

				NVD*	NVF*	NV*	NVG*	AV	AV
				500 N 20 mm	800 N 20 mm	1000 N <sup>3)</sup> 20 mm	1600 N 20 mm	2000 N 50 mm	2500 N 50 mm
Running times	Control / (Operating range)								
3-Point	AC/DC 24V	7,5 s/mm / 3,8 s/mm		2 wires		NV24-3		AV24-3	
	AC 230V	7,5 s/mm / 3,8 s/mm		2 wires		NV230-3		AV230-3	
Modulating	AC/DC 24V	150 s		DC 0 (2) ... 10 V		NVD24-SR			
Multifunctional <sup>2)</sup>	AC/DC 24V	NVY 35 s / AVY 60 s		DC 0 ...		NVY24-MFT		AVY24-MFT	
		150 s		DC 0 (2) ... 10 V		NV24-MFT		NVG24-MFT	
	Motor: 150 s Spring: 30 s		DC 0 (2) ... 10 V		•		NVF24-MFT NVF24-MFT-E <sup>4)</sup>		

External thread (ISO 228)		PN16, T <sub>max</sub> = 120°C <sup>1)</sup>		Range of use closed circuits, open circuits (pH > 7)											
2-way	3-way	DN [mm]	kvs [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]	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]
H411B ... H415B	H511B ... H515B	15	0.63 / 1 / 1.6 / 2.5 / 4	1600	400	1600	400	1600	400	1600	400				
H420B	H520B	20	6.3	1000		1320		1600							
H425B	H525B	25	10	600		1080		1350							
H432B	H532B	32	16	400	400	800		1000		1600					
H440B	H540B	40	25	230	230	440	400	550	400	980					
H450B	H550B	50	40			280	280	350	350	600	400				

Flange (ISO 7005)		PN16, T <sub>max</sub> = 120°C <sup>1)</sup>		Range of use closed circuits											
2-way	3-way	DN [mm]	kvs [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]	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]
H611N ... H615N	H711N ... H715N	15	0.63 / 1 / 1.6 / 2.5 / 4	1600	400	1600	400	1600	400	1600	400				
H620N	H720N	20	6.3	1000		1320		1600							
H625N	H725N	25	10	600		1080		1350							
H632N	H732N	32	16	400	400	800		1000		1600					
H640N	H740N	40	25	230	230	440	400	550	400	980					
H650N	H750N	50	40			280	280	350	350	600	400				
H664N	H764N	65	58			160	160	200	200	320	320				
H665N	H765N	65	63									400	400	500	400
H679N	H779N	80	90			100	100	135	135	210	210				
H680N	H780N	80	100									270	270	340	340
H6100N	H7100N	100	145									160	160	200	200
	H7125N	125	220									90	90	115	115
	H7150N	150	320									60	60	75	75

Flange (ISO 7005)		PN6, T <sub>max</sub> = 120°C <sup>1)</sup>		Range of use closed circuits											
2-way	3-way	DN [mm]	kvs [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]	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]
H611R ... H615R	H711R ... H715R	15	0.63 / 1 / 1.6 / 2.5 / 4	600	400	600	400	600	400	600	400				
H620R	H720R	20	6.3												
H625R	H725R	25	10	600											
H632R	H732R	32	16	400	400	600		600							
H640R	H740R	40	25	230	230	440	400	550	400						
H650R	H750R	50	40			280	280	350	350	600	400				
H664R	H764R	65	58			160	160	200	200	320	320				
H679R	H779R	80	90			100	100	135	135	210	210				
H6100R	H7100R	100	145									160	160	200	200

\*Required bracket: UNV-002

1), 2), 3) and 4) see page 56