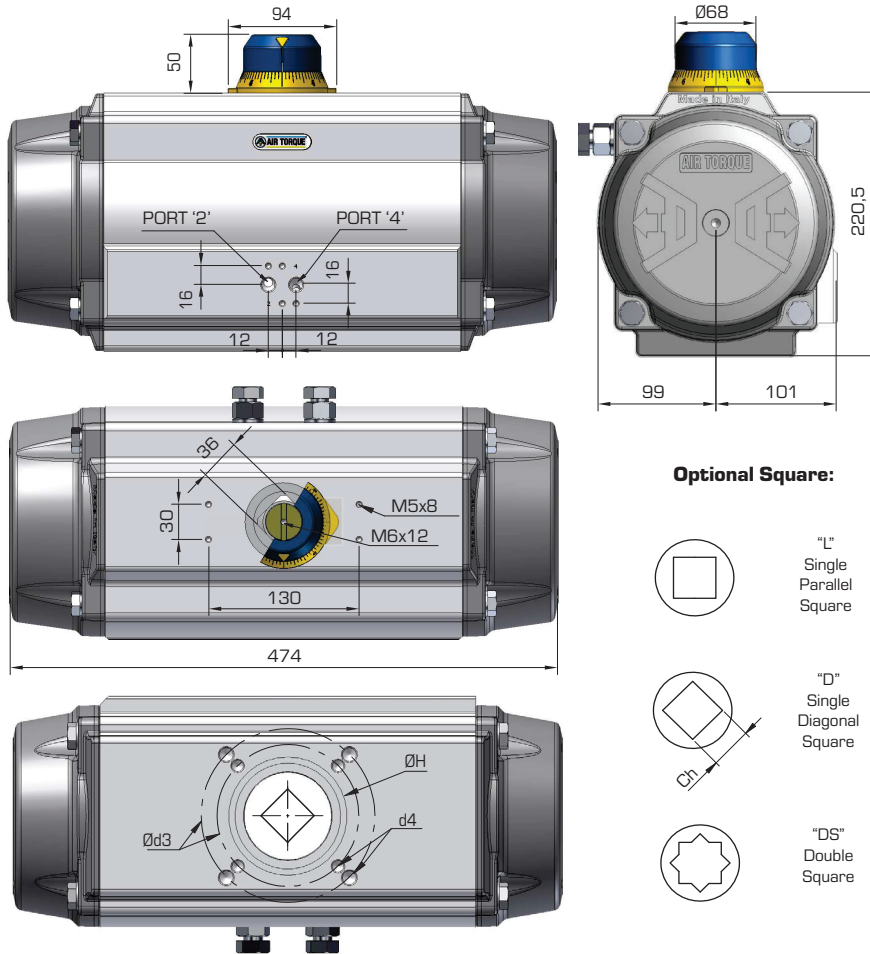




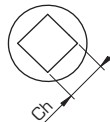
Dimensions in mm



Optional Square:



"L"
Single
Parallel
Square



"D"
Single
Diagonal
Square

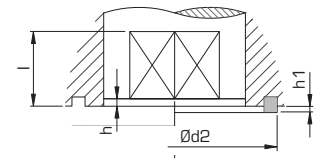


"DS"
Double
Square

ISO 5211 Interface:

		STD	OPTIONAL	
ISO 5211		F14	F10+F12	
Ø d2		100	NA	85
Ø d3		140	102	125
d4		M16x24	M10x15	M12x18
Ø H		100	70	
Ch x l	D	22x40 - 36x38		
min. [°]	DS	27x40 - 36x38		
SS Chxl	DS	27x34		
h min.		2	2	2
h1		3	NA	1,5

(*) Other type and sizes of shaft connection available upon request.

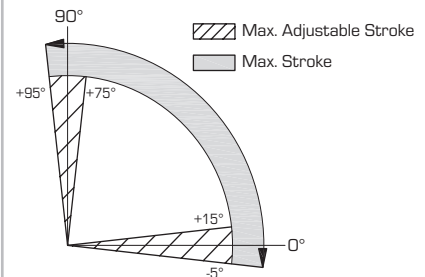


Spigot: available on request

Connection / Attachment:

Pressure connection Port 2 and 4	G1/4"
Ancillary Attachment	AA4

Rotation and stroke adjustment:



OUTPUT TORQUE FOR DOUBLE ACTING IN Nm (°)

Pressure	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		APPROX. WEIGHT (Kg)
	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	
D	383		459		536		613		643		689		766		842		919		1072		1225		24,3

OUTPUT TORQUE FOR SPRING RETURN IN Nm (°)

Pressure	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		Spring Stroke		APPROX. WEIGHT (Kg)
	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	0° Start	90° End	90° Start	0° End	90° Start	0° End	
S 05	225	146	301	223	378	299	455	376	485	406	531	452	608	529									237	158	28,2
S 06	193	99	270	175	346	252	423	329	454	359	500	405	576	482	653	558							284	190	
S 07			238	128	315	205	391	281	422	312	468	358	544	434	621	511	698	587					332	221	29,6
S 08					283	157	360	234	390	264	436	310	513	387	589	464	666	540	819	693			379	253	
S 09							328	186	359	217	405	263	481	340	558	416	634	493	788	646	941	799	426	285	31
S 10											373	216	450	292	526	369	603	445	756	599	909	752	474	316	
S 11													418	245	495	321	571	398	724	551	877	704	521	348	32,4
S 12															463	274	540	351	693	504	846	657	568	379	

Technical data

(**) Nominal Output Torque

Max. Pressure	Rotation (for STD)	Screw Stroke Adjustment	Ø Chamber (mm)	Air volume (L)		Approx. Stroking time (sec.) (A)				Operating temperature range (°C) (B)		
						D		S				
8 bar	0° - 90°	For 1° adj. need 1/4 Turn	180	opening	closing	opening	closing	opening	closing	ST	HT	LLT2
				4.26	6.89	2.0	2.2	2.4	2.8	-40 to +80	-15 to +150	-60 to +80

(A) The values refer to specific test conditions; please contact AIR TORQUE for detailed information.

(B) Every temperature range option requires proper components and lubricant. please contact AIR TORQUE for detailed information.

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).

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