

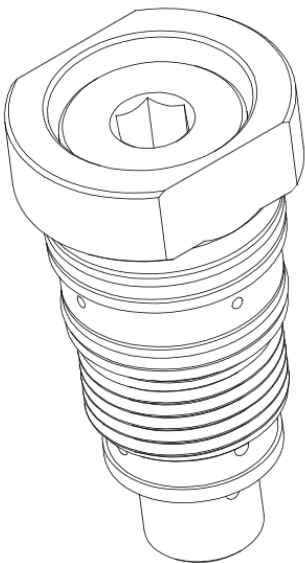
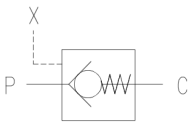
PILOT CHECK VALVE - CARTRIDGE



Ball Type | Cartridge and Line Mounted |700 bar

Specification/ Technical Data

Max. Operating Pressure	700 bar
Cracking Pressure	1.5 bar
Pilot Pressure	350 bar
Area Ratio	5.75
Max Flow at ΔP 15bar	20 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.)	0.35 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. The construction allow the valves to be screwed into the tapped holes in any manifold body. 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 PSR type for 2-bolt mounted version

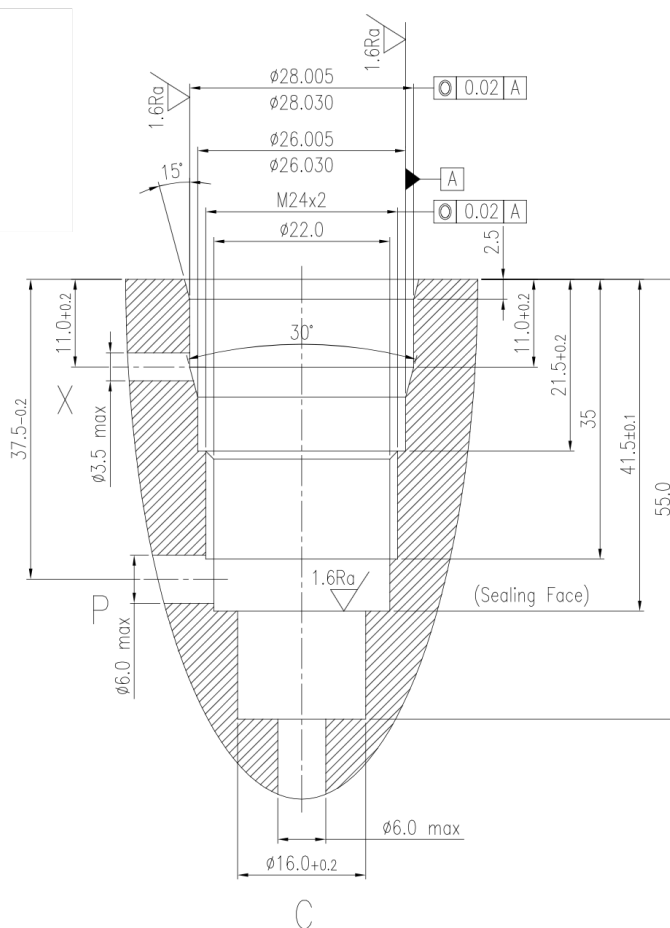
- Available as cartridge and line mounted type
- Zero leakage valves in closed condition
- Ball seat type design

Ordering Information

Basic Code	Pilot Check Valve	PCV
Size	NG5	05
Type	Cartridge (K)/ Line (Single/ Double)	K/ LS/ LD
Version		1x

Technical drawing of a 1/2" NPT female adapter. The side view shows a total length of 65.0 mm max, with a 12.5 mm section at the bottom. The top section has a 31.1 mm length and a 20.5 mm section below it. The bottom section has a 12.5 mm length. The top flange has a diameter of 34.0 mm. The bottom flange has a diameter of 28 mm. The central hole has a diameter of 26 mm. The bottom flange has a thread of M24x2. The side view also shows a 'Sealing Face' label. The top view shows a circular flange with a diameter of 28.0 mm.

Cavity Details



SealKit - PCV05	SSVPCV051x
-----------------	------------

This document including the data, specifications and other product information are the exclusive property of BEMCO FLUIDTECHNIK LLP. It may not be reproduced or shared to third parties without written consent. The data specified above only serve to describe the product and no statements concerning a certain condition or suitability for a certain application can be derived from this information. The information given does not release the user from the obligation of own judgment and verification of suitability of the product for the application requirements.

