

Globe valves, PN 16, 150°C

Actuating time	(Control) Operating range	Emergency control function	Emergency setting position	LV..A..	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	LV24A-TPC	NV24A-TPC	SV24A-TPC		EV24A-TPC	
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	3-point		NVK24A-3-TPC		AVK24A-3-TPC		
AC 230 V		150s/Nominal stroke	3-point	LV230A-TPC	NV230A-TPC	SV230A-TPC		EV230A-TPC	
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	3-point		NVK230A-3		AVK230A-3		
modulating	AC/DC 24 V	35s/Nominal stroke	DC (0) 0.5...10 V	LVC24A-SZ-TPC	NVC24A-SZ-TPC	SVC24A-SZ-TPC		EVC24A-SZ	
			DC (0) 2...10 V	LVC24A-SR-TPC	NVC24A-SR-TPC	SVC24A-SR-TPC		EVC24A-SR	
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0.5...10 V		NVKC24A-SZ-TPC				
			DC (0) 2...10 V		NVKC24A-SR-TPC				
		150s/Nominal stroke	DC (0) 0.5...10 V	LV24A-SZ-TPC	NV24A-SZ-TPC	SV24A-SZ-TPC		EVC24A-SZ	RV24A-SZ
			DC (0) 2...10 V	LV24A-SR-TPC	NV24A-SR-TPC	SV24A-SR-TPC		EVC24A-SR	RV24A-SR
		Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0.5...10 V		NVK24A-SZ-TPC		AVK24A-SZ-TPC		
			DC (0) 2...10 V		NVK24A-SR-TPC		AVK24A-SR-TPC		
multi-functional 1)	AC/DC 24 V	35s/Nominal stroke	DC (0) 0.5...10 V	LVC24A-MP-TPC	NVC24A-MP-TPC	SVC24A-MP-TPC		EVC24A-MF	
			Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke		NVKC24A-MP-TPC				
		150s/Nominal stroke	DC (0) 0.5...10 V	LV24A-MP-TPC	NV24A-MP-TPC	SV24A-MP-TPC		EVC24A-MF	RV24A-MF
			Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke		NVK24A-MP-TPC		AVK24A-MP-TPC		

Flange (ISO 7005) 2-way	PN 16 T _{max} = 150°C @ 1400 kPa ³⁾ T _{max} = 120°C @ 1600 kPa ³⁾	Range of use Closed circuits / steam: Pressure ratio Δp/p1 < 0.4	Range of use															
			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]		
H610S...H611S	15	0.4 / 0.63	1600	1000	1600	1000	1600	1000										
H612S...H615S	15	1 / 1.6 / 2.5 / 4	800	800	1600	1000	1600	1000										
H619S / H620S	20	4 / 6.3	800	800	1600	1000	1600	1000										
H624S / H625S	25	6.3 / 10	450	450	1300	1000	1600	1000										
H632S	32	16	300	300	950	950	1550	1000										
H640S	40	25	140	140	500	500	850	850										
H650S	50	40	60	60	300	300	500	500										
H664S	65	58			130	130	250	250										
H665S	65	63							400	400	550	550	1100	1000				
H680S	80	90							250	250	350	350	700	700				
H6100S	100	145							150	150	200	200	450	450				
H6125S	125	220									110	110	250	250				
H6150S	150	320									70	70	180	180				

Flange (ISO 7005) 2-way	PN 16 / partial pressure reduced T _{max} = 150°C @ 1400 kPa ³⁾ T _{max} = 120°C @ 1600 kPa ³⁾	Range of use Closed circuits / steam: Pressure ratio Δp/p1 < 0.4	Range of use															
			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]		
H640SP	40	25			1600	1000	1600	1000										
H650SP	50	40			1600	1000	1600	1000										
H664SP	65	58			1600	1000	1600	1000										
H679SP	80	90			1600	1000	1600	1000										
H6100SP	100	145							600	600	600	600	600	600				
H6125SP	125	220									600	600	600	600				
H6150SP	150	320									600	600	600	600				

- 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)
- Media: High temperature water and steam (Δp/p1 < 0.4), water with glycol up to max. 50% vol.