

Globe valves, PN 25, 150°C and 200°C

		<b>(Control) Operating range</b>		Emergency control function Emergency setting position	LV.A.. <sup>3)</sup>	NV.A..	SV.A..	AVK.A..	EV.A..	RV.A..
					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 2)						
	AC 230 V	150s/Nominal stroke	3-point							
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	3-point	-II 2)						
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 2)						
			DC (0) 2...10 V	-II 2)						
		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 2)						
			DC (0) 2...10 V	-II 2)						
multi- func- tional <sup>1)</sup>	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 2)						
		150s/Nominal stroke	DC (0) 0.5...10 V							
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0.5...10 V	-II 2)						

<b>Flange (ISO 7005)</b>		<b>PN 25</b>		<b>Range of use</b>															
2-way		3-Weg		Closed circuits															
		T <sub>max</sub> = 150°C @ 2430 kPa (H6..X..-S2) <sup>4)</sup> T <sub>max</sub> = 120°C @ 2500 kPa (H6+H7..X..-S2) <sup>4)</sup> T <sub>max</sub> = 200°C @ 2300 kPa (H7..X..-S) <sup>5)</sup>		DN [mm]		k <sub>Vs</sub> [m <sup>3</sup> /h]		Δp <sub>s</sub> [kPa]		Δp <sub>max</sub> [kPa]		Δp <sub>s</sub> [kPa]		Δp <sub>max</sub> [kPa]		Δp <sub>s</sub> [kPa]		Δp <sub>max</sub> [kPa]	
H6015XP4-S2		15	0.4	2500	1000	2500	1000	2500	1000										
H6015XP63-S2		15	0.63	2500	1000	2500	1000	2500	1000										
H6015X1-S2		15	1	800	800	2200	1000	2500	1000										
H6015X1P6-S2		15	1.6	800	800	2200	1000	2500	1000										
H6015X2P5-S2		15	2.5	800	800	2200	1000	2500	1000										
H6015X4-S2	H7015X4-S2	15	4	800	800	2200	1000	2500	1000										
H6020X4-S2		20	4	800	800	2200	1000	2500	1000										
H6020X6P3-S2	H7020X6P3-S2	20	6.3	600	600	1500	1000	2500	1000										
H6025X6P3-S2		25	6.3	450	450	1300	1000	2100	1000										
H6025X10-S2	H7025X10-S2	25	10	450	450	1300	1000	2100	1000										
H6032X10-S2		32	10	300	300	900	900	1500	1000										
H6032X16-S2	H7032X16-S2	32	16	300	300	900	900	1500	1000										
H6040X16-S2		40	16	140	140	500	500	850	850										
H6040X25-S2	H7040X25-S2	40	25	140	140	500	500	850	850										
H6050X25-S2		50	25	60	60	300	300	500	500										
H6050X40-S2	H7050X40-S2	50	40	60	60	300	300	500	500										
	H7065X63-S4	65	63							400	400	550	550	1100	1000				
	H7080X100-S4	80	100							250	250	350	350	700	700				
	H7100X160-S4	100	160							150	150	200	200	450	450				

<b>Flange (ISO 7005)</b>		<b>PN 25 / partial pressure reduced</b>		<b>Range of use</b>															
2-way		T <sub>max</sub> = 150°C @ 2430 kPa <sup>4)</sup> T <sub>max</sub> = 120°C @ 2500 kPa <sup>4)</sup>		Closed circuits															
		DN [mm]		k <sub>Vs</sub> [m <sup>3</sup> /h]		Δp <sub>s</sub> [kPa]		Δp <sub>max</sub> [kPa]		Δp <sub>s</sub> [kPa]		Δp <sub>max</sub> [kPa]		Δp <sub>s</sub> [kPa]		Δp <sub>max</sub> [kPa]			
H6065X58-SP2		65	58			2100	1000	2500	1000										
H6080X90-SP2		80	90			1600	1000	2400	1000										
H6100X125-SP2		100	125			1000	1000	1700	1000										

- 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)
- 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)
- LV.A.: only H6.. possible
- Media: High temperature water and steam (Δp/p1 < 0.4), water with glycol up to max. 50% vol.
- Media: Cold, warm and high temperature water (no steam), water with glycol up to max. 50% vol.