

ESBE GUIDE

LINEAR MOTORIZED VALVES, OVERVIEW

OPTIMUM SOLUTIONS FOR ANY REQUIREMENT




A system is only as good as its incorporated components. Undersized products cause inferior results and oversized ones cause unnecessary investment. Therefore, our linear valves and actuators are available in a well-adapted selection within a large rangeability. This makes it easy to find the optimum solution for each installation.

Valves series		Max. working pressure	Application									Dimension		Connection			Max. leakrate [%]		Temperature [°C]		Suitable actuator		
2-way	3-way		Heating	Comfort Cooling	Potable Water	Floor Heating	Solar Heating	Ventilation	Zone	District Hot Water	District Heating	District Cooling	DN	Kvs	Flange	External thread	Internal thread	A-AB	B-AB	max.	min.	Series ALA	Series ALB
VLF125	VLF135	PN 6	•	•		•	•	•		•	•	15-50	1.6-38	•			0.0**	0.0**	+120	-20	•	•	•
	VLF335	PN 6	•	•		•	•	•		•	•	65-80	49-78	•			0.05	1	+130	-10	•	•	•
VLA121	VLA131	PN 16	•	•		•	•	•		•	•	15-50	1.6-38		•		0.0**	0.0**	+130	-20	•	•	•
VLA221*		PN 16	•	•		•	•	•		•	•	25-50	10-38		•		0.0**		+130	-20	•	•	•
VLA325	VLA335	PN 16	•	•		•	•	•		•	•	15-50	1.6-38	•			0.0**	0.0**	+130	-20	•	•	•
VLB225	VLB235	PN 16	•	•		•	•	•		•	•	65-150	49-300	•			0.05	1	+120	-10	•	•	•
VLA425*		PN 16	•	•		•	•	•		•	•	25-50	10-38	•			0.0**		+130	-20	•	•	•
VLE122		PN 16	•	•	•	•	•	•		•	•	15-50	0.25-38		•		0.02	0.05	+150	-20	•	•	•
	VLE132	PN 16	•	•	•	•	•	•		•	•	15-50	1.6-38		•		0.02	0.05	+150	-20	•	•	•
VLE222*		PN 16	•	•	•	•	•	•		•	•	25-50	10-38		•		0.02		+150	-20	•	•	•
VLE325		PN 16	•	•				•		•	•	20-40	0.63-6.3	•			0.02		+130	-20	•	•	•
VLC125		PN 25	•	•						•	•	15-50	0.25-38	•			0.02		+150	-20	•	•	•
VLC225*		PN 25	•	•						•	•	25-50	10-38	•			0.02		+150	-20	•	•	•
VLC325		PN 25	•	•						•	•	15-50	0.25-38	•			0.02		+180	-20	•	•	•
VLC425*		PN 25	•	•						•	•	25-50	10-38	•			0.02		+180	-20	•	•	•





Max. differential pressure [kPa]: see pages 152-158 * Valves provided with a pressure-balanced plug. ** Tight sealing

ESBE SELECTION GUIDE

TO COMBINE VALVES/ACTUATORS




2-WAY VALVES											
Supply voltage	3-point	Proportional									
24V	●		2200 07 00	2200 01 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
24V		●	2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
230V	●		2200 08 00	2200 02 00		2215 03 00*	2215 01 00	2215 05 00	2215 09 00	2215 13 00*	2215 11 00
Auxiliary switch					2620 07 00**						
Feed back 0-10V/2-10V			2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
Safety function 24V*	●	●			2205 02 00*	2215 04 00*				2215 14 00*	
Safety function 230V	●	●				2215 03 00*				2215 13 00*	
Running time [s]			35	140	15	70	150	150	300	140	190
Stroke [mm]			20		40	20		20	40	40	
Force [N]			400	750	800	900		1200		2000	
Actuators. series			ALA		ALB	ALD					

