

SAF / SAD



Actuator pneumatic

single- / doubleacting doublepiston-swivel-drive in accordance with DIN EN 15714-3

Actuator for general industrial applications
ATEX in accordance with directive 94/9/EG, area 1 (gas) and 21 (dust)
Swivel angle 0° – 90°, both end positions user friendly +/- 3° adjustable
O-Ring NBR, on request FKM (Viton®) / fluorsilikon

Connections:
Mounting flange in accordance with ISO 5211 (brackets)
Adapter in accordance with DIN 3337 (doublesquare)
VDI / VDE 3845 for accessories

Swivel angle: 0°... 90°, on request 120° / 135° / 180° / 270°
Torque: at 6 bar: singleacting: 5,6 ... 3390 Nm, doubleacting: 15,1 ... 5256 Nm
Control pressure: 2 bar ... 8 bar (clean, dry compressed air)
Temp. range: -25 °C ... +80 °C; on request: up to -60 °C ... +100 °C
Body: aluminium, extruded
Piston: aluminium
Stem / Pinion: stainless steel (1.4021)
Optional: body stainless steel, 12 / 13 springs

SAF pneumatic singleacting 6 bar control pressure / 12 springs (type 05, 2 springs)					
Type	Spring torque [Nm]		Nm at 6 bar control pressure		Order code
	0°	90°	0°	90°	
05	5,0	9,5	5,6	10,1	AP-SAF056
10	11,7	19,5	13,5	21,3	AP-SAF106
15	26,5	44,0	31,0	48,5	AP-SAF156
20	38,1	63,3	44,7	69,9	AP-SAF206
25	72,5	120,5	84,5	132,5	AP-SAF256
30	107	178	124	195	AP-SAF306
33	197	326	229	358	AP-SAF336
35	261	432	304	475	AP-SAF356
40	398	665	456	732	AP-SAF406
42	636	1055	734	1153	AP-SAF426
45	1057	1756	1224	1923	AP-SAF456
50	1866	3099	2157	3390	AP-SAF506

SAD pneumatic double acting	
Nm at 6 bar	Order code
16,1	AP-SAD056
33	AP-SAD106
75	AP-SAD156
108	AP-SAD206
205	AP-SAD256
302	AP-SAD306
555	AP-SAD336
736	AP-SAD356
1121	AP-SAD406
1789	AP-SAD426
2980	AP-SAD456
5256	AP-SAD506

mounting dimensions	
Flange ISO5211	Square sH11
F05	8
F05	12
F05	12
F07	14
F07	17
F10	17
F12	22
F12	30
F14	30
F14	30
F16	46
F25	46

Order code

AP- 6

singleacting: SAF
doubleacting: SAD
Type-Nummer:
Control pressure [bar]: 6