

Globe valves, PN 6 und PN 16, 120 °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	-II-8)			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	-II-8)			NVK230A-3		AVK230A-3			
modu- lating	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	-II-8)			NVKC24A-SZ-TPC					
			DC (0) 2 ... 10 V	-II-8)			NVKC24A-SR-TPC					
		150s/Nominal stroke	DC (0) 0,5 ... 10 V				LV24A-SZ-TPC	NV24A-SZ-TPC	SV24A-SZ-TPC		EV24A-SZ-TPC	RV24A-SZ
			DC (0) 2 ... 10 V				LV24A-SR-TPC	NV24A-SR-TPC	SV24A-SR-TPC		EV24A-SR-TPC	RV24A-SR
Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0,5 ... 10 V	-II-8)				NVK24A-SZ-TPC		AVK24A-SZ-TPC				
	DC (0) 2 ... 10 V	-II-8)				NVK24A-SR-TPC		AVK24A-SR-TPC				
multi- func- tional 6)	AC/DC 24 V	35s/Nominal stroke	DC (0) 0,5 ... 10 V	-II-8)		LVC24A-MP-TPC	NVC24A-MP-TPC	SVC24A-MP-TPC		EVC24A-MF		
			Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0,5 ... 10 V	-II-8)			NVKC24A-MP-TPC				
		150s/Nominal stroke	DC (0) 0,5 ... 10 V				LV24A-MP-TPC	NV24A-MP-TPC	SV24A-MP-TPC		EV24A-MP-TPC	RV24A-MF
			Ⓜ150s/Nom. stroke / -II-35s/Nom. stroke	DC (0) 0,5 ... 10 V	-II-8)			NVK24A-MP-TPC		AVK24A-MP-TPC		

Flange (ISO 7005)		PN 6		Range of use											
2-way	3-Weg	$T_{max} = 120\text{ °C }^3)$		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]
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

External thread (ISO228)		PN 16		Range of use											
2-way	3-Weg	$T_{max} = 120\text{ °C }^3)$		Closed / open circuits (pH > 7)											
		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]
H411B ... H415B	H511B ... H515B	15	0,63/1/1,6/2,5/4	1300	400	1600	400	1600	400						
H420B	H520B	20	6,3	900	400	1600	400	1600	400						
H425B	H525B	25	10	500	400	1300	400	1600	400						
H432B	H532B	32	16	350	350	1000	400	1600	400						
H440B	H540B	40	25	150	150	500	400	900	400						
H450B	H550B	50	40	70	70	300	300	550	400						

Flange (ISO 7005)		PN 16		Range of use											
2-way	3-Weg	$T_{max} = 120\text{ °C }^3)$		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]
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

3), 6) und 8) see explanations, page 2