

Check Valves

CV11-16

Check Valve, Standard Direction
350 bar [5000 psi] • 151 l/min [40 US gpm]

DESCRIPTION AND OPERATION

This is a check valve where free flow takes place from port 1 to 2 and is blocked from port 2 to 1.

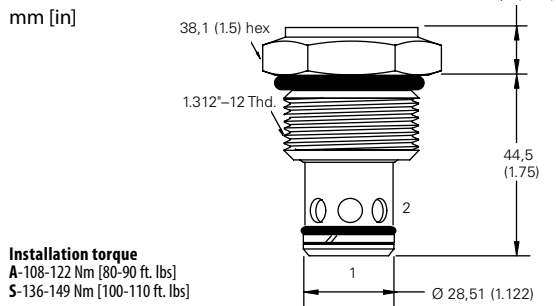
SCHEMATIC



PERFORMANCE DATA

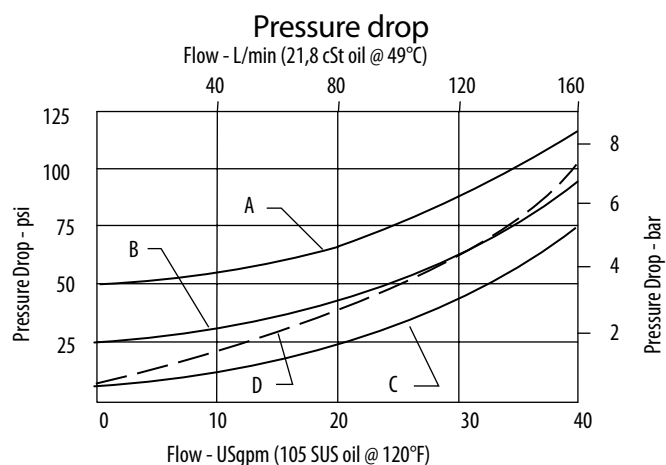
Rated pressure	350 bar [5000 psi]
Rated flow	151 l/min [40 US gpm]
Leakage	5 drops/min. maximum @ 210 bar [3000 psi]
Weight	0,26 kg [0.58 lbs.]
Cavity	SDC16-2

DIMENSIONS



Installation torque
 A-108-122 Nm [80-90 ft. lbs]
 S-136-149 Nm [100-110 ft. lbs]

PERFORMANCE CURVES



MODEL CODE

CV11 - 16 - V - P - 0 - 5 - 0

Seal Option

Code	Seal Kit
Omit-Buna-N	565810
V-Viton	889609

Style

P-Poppet type

Housing

Code	Ports	Housing Model Code		
		Aluminum standard duty	Aluminum heavy duty	Steel heavy duty
0	No Housing			
6B	3/4" BSP	02-175463	-	
10T	#10 SAE	-	-	02-175104
12T	#12 SAE	566149	-	02-175105
4G	1/2" BSP	-	876716	02-175106
6G	3/4" BSP	-	876718	02-175107
10H	#10 SAE	-	876717	
12H	#12 SAE	-	566113	

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

* Additional housings available

Housing Material

Omit - no housing
 A - Aluminum
 S - Steel

Crack Pressure

Code	Bar	Psi
5	0.34	[5]
20	1.34	[20]
30	2.07	[30]
40	2.67	[40]
50	3.45	[50]
100	6.90	[100]