* 2205 02 00 with power back-up; 2215 03 00, 2215 04 00, 2215 13 00 and 2215 14 00 with spring return. ** Options





PN [bar]	T [°C]	Series	Art. No.	DN	Kvs [m³/h]	Stroke [mm]	Δp max [kPa]		Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	Δp max [kPa]
6	-20 ... +120		VLF125	2100 01 00	15	1.6	20	600	600	600	600	600
			2100 02 00	15	2.5	20	600	600	600	600	600	600
			2100 03 00	15	4.0	20	600	600	600	600	600	600
			2100 04 00	20	6.3	20	600	600	600	600	600	600
			2100 05 00	25	10	20	500	600	600	600	600	600
			2100 06 00	32	16	20	360	600	600	600	600	600
			2100 07 00	40	25	20	250	480	570	570	600	600
16	-20 ... +130		VLA325	2120 01 00	15	1.6	20	800	1500	1600	1600	1600
			2120 02 00	15	2.5	20	800	1500	1600	1600	1600	1600
			2120 03 00	15	4.0	20	800	1500	1600	1600	1600	1600
			2120 04 00	20	6.3	20	630	1180	1400	1400	1600	1600
			2120 05 00	25	10	20	500	920	1100	1100	1480	1600
			2120 06 00	32	16	20	360	660	800	800	1060	1600
			2120 07 00	40	25	20	250	480	570	570	750	1600
16	-10 ... +120		VLB225	2120 31 00	65	49	20	90	170	180	210	290
			2120 32 00	80	78	20	60	120	130	140	200	200
			2120 33 00	100	124	40			80		130	220
			2120 34 00	125	200	40			50		80	140
			2120 35 00	150	300	40			30		50	100
16	-20 ... +130		VLA425	2120 17 00	25	10	20	950	1600	1600	1600	1600
			2120 18 00	32	16	20	950	1600	1600	1600	1600	1600
			2120 19 00	40	25	20	950	1600	1600	1600	1600	1600
			2120 20 00	50	38	20	950	1600	1600	1600	1600	1600

Δp max: Closing pressure. For further information about maximum pressure drop limits where cavitation might occur, see diagrams for each specific type of valve.

ESBE SELECTION GUIDE TO COMBINE VALVES/ACTUATORS




2-WAY VALVES											
Supply voltage	3-point	Proportional									
24V	●		2200 07 00	2200 01 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
24V		●	2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
230V	●		2200 08 00	2200 02 00		2215 03 00*	2215 01 00	2215 05 00	2215 09 00	2215 13 00*	2215 11 00
Auxiliary switch					2620 07 00**						
Feed back 0-10V/2-10V			2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
Safety function 24V*	●	●			2205 02 00*	2215 04 00*				2215 14 00*	
Safety function 230V	●	●				2215 03 00*				2215 13 00*	
Running time [s]			35	140	15	70	150	150	300	140	190
Stroke [mm]			20		40	20		20	40	40	
Force [N]			400	750	800	900		1200		2000	
Actuators. series			ALA		ALB	ALD					

* 2205 02 00 with power back-up; 2215 03 00, 2215 04 00, 2215 13 00 and 2215 14 00 with spring return. ** Options


