

Globe valves



Globe valves, PN 16, 120°C

		(Control) Operating range		Emergency control function Emergency setting position	LV..A..	NV..A..	SV..A..	AVK..A..	EV..A..	RV..A..
Actuating time					500 N 15 mm	1000 N 20 mm	1500 N 20 mm	2000 N 32 mm	2500 N 40 mm	4500 N 40 mm
3-point	AC/DC 24 V	150s/Nominal stroke	3-point							
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	3-point	-II- 3)						
AC 230 V		150s/Nominal stroke	3-point							
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	3-point	-II- 3)						
modu- lating	AC/DC 24 V	35s/Nominal stroke	DC (0) 0.5...10 V							
			DC (0) 2...10 V							
	AC/DC 24 V	35s/Nominal stroke	DC (0) 0.5...10 V	-II- 3)						
				-II- 3)						
			DC (0) 0.5...10 V							
			DC (0) 2...10 V	-II- 3)						
				-II- 3)						
multi- func- tional ²⁾	AC/DC 24 V	35s/Nominal stroke	DC (0) 0.5...10 V							
				-II- 3)						
	AC/DC 24 V	150s/Nominal stroke	DC (0) 0.5...10 V							
				-II- 3)						

Flange (ISO 7005)		PN 16 T _{max} = 120°C ¹⁾		Range of use Closed circuits											
2-way	3-Weg	DN [mm]	k _{vs} [m ³ /h]	Δp _s [kPa]	Δp _{max} [kPa]	Δp _s [kPa]	Δp _{max} [kPa]	Δp _s [kPa]	Δp _{max} [kPa]	Δp _s [kPa]	Δp _{max} [kPa]	Δp _s [kPa]	Δp _{max} [kPa]	Δp _s [kPa]	Δp _{max} [kPa]
		H611N...H615N	H711N...H715N	15	0.63 / 1 / 1.6 / 2.5 / 4	1300	400	1600	400	1600	400				
		H620N	H720N	20	6.3	900	400	1600	400	1600	400				
		H625N	H725N	25	10	500	400	1300	400	1600	400				
		H632N	H732N	32	16	350	350	1000	400	1600	400				
		H640N	H740N	40	25	150	150	500	400	900	400				
		H650N	H750N	50	40	70	70	300	300	550	400				
		H664N	H764N	65	58			140	140	280	280				
		H665N	H765N	65	63					400	400	550	400	1100	400
		H679N	H779N	80	90			80	80	160	160				
		H680N	H780N	80	100					250	250	350	350	700	400
		H6100N	H7100N	100	145					150	150	200	200	450	400
			H7125N	125	220							130	130	290	290
		H7150N	150	320								80	80	190	190

- 1) Medium temperature -10...+5°C with spindle heating
- 2) MP types: Running times, control signal, stroke limitation and other functions can be parameterized with PC-Tool or the parameterising device MFT-H (delivery condition: modulating, operating range 0.5...10 V)
- 3) Emergency setting position (NO/NC) manually adjustable at the actuator. Presetting: actuator spindle is retracted
H..R, H..B, H..N, H7..X., H7..Y.. have their closing points at top (valve stem extended)
H..S, H6..SP, H6..X.. have their closing points at bottom (valve stem retracted)