

GENERAL INFORMATION

- Pilot Operated Check Valves for Cylinder
- Mounting for pneumatic use

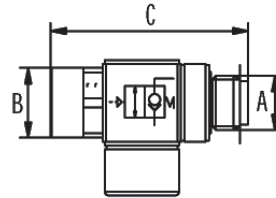
SPECIFICATION

INTERNAL TURNED PARTS	: Brass
EXTERNAL TURNED PARTS	: Zink plated brass
PLATING	: Galvanic zink
SPRINGS	: Stainless steel
STAMPED PARTS	: Stainless steel
PLASTIC PARTS	: PA
SEALING ELEMENTS	: NBR
SUITABLE FLUIDS	: Compressed air, lubricated or not lubricated
OPERATING PRESSURE	: 1 to 10 bar
TEMPERATURE RANGE	: -10 to +70 °C



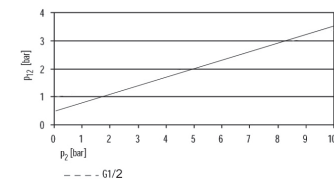
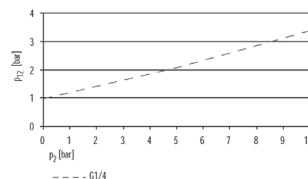
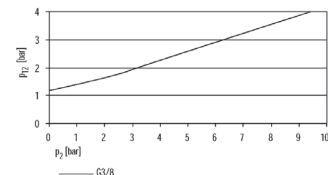
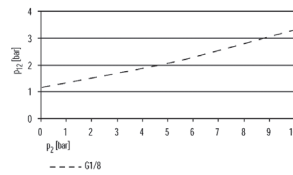
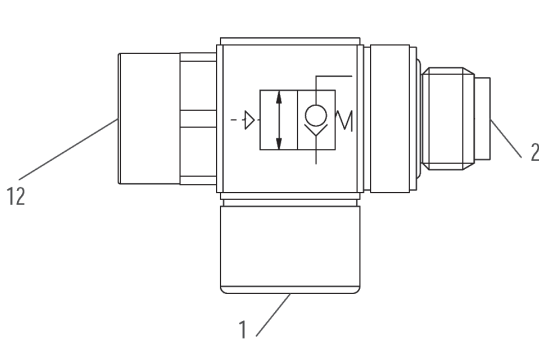
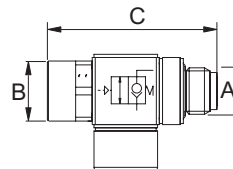
NCPPG Pilot Operated Check Valve, Push-In Fitting

catalogue number	Thread A G	B SW	C mm	Max. tightening torque Nm	Pilot port thread	E Ø mm
NCPPG-004-000	1/8"	13	41	10	M5	4
NCPPG-006-000	1/8"	13	41	10	M5	6
NCPPG-008-000	1/8"	13	41	10	M5	8
NCPPG-006-001	1/4"	17	48	12	M5	6
NCPPG-008-001	1/4"	17	48	12	M5	8
NCPPG-010-001	1/4"	17	48	12	M5	10
NCPPG-008-002	3/8"	22	55	20	M5	8
NCPPG-010-002	3/8"	22	55	20	M5	10



NCPGG Pilot Operated Check Valve, Thread (fem.)

catalogue number	Thread A G	B SW	C mm	Max. tightening torque Nm	Pilot port thread	D
NCPGG-000-000	1/8"	13	41	10	M5	1/8"
NCPGG-001-001	1/4"	17	48	12	M5	1/4"
NCPGG-002-002	3/8"	22	55	20	M5	3/8"
NCPGG-003-003	1/2"	27	65.5	30	M5	1/2"



Signal pressure characteristics min. signal pressure p_{12} to open the valve $p_1 = 7$ bar

Flow from 2 to 1 (SLPM)

$p_1 = 5$ bar	$p_2 = 6$ bar	$p_{12} = 6$ bar
G1/8	G1/4	G3/8
289	676	1156
		G1/2
		1910

Flow from 1 to 2 (SLPM)

$p_1 = 5$ bar	$p_2 = 6$ bar	$p_{12} = 0$ bar
G1/8	G1/4	G3/8
128	617	1168
		G1/2
		1888