

Overview of Section 6





Valve technology

Everything at a glance






Designation	Basic data	Application areas	Page
 General information			6/3


Solenoid valves

 Inline valves IV	<ul style="list-style-type: none"> Nominal diameter 3 mm Nominal flow rate 2 m³/h Voltage = 24V 	The valve for vacuum control directly on the suction pad; Vacuum monitoring is possible directly on the valve.	6/6
 Solenoid valves EMV	<ul style="list-style-type: none"> Nominal diameters 3 to 25 mm Nominal flow rates 2 to 88 m³/h Voltages =/~ 24/230 V 	The valve for direct control of vacuum and compressed air.	6/8
 Solenoid valves EMVO	<ul style="list-style-type: none"> Nominal diameters 12 to 25 mm Nominal flow rates 21 to 101 m³/h Voltages =/~ 24/230 V 	The valve for high flow rates for direct control of vacuum.	6/12
 Solenoid valves EMVP	<ul style="list-style-type: none"> Nominal diameters 10 to 50 mm Nominal flow rates 10 to 310 m³/h Voltages =/~ 24/230 V 	The valve with pneumatic pilot control for vacuum generation.	6/14


Check valves

 Check valves SVK, SVKG, SVV	<ul style="list-style-type: none"> Max. blow-off flow rate 4.8 to 47.4 m³/h Connection threads M5 to G1/2" 	Check valves close the vacuum line if the suction pad is not covered, thus maintaining the vacuum. The version SVV is adjustable.	6/17
 Check valves SVN	<ul style="list-style-type: none"> Max. blow-off flow rate 27 m³/h Connection threads G1/4" 	The SVN extends the application range of the SKV. It is particularly suitable for dusty surroundings.	6/20
 Flow resistors SW	<ul style="list-style-type: none"> Nozzle diameters 0.25 to 2.0 mm 	Throttle valves reduce the flow of air in order to prevent break down of the vacuum if some suction pads are not covered.	6/23



Sensing valves

 Sensing valves TV / TVN	<ul style="list-style-type: none"> Flow rate 1.08 to 3.46 m³/h Connection threads G1/8" to G1/2" 	Sensing valves sense the presence of the work-piece mechanically and then open the vacuum line.	6/26
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Non-return valves

 Non-return valves RSV	<ul style="list-style-type: none"> Nominal diameters 6 to 54 mm Nominal flow rates 5 to 350 m³/h Connection threads G1/4" to G2" 	The safety valve with return spring for compressed air and vacuum.	6/29
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Manually actuated valves



 Two-way ball valves KVZ	<ul style="list-style-type: none"> Nominal diameters 8 to 50 mm Nominal flow rates 5 to 310 m³/h 	The manual 2/2-way valve for vacuum and compressed air.	6/31
 Three-way ball valves KVD	<ul style="list-style-type: none"> Nominal diameters 6 to 25 mm Nominal flow rates 5 to 55 m³/h 	The manual 3/2-way valve for vacuum and compressed air.	6/33

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Manually actuated valves			
	Manual slide valves HSV <ul style="list-style-type: none">• Nominal diameters 7 to 24 mm• Nominal flow rates 6 to 50 m³/h	The valve for direct control of vacuum and compressed air with frequent actuation.	6/35
	Foot-operated interrupter FU <ul style="list-style-type: none">• Nominal diameter 7.2 mm• Nominal flow rate 6 m³/h	For foot control of vacuum and compressed air.	6/37