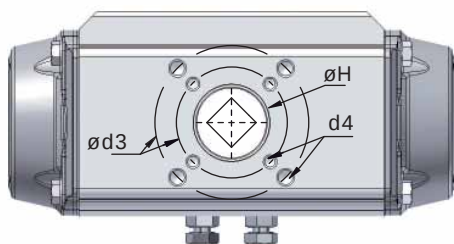
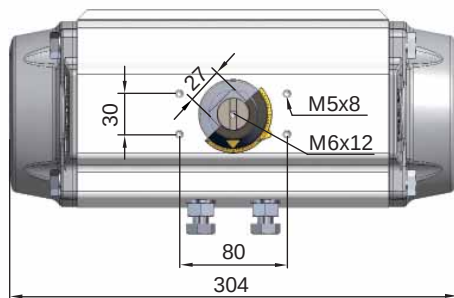
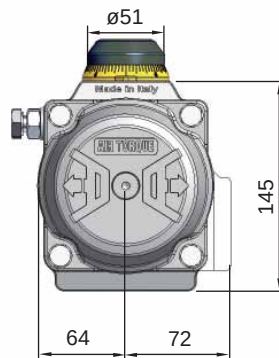
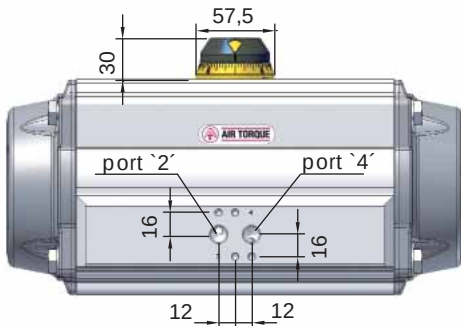
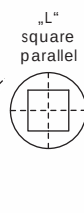
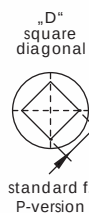




Dimensions in mm



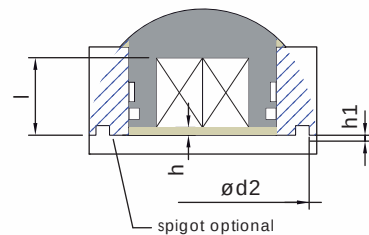
optional squares



ISO 5211 - available flanges

	Standard		optional
ISO 5211	F07* + F10		F10
Ø d2	55	-	70
Ø d3	70	102	102
d4	M8x12	M10x15	M10 x 15
Ø H	55		70
SW x l min.	D	-	14 x 18 - 22 x 24
	DS	22 x 30	17 x 24 - 22 x 30
h min.	1,5	1,5	1,5
h1	2	-	2

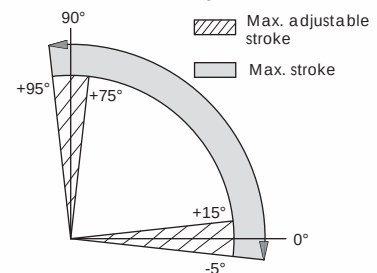
*before selecting the flange connection please consider the indications of standard n° 5211 on page 0911 of our manual for op. and maintenance



Connection / Attachment

Pressure connection port 2 and 4	G1/4"
Ancillaries attachment	AA 2

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	8 bar	90°	0°	in kg
DR	107	129	150	172	181	193	215	236	258	301	344	-	-	8,07

SC 2/3	66,5 41,9	87,9 63,4	109 84,9	131 106	140 115	152 128	174 149					65,5 41	8,62
SC 3	58,3 28,8	79,7 50,3	101 71,8	123 93,3	131 102	144 115	166 136	187 158				78,6 49,2	8,73
SC 3/4		71,5 37,2	93 58,7	115 80,2	123 88,8	136 102	158 123	179 145	200 166			91,7 57,4	8,84
SC 4			84,8 45,6	106 67,1	115 75,7	128 88,6	149 110	171 132	192 153	235,3 196		105 65,6	8,95
SC 4/5				98,1 54	107 62,6	120 75,5	141 97	163 118	184 140	227,1 183	270 226	118 73,8	9,06
SC 5						111 62,4	133 83,9	154 105	176 127	218,9 170	262 213	131 82	9,17
SC 5/6							125 70,8	146 92,3	168 114	210,7 157	254 200	144 90,2	9,28
SC 6								138 79,2	159 101	202,5 144	245 187	157 98,4	9,39

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° 1/5 rotation	115	1,19	1,8	D 0,70 S 0,90	D 0,80 S 1,10

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 Q_n 400 L/min., (4) inside pipe Ø 8 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.

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)

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