E SAUTER

Zusammenbau: Montage: Assembly: Accoppiamento: Montaje: Sammansatt: Zamenbouwen: Ventil und pneumatischer Antrieb Vanne et servomoteur pneumatique Valve and pneumatic drive Valvola e servomotore pneumatico Válvula y servomotor neumático Ventil och pneumatik drivning Afsluiter en pneumatiek MVE 40.136

Montagevorschrift

Fitting instruction

Instruction de montage

Istruzioni di montaggio

Monteringsanvisning

Montagevoorschrift

Instrucciones de montaje

AV 42 ... 45 P





		AV 42		AV 43			AV 44		AV 45	
Type of drive		P10	P30	P10	P15	P30	P20	P10	P10	P15
Nominal valve stroke mm		14	14	14	14	40	40	14	40	40
Span bar		0.6	0.32	0.32	0.6	0.6	0.6	0.21	0.35	0.6
Characteristic		Ι	II	III	Ι	Ι	Ι	III	III	Ι
bar per turn		0.06	0.03	0.03	0.06	0.02	0.03	0.03	0.02	0.03
Distance L ± 0,5 mm		89 (86)*	89 (86)*	89	89 (86)*	151(148)*	151(148)*	89	151	151
Type of valve	at zero actua- ting pressure	Closing point in bar ¹⁾								
V 6 R	CLOSED	0.3	0.7		0.3					
	OPEN	0.9	0.5		0.9					
V 6 F	CLOSED	0.3	0.7	0.6	0.3	0.3	0.3	0.6	0.6	0.3
	OPEN	0.9	0.5	0.6	0.9	0.9	0.9	0.6	0.6	0.9
V 6 G	CLOSED	0.3	0.7	0.6	0.3			0.6		
	OPEN	0.9	0.5	0.6	0.9			0.6		
V 6 S	CLOSED	0.3	0.7	0.6	0.3	0.3	0.3	0.6	0.6	0.3
	OPEN	0.9	0.5	0.6	0.9	0.9	0.9	0.6	0.6	0.9
VXD	CLOSED	0.3	0.7		0.3	0.3	0.3			
VXE	OPEN	0.9	0.5		0.9	0.9	0.9			
B 6 R	CLOSED	0.2	0.7		0.2					
	OPEN	1.0	0.5		1.0					
B 6 F	CLOSED	0.2	0.7	0.4	0.2	0.2	0.2	0.5	0.4	0.2
	OPEN	1.0	0.5	0.8	1.0	1.0	1.0	0.7	0.8	1.0
B 6 G	CLOSED	0.2	0.7	0.4	0.2			0.5		
	OPEN	1.0	0.5	0.8	1.0			0.7		
B 6 S	CLOSED	0.2	0.7	0.4	0.2.	0.2	0.2	0.5	0.4	0.2
	OPEN	1.0	0.5	0.8	1.0	1.0	1.0	0.7	0.8	1.0
BXD	CLOSED	0.2	0.7		0.2	0.2	0.2			
BXE	OPEN	1.0	0.5		1.0	1.0	1.0			



With mixer valves the characteristics relate to the upper seat (control branch)

¹⁾ The "closing point" is defined by the actuating pressure, which just closes the pressureless valve (For three-way valves the upper seat is effectiv).

- The closing points are defined with regard to the hysteresis in this way, that
- for two-way valves the max. closing force is obtained

- with mixer the closing force on the mixer branch is at least 2/3 of the closing force on the control branch.

*) (86) and (148) valid only for VX . and BX .