

Globe valves



Globe valves, PN 6, 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							
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0.5...10 V	-II- 3)						
			DC (0) 2...10 V	-II- 3)						
		150s/Nominal stroke	DC (0) 0.5...10 V							
			DC (0) 2...10 V							
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0.5...10 V	-II- 3)						
			DC (0) 2...10 V	-II- 3)						
multi- func- tional 2)	AC/DC 24 V	35s/Nominal stroke	DC (0) 0.5...10 V							
			Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0.5...10 V	-II- 3)					
		150s/Nominal stroke	DC (0) 0.5...10 V							
			Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0.5...10 V	-II- 3)					

Flange (ISO 7005)		PN 6		Range of use													
2-way		3-Weg		$T_{max} = 120^{\circ}C$ 1)		Closed circuits											
DN [mm]	k_{vs} [m³/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]	Δp_s [kPa]	Δp_{max} [kPa]		
H611R...H615R	H711R...H715R	15	0.63 / 1 / 1.6 / 2.5 / 4	600	400	600	400	600	400								
H620R	H720R	20	6.3	600	400	600	400	600	400								
H625R	H725R	25	10	500	400	600	400	600	400								
H632R	H732R	32	16	350	350	600	400	600	400								
H640R	H740R	40	25	150	150	500	400	600	400								
H650R	H750R	50	40	70	70	300	300	550	400								
H664R	H764R	65	58			140	140	280	280								
H679R	H779R	80	90			80	80	160	160								
H6100R	H7100R	100	145					150	150	200	200	450	400				

- 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)