

Check Valves

5CK300

Pilot Operated Check Valve, Port 3 Pilot to Close

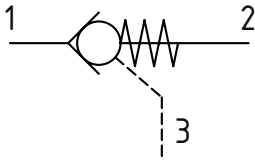
350 bar [5000 psi] • 250 l/min [65 US gpm]



DESCRIPTION AND OPERATION

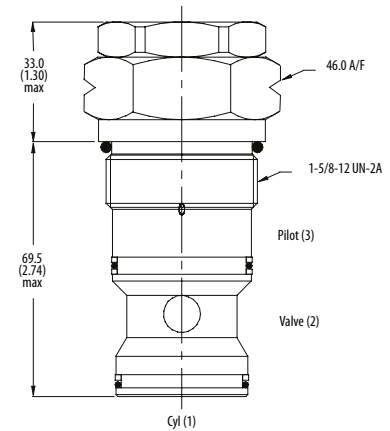
This is a pilot to close check valve where flow is blocked between port 2 and 1 and free flow takes place from port 1 to 2 until pilot pressure is applied to port 3.

SCHEMATIC



DIMENSIONS

mm [in]

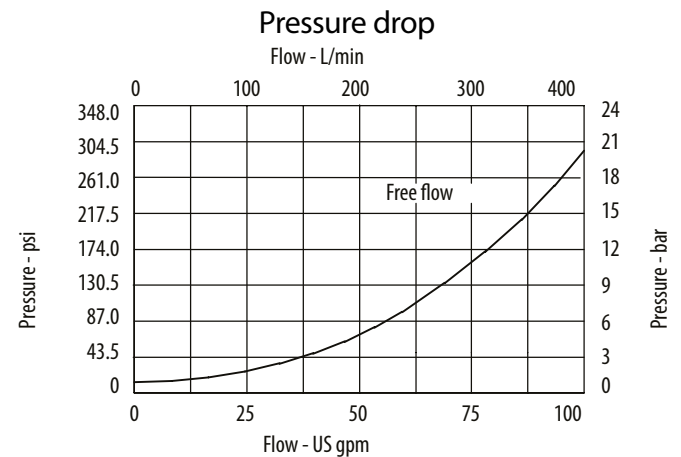


Installation torque
150 Nm [110 ft. lbs]

PERFORMANCE DATA

Rated pressure	350 bar [5000 psi]
Rated flow	250 l/min [65 US gpm]
Weight	0.73 kg [1.61 lbs]
Pilot Ratio	2:1
Leakage	0.3 ml/min nominal [5 dpm]
Cavity	A6935

PERFORMANCE CURVES



MODEL CODE

5CK300 - 1 - 10W - S - 2 - 377

Basic Code

5CK300-No Housing
5CK350-Cartridge and housing

Pilot Option

1-Internal

Housing

Code	Ports	Housing Model Code	
Omit	No Housing	Aluminum	Steel
10W	1 1/4" BSP 1/4" BSP/SAE Pilot Port	B6814	B8610
20T	1 1/4" SAE 1/4" BSP/SAE Pilot Port	B10630	B11474

*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 Ratio

2-2:1

Seal Option

Code	Seal kit
S-Nitrile	SK834
SV-Viton	SK834V