PN [bar]	T [°C]	Series	Art. No.	DN	Kvs [m³/h]	Stroke [mm]	Δp max [kPa]		Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	
16	-20 ... +130		VLA121	2115 01 00	15	1.6	20	800	1500	1600	1600	1600	
			2115 02 00	15	2.5	20	800	1500	1600	1600	1600		
			2115 03 00	15	4.0	20	800	1500	1600	1600	1600		
			2115 04 00	20	6.3	20	630	1180	1400	1400	1600		
			2115 05 00	25	10	20	500	920	1100	1100	1480		
			2115 06 00	32	16	20	360	660	800	800	1060		
			2115 07 00	40	25	20	250	480	570	570	750		
16	-20 ... +130		VLA221	2115 17 00	25	10	20	950	1600	1600	1600	1600	
			2115 18 00	32	16	20	950	1600	1600	1600	1600		
			2115 19 00	40	25	20	950	1600	1600	1600	1600		
			2115 20 00	50	38	20	950	1600	1600	1600	1600		
16	-20 ... +150		VLE122	2125 01 00	15	0.25	20	800	1500	1600	1600	1600	
			2125 02 00	15	0.4	20	800	1500	1600	1600	1600		
			2125 03 00	15	0.63	20	800	1500	1600	1600	1600		
			2125 04 00	15	1.0	20	800	1500	1600	1600	1600		
			2125 05 00	15	1.6	20	800	1500	1600	1600	1600		
			2125 06 00	15	2.5	20	800	1500	1600	1600	1600		
			2125 07 00	15	4.0	20	800	1500	1600	1600	1600		
			2125 08 00	20	6.3	20	630	1180	1410	1410	1600		
			2125 09 00	25	10	20	500	920	1100	1100	1480		
			2125 10 00	32	16	20	360	660	800	800	1070		
16	-20 ... +150		VLE222	2125 21 00	25	10	20	950	1600	1600	1600	1600	
			2125 22 00	32	16	20	950	1600	1600	1600	1600		
			2125 23 00	40	25	20	950	1600	1600	1600	1600		
			2125 24 00	50	38	20	950	1600	1600	1600	1600		

Δp max: Closing pressure. For further information about maximum pressure drop limits where cavitation might occur, see diagrams for each specific type of valve.

ESBE SELECTION GUIDE TO COMBINE VALVES/ACTUATORS




2-WAY VALVES											
Supply voltage	3-point	Proportional									
24V	●		2200 07 00	2200 01 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
24V		●	2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
230V	●		2200 08 00	2200 02 00		2215 03 00*	2215 01 00	2215 05 00	2215 09 00	2215 13 00*	2215 11 00
Auxiliary switch					2620 07 00**						
Feed back 0-10V/2-10V			2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
Safety function 24V*	●	●			2205 02 00*	2215 04 00*				2215 14 00*	
Safety function 230V	●	●				2215 03 00*				2215 13 00*	
Running time [s]			35	140	15	70	150	150	300	140	190
Stroke [mm]			20		40	20		20	40	40	
Force [N]			400	750	800	900		1200		2000	
Actuators. series			ALA		ALB	ALD					

* 2205 02 00 with power back-up; 2215 03 00, 2215 04 00, 2215 13 00 and 2215 14 00 with spring return. ** Options



PN [bar]	T [°C]	Series	Art. No.	DN	Kvs [m³/h]	Stroke [mm]	Δp max [kPa]		Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	
16	-20 ... +130		VLE325	2140 01 00	20	0.63	20	630	1180	1600	1600	1600	1600
			2140 02 00	20	1.0	20	630	1180	1600	1600	1600	1600	1600
			2140 03 00	20	1.6	20	630	1180	1600	1600	1600	1600	1600
			2140 04 00	20	2.5	20	630	1180	1600	1600	1600	1600	1600
			2140 05 00	20	4.0	20	630	1180	1600	1600	1600	1600	1600
			2140 06 00	25	1.0	20	500	920	1600	1600	1600	1600	1600
			2140 07 00	25	1.6	20	500	920	1600	1600	1600	1600	1600
			2140 08 00	25	2.5	20	500	920	1600	1600	1600	1600	1600
			2140 09 00	25	4.0	20	500	920	1600	1600	1600	1600	1600
			2140 10 00	32	1.6	20	360	660	1600	1600	1600	1600	1600
			2140 11 00	32	2.5	20	360	660	1600	1600	1600	1600	1600
			2140 12 00	32	4.0	20	360	660	1600	1600	1600	1600	1600
			2140 16 00	32	6.3	20	360	660	1410	1410	1600	1600	1600
			2140 13 00	40	1.6	20	250	480	1600	1600	1600	1600	1600
			2140 14 00	40	2.5	20	250	480	1600	1600	1600	1600	1600
2140 15 00	40	4.0	20	250	480	1600	1600	1600	1600	1600			
2140 17 00	40	6.3	20	250	480	1410	1410	1600	1600	1600			

Δp max: Closing pressure. For further information about maximum pressure drop limits where cavitation might occur, see diagrams for each specific type of valve.

