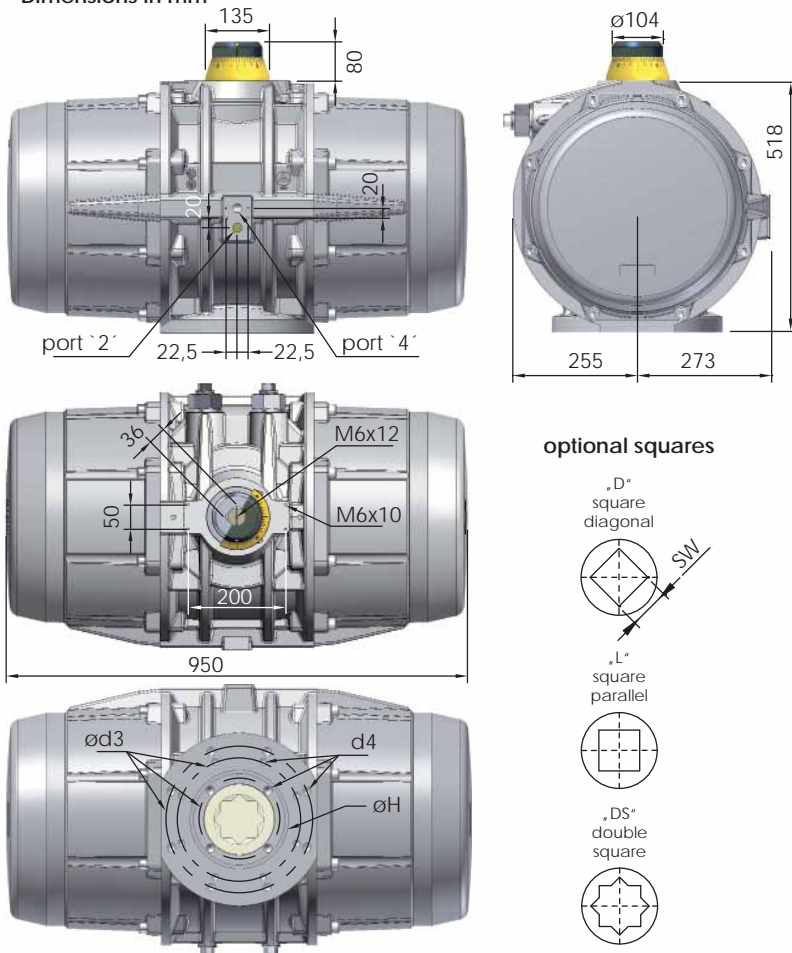




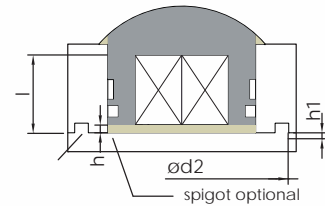
Dimensions in mm



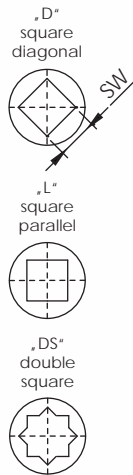
ISO 5211 - available flanges

ISO 5211	Standard	optional
	F16* + F25* + F30	F30
Ø d2	200 (F25)	230
Ø d3	298	298
Ø d3 A	254	-
Ø d3 B	165	-
d4	M20 x 30	M20 x 30
d4 A	M16 x 24	-
d4 B	M20 x 30	-
Ø H	200	-
SW x l min.	D	75 x 81
	DS	55 x 60 - 75 x 81
h min.	2,5	2,5
h1	4	2

*before selecting the flange connection please consider the indications of standard n° 5211 on page 0911 of our manual for op. and maintenance



optional squares

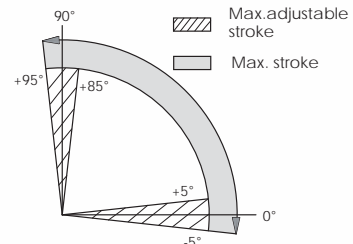


Connection / Attachment

Pressure connection port 2 and 4	G1/2"
Ancillaries attachment standard	AA 5
A.A. with additional adapter plate*	AA 4

*optional

Rotation and stroke adjustment



Pressure	Output torque for double acting and spring return in Nm										Spring torque	approx. weight
	2,5 bar	3 bar	3,5 bar	4 bar	4,2 bar	4,5 bar	5 bar	5,5 bar	6 bar	7 bar		
DR	4169	5003	5837	6671	7005	7505	8339	9173	10007	11674	-	170

SC 2/3	2474 1695	3308 2529	4142 3362	4976 4196	5310 4530	5810 5030	6644 5864					2475 1695	199
SC 3	2135 1200	2969 2034	3803 2867	4637 3701	4971 4035	5471 4535	6305 5369	7139 6203				2970 2034	204
SC 3/4		2630 1539	3464 2373	4298 3206	4632 3540	5132 4040	5966 4874	6800 5708	7633 6542			3465 2373	210
SC 4			3125 1878	3959 2711	4292 3045	4793 3545	5627 4379	6461 5213	7294 6047	8962 7715		3960 2712	216
SC 4/5				3620 2217	3953 2550	4454 3050	5288 3884	6122 4718	6955 5552	8623 7220	10291 8887	4455 3051	221
SC 5						4115 2555	4949 3389	5783 4223	6616 5057	8284 6725	9952 8393	4949 3390	227
SC 5/6							4610 2894	5444 3728	6277 4562	7945 6230	9613 7898	5444 3729	233
SC 6								5105 3233	5938 4067	7606 5735	9274 7403	5939 4068	238

Pressure max.	Rotation (STD) (C)	Screw stroke adjustment	Chamber (Ø mm)	Air volume (l)		Moving time (sec.) (A)	
				OPEN	CLOSE	OPEN	CLOSE
8 bar	0° - 90°	for 1° 1/4 rotation	420	49	84	D 8 S 10	D 9 S 11

Operating temperature (°C) (B)		
ST (Standard)	HT (High temperature)	LLT (Extreme low temperature)
- 40 to + 80	- 15 to + 150	- 55 to + 80

(A) the above indicated moving time of the actuator is obtained under the following test conditions: (1) room temperature, (2) actuator stroke 90°, (3) solenoid valve with Ø 4 mm and flow capacity Qn 6000 l/min., (4) inside pipe Ø 11 mm, (5) medium clean air, (6) air supply pressure 5,5 bar (79,75 Psi), (7) actuator without external resistance load. **Caution:** It has to be expected, e.g. for field applications, when one or more of the above parameters are different, the moving time will be different.

(B) Every temperature range option requires proper components and lubricant. Please contact Air Torque GmbH.

(C) For actuator with stainless steel pinion add 31 Kg approximate weight

Operating Medium:

The operating medium must be free of dust and oil. The maximum particle size must not exceed 30µ. (ISO 8573 Part1, Class5). In order to prevent water condensation and/or solidification (ice when actuator works below 0°C), the operating medium must have a dew point equal to -20°C or at least 10°C below the ambient temperature (ISO 8573 Part1, Class3)