

Poppet Valves

Manually and Mechanically actuated Series CA



Technical Data

Operating Pressure	0+ 12 bar
Working Temperature	0 + 70 °C (-20 °C with dry air)
Fluid	Filtered, unlubricated or lubricated compressed air
Port Size	G1/8 - G1/4 - G1/2
Nominal diameter	G1/8=6mm - G1/4=8mm - G1/2=12mm
Controls	
Mechanical	Plunger, Roller lever, short roller lever, unidirectional roller lever
Manual	Tapper, push-button, mushroom, vertical knob, lateral knob, lateral hand-wheel

Mechanically actuated valves

TYPE	Symbol	Function	Controls		Flow rate at 6 bar $\Delta P=1$ bar (NI/min)	Port Size
			Pilot	Return		
AS8		3/2 N.O. monostable	Plunger	Mechanical spring	740	G1/8
AS4					950	G1/4
AS2					2200	G1/2
CS8		3/2 N.C. monostable	Plunger	Mechanical spring	815	G1/8
CS4					950	G1/4
CS2					2250	G1/2
ALR8		3/2 N.O. monostable	Roller lever	Mechanical spring	740	G1/8
ALR4					950	G1/4
ALR2					2200	G1/2
CLR8		3/2 N.C. monostable	Roller lever	Mechanical spring	815	G1/8
CLR4					950	G1/4
CLR2					2250	G1/2
ALRU8		3/2 N.O. monostable	Unidirectional Roller lever	Mechanical spring	740	G1/8
ALRU4					950	G1/4
ALRU2					2200	G1/2
CLRU8		3/2 N.C. monostable	Unidirectional Roller lever	Mechanical spring	815	G1/8
CLRU4					950	G1/4
CLRU2					2250	G1/2
FCS8		3/2 N.C. monostable	Plunger	Mechanical spring	815	G1/8
FCS4					950	G1/4
FCLR8						3/2 N.C. monostable
FCLR4	950	G1/4				
FCLRU8		3/2 N.C. monostable	Unidirectional Roller lever	Mechanical spring		
FCLRU4					950	G1/4
CASS8						5/2 monostable
CASS4	1040	G1/4				
CASS2	2050	G1/2				
CALR8		5/2 monostable	Roller lever	Mechanical spring	650	G1/8
CALR4					1040	G1/4
CALR2					2050	G1/2
CALRU8		5/2 monostable	Unidirectional Roller lever	Mechanical spring	650	G1/8
CALRU4					1040	G1/4
CALRU2					2050	G1/2

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Manually actuated valves

TYPE	Symbol	Function	Controls		Flow rate at 6 bar $\Delta P=1$ bar (NI/min)	Port Size
			Pilot	Return		
AT8		3/2 N.O. monostable	Tapper	Mechanical spring	740	G1/8
AT4					950	G1/4
AT2					2200	G1/2
CT8		3/2 N.C. monostable	Tapper	Mechanical spring	815	G1/8
CT4					950	G1/4
CT2					2250	G1/2
AQF8		3/2 N.O. monostable	Mushroom	Mechanical spring	740	G1/8
CQF8		3/2 N.C. monostable	Mushroom	Mechanical spring	815	G1/8
AM8		3/2 N.O. monostable	Vertical knob	Mechanical spring	740	G1/8
AM4					950	G1/4
AM2					2200	G1/2
CM8		3/2 N.C. monostable	Vertical knob	Mechanical spring	815	G1/8
CM4					950	G1/4
CM2					2250	G1/2
AM8F		3/2 N.O. bistable	Vertical knob	Vertical knob	740	G1/8
AM4F					950	G1/4
AM2F					2200	G1/2
CM8F		3/2 N.C. bistable	Vertical knob	Vertical knob	815	G1/8
CM4F					950	G1/4
CM2F					2250	G1/2

Manually actuated valves

TYPE	Symbol	Function	Controls		Flow rate at 6 bar $\Delta P=1$ bar (NI/min)	Port Size
			Pilot	Return		
CAT8		5/2 monostable	Tapper	Mechanical spring	650	G1/8
CAT4					1040	G1/4
CAT2					2050	G1/2
CAM8		5/2 monostable	Vertical knob	Mechanical spring	650	G1/8
CAM4					1040	G1/4
CAM2					2050	G1/2
CAM8f		5/2 bistable	Vertical knob	Vertical knob	650	G1/8
CAM4F					1040	G1/4
CAM2F					2050	G1/2
CCM8		5/3 monostable open centre	Vertical knob	Mechanical spring	815	G1/8
CCM4					950	G1/4
CCM2					2250	G1/2
CCM8F		5/3 stable open centre	Vertical knob	Vertical knob	815	G1/8
CCM4F					950	G1/4
CCM2F					2250	G1/2
HCCM8		3/3 monostable closed centre	Vertical knob	Mechanical spring	815	G1/8
HCCM4					950	G1/4
HCCML8F		3/3 stable closed centre	Vertical knob	Mechanical spring	815	G1/8
HCCML4F					950	G1/4
XH4CM8		5/3 monostable closed centre	Vertical knob	Mechanical spring	815	G1/8
XH4CM4					950	G1/4
XH4CM2					2250	G1/2
XH4CM8F		5/3 stable closed centre	Vertical knob	Vertical knob	815	G1/8
XH4CM4F					1400	G1/4
XH4CM2F					2250	G1/2