ESBE SELECTION GUIDE TO COMBINE VALVES/ACTUATORS


2-WAY VALVES											
Supply voltage	3-point	Proportional									
24V	●		2200 07 00	2200 01 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
24V		●	2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
230V	●		2200 08 00	2200 02 00		2215 03 00*	2215 01 00	2215 05 00	2215 09 00	2215 13 00*	2215 11 00
Auxiliary switch					2620 07 00**						
Feed back 0-10V/2-10V			2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
Safety function 24V*	●	●			2205 02 00*	2215 04 00*				2215 14 00*	
Safety function 230V	●	●				2215 03 00*				2215 13 00*	
Running time [s]			35	140	15	70	150	150	300	140	190
Stroke [mm]			20		40	20		20	40	40	
Force [N]			400	750	800	900		1200		2000	
Actuators. series			ALA		ALB	ALD					

* 2205 02 00 with power back-up; 2215 03 00, 2215 04 00, 2215 13 00 and 2215 14 00 with spring return. ** Options


PN [bar]	T [°C]	Series	Art. No.	DN	Kvs [m³/h]	Stroke [mm]	Δp max [kPa]		Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	
25	-20 ... +150		VLC125	2130 01 00	15	0.25	20	800	1500	1800	1800	2400	
			2130 02 00	15	0.4	20	800	1500	1800	1800	2400		
			2130 03 00	15	0.63	20	800	1500	1800	1800	2400		
			2130 04 00	15	1.0	20	800	1500	1800	1800	2400		
			2130 05 00	15	1.6	20	800	1500	1800	1800	2400		
			2130 06 00	15	2.5	20	800	1500	1800	1800	2400		
			2130 07 00	15	4.0	20	800	1500	1800	1800	2400		
			2130 08 00	20	6.3	20	630	1180	1410	1410	1870		
			2130 17 00	25	1.6	20	500	920	1100	1100	1480		
			2130 18 00	25	2.5	20	500	920	1100	1100	1480		
			2130 19 00	25	4.0	20	500	920	1100	1100	1480		
			2130 20 00	25	6.3	20	500	920	1100	1100	1480		
			2130 09 00	25	10	20	500	920	1100	1100	1480		
			2130 10 00	32	16	20	360	660	800	800	1060		
			2130 21 00	40	1.6	20	250	480	570	570	750		
			2130 22 00	40	2.5	20	250	480	570	570	750		
			2130 23 00	40	4.0	20	250	480	570	570	750		
			2130 24 00	40	6.3	20	250	480	570	570	750		
			2130 25 00	40	10	20	250	480	570	570	750		
			2130 26 00	40	16	20	250	480	570	570	750		
2130 11 00	40	25	20	250	480	570	570	750					
2130 12 00	50	38	20	180	330	390	390	530					
25	-20 ... +150		VLC225	2130 13 00	25	10	20	950	1850	2100	2100	2500	
			2130 14 00	32	16	20	950	1850	2100	2100	2500		
			2130 15 00	40	25	20	950	1850	2100	2100	2500		
			2130 16 00	50	38	20	950	1850	2100	2100	2500		

Δp max: Closing pressure. For further information about maximum pressure drop limits where cavitation might occur, see diagrams for each specific type of valve.

