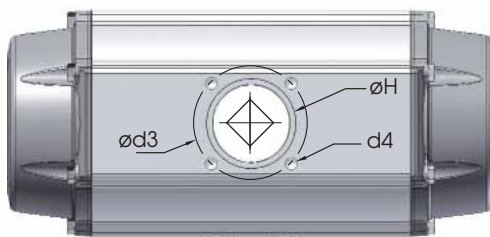
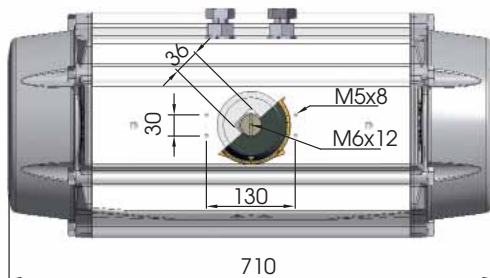
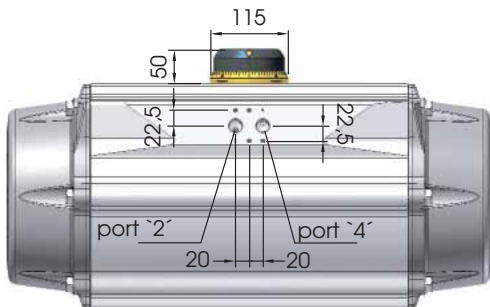
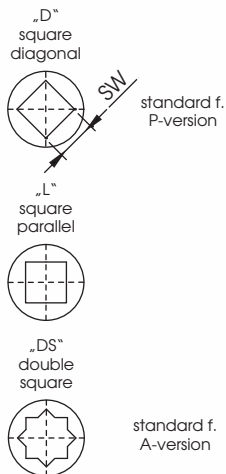




Dimensions in mm



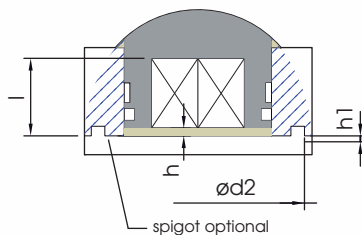
optional squares



ISO 5211 - available flanges

	Standard	optional	
ISO 5211	F16	F14*	F12*
Ø d2	130	-	-
Ø d3	165	140	125
d4	M20 x 30	M16 x 24	M12 x 18
Ø H	130	112	112
SW x l min.	D	27 x 40 - 46 x 49	
	DS	36 x 40 - 46 x 51	
h min.	2,5	2,5	2,5
h1	1,5	-	-

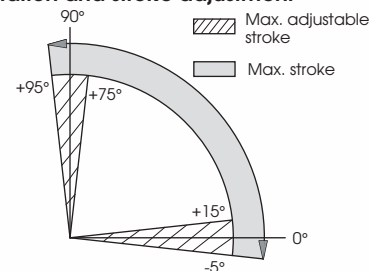
*before selecting the flange connection please consider the indications of standard n° 5211 on page 0911 of our manual for op. and maintenance



Connection / Attachment

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

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	
	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°			0°	90°	0°	90°	0°	90°	0°	90°	0°	90°
DR	1297		1556		1815		2075		2179		2334		2594		2853		3112		3631		4150			76,3

SC 2/3	751	496	1011	755	1270	1015	1529	1274	1633	1378	1789	1533	2048	1793				801	546	84,3
SC 3	642	336	902	595	1161	854	1420	1114	1524	1217	1680	1373	1939	1632	2198	1892		961	655	85,9
SC 3/4			792	435	1052	694	1311	954	1415	1057	1570	1213	1830	1472	2089	1732	2349	1121	764	87,5
SC 4					943	534	1202	793	1306	897	1461	1053	1721	1312	1980	1571	2239	1281	873	89,1
SC 4/5							1093	633	1197	737	1352	893	1612	1152	1871	1411	2130	1442	982	90,7
SC 5									1243	732	1503	992	1762	1251	2021	1510	2540	1602	1091	92,3
SC 5/6											1393	832	1653	1091	1912	1350	2431	1762	1200	93,9
SC 6													1544	931	1803	1190	2322	1922	1309	95,5

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	265	14,5	21,38	D 4,0 S 4,5	D 4,5 S 5,0

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.

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.