cavities. These valves are ideal for applications where load holding functions are required or where creeping movement of the hydraulic cylinders need to be arrested.

Note: Refer PCV-05 catalogue for 700bar version

A line mounted version is also available with independent P, C and X threaded ports.

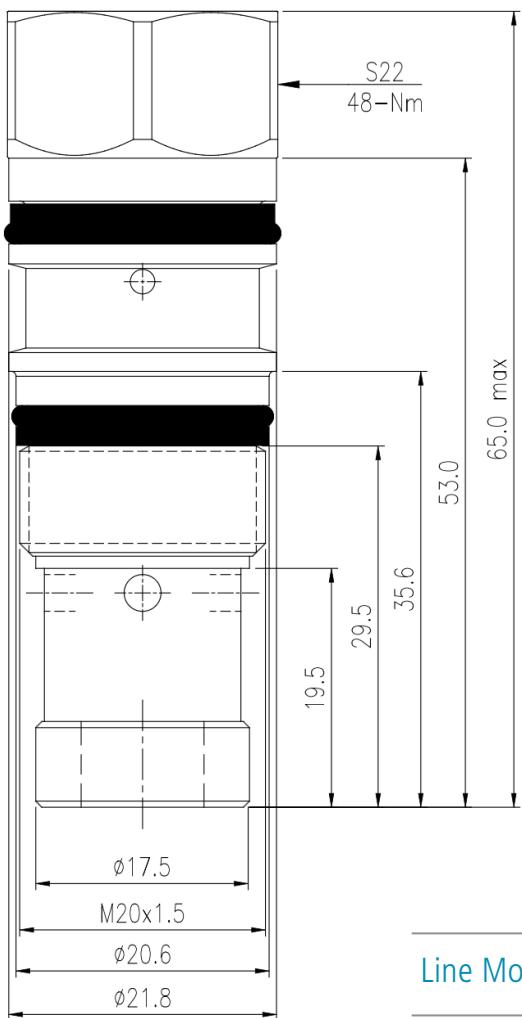
Ordering Information

Basic Code	Pilot Check Valve	FKCB
Cracking Pr.	1.0 bar	-
Seal MOC	Viton	-
Type	Cartridge/ Line (L)	No code/ L
Version		1x

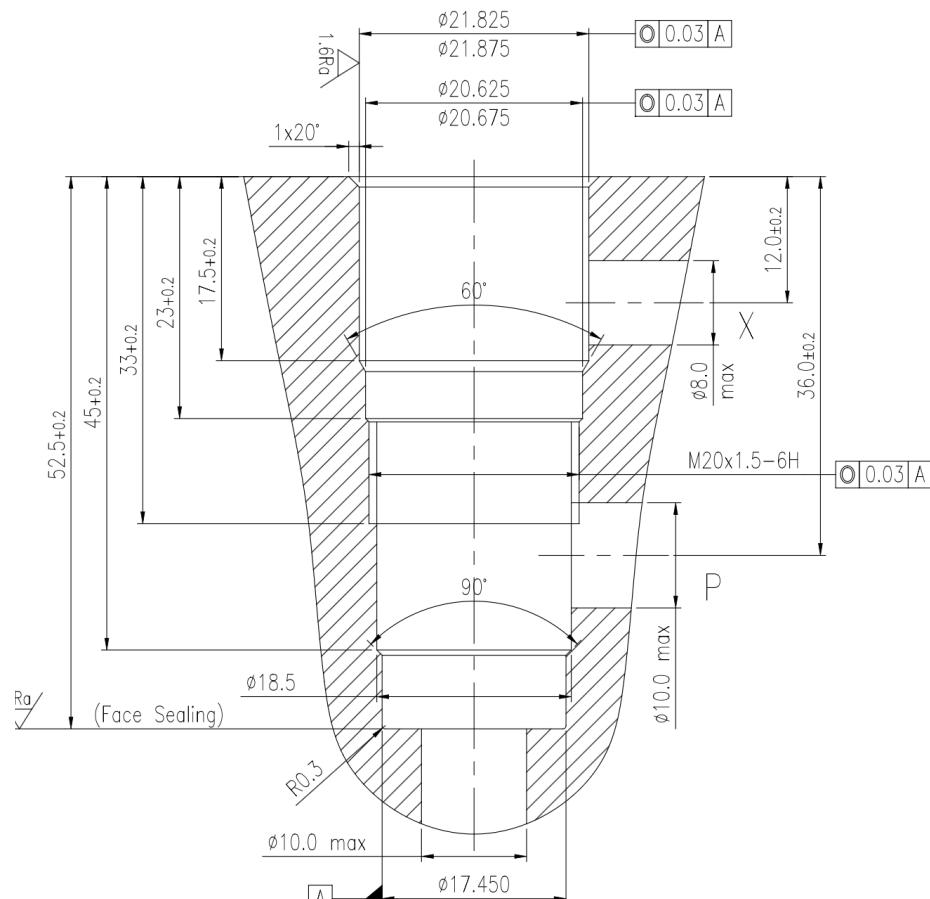
Key Features:

- Designed to fit into standard cavity
- Customisation option available
- Low leakage design
- Viton seals as standard

Dimensions



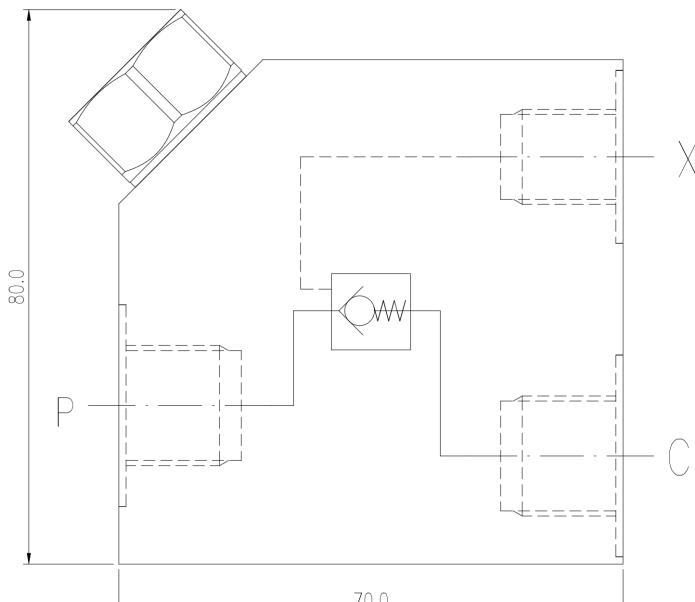
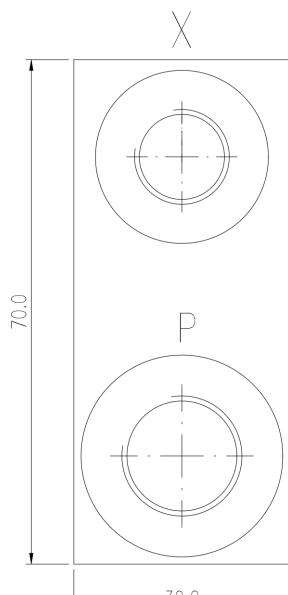
Cavity Details



Line Mounted Version

P & C ports: 3/8" BSP (F)
X port: 1/4" BSP (F)

All dimensions in mm



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