ESBE SELECTION GUIDE TO COMBINE VALVES/ACTUATORS




2-WAY VALVES												
Supply voltage	3-point	Proportional										
24V	●		2200 07 00	2200 01 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00	
24V		●	2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00	
230V	●		2200 08 00	2200 02 00		2215 03 00*	2215 01 00	2215 05 00	2215 09 00	2215 13 00*	2215 11 00	
Auxiliary switch					2620 07 00**							
Feed back 0-10V/2-10V			2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00	
Safety function 24V*	●	●			2205 02 00*	2215 04 00*				2215 14 00*		
Safety function 230V	●	●				2215 03 00*				2215 13 00*		
Running time [s]			35	140	15	70	150	150	300	140	190	
Stroke [mm]			20		40	20		20	40	40		
Force [N]			400	750	800	900		1200		2000		
Actuators. series			ALA		ALB	ALD						

* 2205 02 00 with power back-up; 2215 03 00, 2215 04 00, 2215 13 00 and 2215 14 00 with spring return. ** Options






PN [bar]	T [°C]	Series	Art. No.	DN	Kvs [m³/h]	Stroke [mm]	Δp max [kPa]		Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	
25	-20 ... +180		VLC325	2135 01 00	15	0.25	20	800	1500	1800	1800	2400	
			2135 02 00	15	0.4	20	800	1500	1800	1800	2400		
			2135 03 00	15	0.63	20	800	1500	1800	1800	2400		
			2135 04 00	15	1.0	20	800	1500	1800	1800	2400		
			2135 05 00	15	1.6	20	800	1500	1800	1800	2400		
			2135 06 00	15	2.5	20	800	1500	1800	1800	2400		
			2135 07 00	15	4.0	20	800	1500	1800	1800	2400		
			2135 08 00	20	6.3	20	630	1180	1410	1410	1870		
			2135 09 00	25	10	20	500	920	1100	1100	1480		
			2135 10 00	32	16	20	360	660	800	800	1060		
			2135 11 00	40	25	20	250	480	570	570	750		
			2135 12 00	50	38	20	180	330	390	390	530		
25	-20 ... +180		VLC425	2135 13 00	25	10	20	950	1850	2100	2100	2500	
			2135 14 00	32	16	20	950	1850	2100	2100	2500		
			2135 15 00	40	25	20	950	1850	2100	2100	2500		
			2135 16 00	50	38	20	950	1850	2100	2100	2500		

Δp max: Closing pressure. For further information about maximum pressure drop limits where cavitation might occur, see diagrams for each specific type of valve.

ESBE SELECTION GUIDE TO COMBINE VALVES/ACTUATORS




3-WAY VALVES											
Supply voltage	3-point	Proportional									
24V	●		2200 07 00	2200 01 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
24V		●	2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
230V	●		2200 08 00	2200 02 00		2215 03 00*	2215 01 00	2215 05 00	2215 09 00	2215 13 00*	2215 11 00
Auxiliary switch					2620 07 00**						
Feed back 0-10V/2-10V			2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
Safety function 24V*	●	●			2205 02 00*	2215 04 00*				2215 14 00*	
Safety function 230V	●	●				2215 03 00*				2215 13 00*	
Running time [s]			35	140	15	70	150	150	300	140	190
Stroke [mm]			20		40	20		20	40	40	
Force [N]			400	750	800	900		1200		2000	
Actuators. series			ALA		ALB	ALD					

* 2205 02 00 with power back-up; 2215 03 00, 2215 04 00, 2215 13 00 and 2215 14 00 with spring return. ** Options


