

Check Valves

4CK30

Pilot Operated Check Valve, Port 3 Pilot to Open

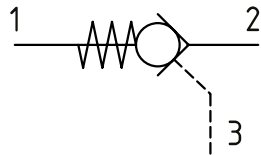
350 bar [5000 psi] • 30 l/min [8 US gpm]



DESCRIPTION AND OPERATION

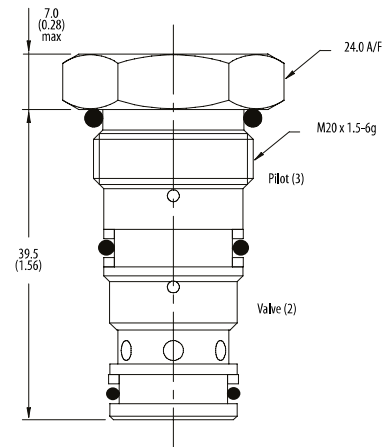
This is a pilot operated check valve where free flow takes place from port 2 to 1 and is blocked from port 1 to 2 until pilot pressure is applied to port 3.

SCHEMATIC



DIMENSIONS

mm [in]

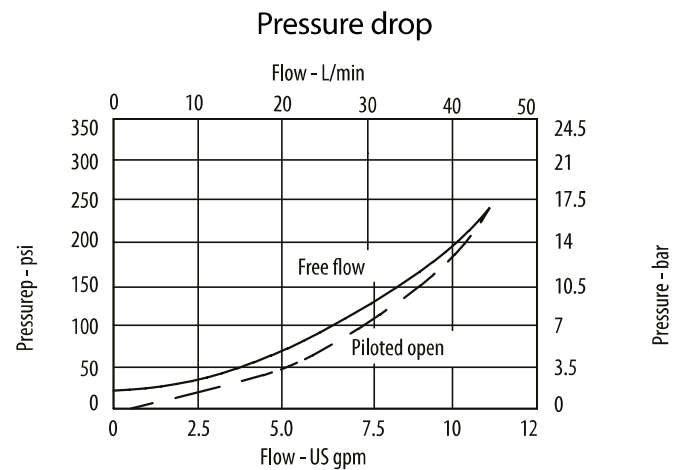


Installation torque
45 Nm [33 ft. lbs]

PERFORMANCE DATA

Rated pressure	350 bar [5000 psi]
Rated flow	30 l/min [8 US gpm]
Weight	0.08 kg [0.18 lb]
Pilot Ratio	3:1
Leakage	0.3 ml/min nominal [5 drops/min]
Cavity	A6610

PERFORMANCE CURVES



MODEL CODE

4CK35 - 1 - 3W - S - 3 - 377

Basic Code

4CK30-No Housing
4CK35-Cartridge and Housing
4CKK34-Cartridges and Dual Housing

Pilot Port Size

1-Internal

Housing

Code	Ports	Housing Model Code			
		Aluminium single	Steel single	Aluminium double	Steel double
Omit	No Housing				
3W	3/8" BSP. 1/4" BSP Pilot Port	B6743	B12823	B6836	B13803
6T	3/8" SAE. 1/4" SAE Pilot Port	B10536	B11560	B10805	B11630
8T	1/2" SAE. 1/4" SAE Pilot Port	B7884	B11811	B30237	B11812

*Aluminum bodies are to be used for pressures less than 210 bar [3000 psi]
* Additional housings available

Housing Material

Omit-Aluminum/No housing
377-Steel

Pilot Seal Option

Omit - No seals
3 - Seals

Seal Option

Code	Seal kit
S-Nitrile	SK430
SV-Viton	SK430V