PN [bar]	T [°C]	Series	Art. No.	DN	Kvs [m³/h]	Stroke [mm]	Δp max [kPa]		Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	Δp max [kPa]		
6	-20 ... +120		VLF135	2100 09 00	15	1.6	20	600	600	600	600	600		
			2100 10 00	15	2.5	20	600	600	600	600	600			
			2100 11 00	15	4.0	20	600	600	600	600	600			
			2100 12 00	20	6.3	20	600	600	600	600	600			
			2100 13 00	25	10	20	500	600	600	600	600			
			2100 14 00	32	16	20	360	600	600	600	600			
			2100 15 00	40	25	20	250	480	570	570	600			
6	-10 ... +130		VLF335	2100 19 00	65	49	20	90	170	180	210	290	290	510
			2100 20 00	80	78	20	60	120	130	140	200	200	350	
16	-20 ... +130		VLA335	2120 09 00	15	1.6	20	800	1500	1600	1600	1600		
			2120 10 00	15	2.5	20	800	1500	1600	1600	1600			
			2120 11 00	15	4.0	20	800	1500	1600	1600	1600			
			2120 12 00	20	6.3	20	630	1180	1400	1400	1600			
			2120 13 00	25	10	20	500	920	1100	1100	1480			
			2120 14 00	32	16	20	360	660	800	800	1070			
			2120 15 00	40	25	20	250	480	570	570	750			
16	-10 ... +120		VLB235	2120 36 00	65	49	20	90	170	180	210	290	290	510
			2120 37 00	80	78	20	60	120	130	140	200	200	350	
			2120 38 00	100	124	40			80			130	220	
			2120 39 00	125	200	40			50			80	140	
			2120 40 00	150	300	400			30			50	100	
16	-20 ... +130		VLA131	2115 09 00	15	1.6	20	800	1500	1600	1600	1600		
			2115 10 00	15	2.5	20	800	1500	1600	1600	1600			
			2115 11 00	15	4.0	20	800	1500	1600	1600	1600			
			2115 12 00	20	6.3	20	630	1180	1400	1400	1600			
			2115 13 00	25	10	20	500	920	1100	1100	1480			
			2115 14 00	32	16	20	360	660	800	800	1070			
			2115 15 00	40	25	20	250	480	570	570	750			
			2115 16 00	50	38	20	180	330	390	390	530			

Δp max: Closing pressure. For further information about maximum pressure drop limits where cavitation might occur, see diagrams for each specific type of valve.

ESBE SELECTION GUIDE TO COMBINE VALVES/ACTUATORS

3-WAY VALVES											
Supply voltage	3-point	Proportional									
24V	●		2200 07 00	2200 01 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
24V		●	2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
230V	●		2200 08 00	2200 02 00		2215 03 00*	2215 01 00	2215 05 00	2215 09 00	2215 13 00*	2215 11 00
Auxiliary switch					2620 07 00**						
Feed back 0-10V/2-10V			2200 09 00	2200 03 00	2205 01 00	2215 04 00*	2215 02 00	2215 06 00	2215 10 00	2215 14 00*	2215 12 00
Safety function 24V*	●	●			2205 02 00*	2215 04 00*				2215 14 00*	2215 12 00
Safety function 230V	●	●				2215 03 00*				2215 13 00*	
Running time [s]			35	140	15	70	150	150	300	140	190
Stroke [mm]			20		40	20		20	40	40	
Force [N]			400	750	800	900		1200		2000	
Actuators. series			ALA		ALB	ALD					

* 2205 02 00 with power back-up; 2215 03 00, 2215 04 00, 2215 13 00 and 2215 14 00 with spring return. ** Options

PN [bar]	T [°C]	Series	Art. No.	DN	Kvs [m³/h]	Stroke [mm]	Δp max [kPa]		Δp max [kPa]	Δp max [kPa]	Δp max [kPa]	Δp max [kPa]
16	-20 ... +150		VLE132	2125 13 00	15	1.6	20	800	1500	1600	1600	1600
			2125 14 00	15	2.5	20	800	1500	1600	1600	1600	1600
			2125 15 00	15	4.0	20	800	1500	1600	1600	1600	1600
			2125 16 00	20	6.3	20	630	1180	1400	1400	1600	1600
			2125 17 00	25	10	20	500	920	1100	1100	1480	1600
			2125 18 00	32	16	20	360	660	800	800	1070	1600
			2125 19 00	40	25	20	250	480	570	570	750	1600
2125 20 00	50	38	20	180	330	390	390	530	1600			

Δp max: Closing pressure. For further information about maximum pressure drop limits where cavitation might occur, see diagrams for each specific type of valve.