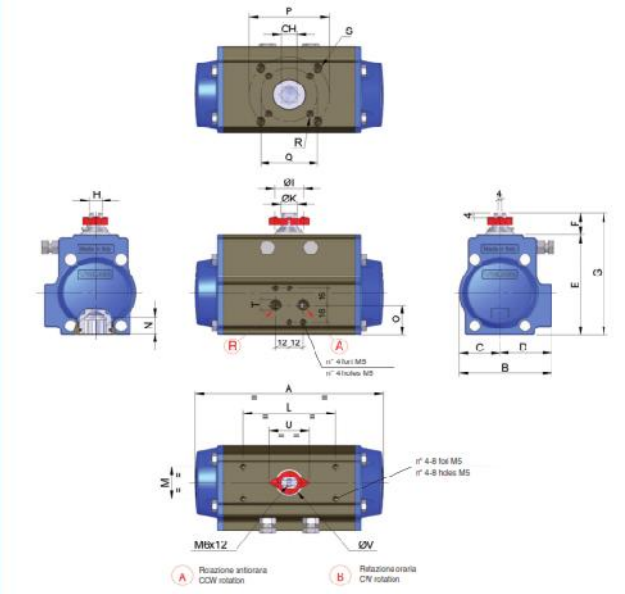
SERIES	ACTUATOR	ATEX
82	125	Ex II 2 G/D c T6



TORQUE chart (Nm)

SR	spring torque		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
spring set	ETC	BTC	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO	BTO	ETO
01	53,1	99,1	80,2	21,2	110,9	51,9	172,2	113,2	-	-	-	-	-	-	-	-	-	-
02	63,3	117,5	-	-	100,7	33,5	162,1	94,8	223,4	156,1	-	-	-	-	-	-	-	-
03	81,1	148,4	-	-	-	-	144,2	63,9	205,5	125,2	236,2	155,9	266,8	186,5	-	-	-	-
04	91,3	166,9	-	-	-	-	134,1	45,5	195,4	106,8	226,1	137,5	256,7	168,1	318,0	229,4	-	-
05	119,2	216,2	-	-	-	-	-	-	167,4	57,5	198,1	88,1	228,7	118,8	290,1	180,1	351,4	241,4
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	143,5		174		235		297		327		358		419		481	

WORKING TIME chart (seconds)

rotation	CCW	CW
DA	0,80	0,70
SR	1,20	0,94

AIR CONSUMPTION chart (1 liter = 1000 cm3)

rotation	CCW	CW
DA	1,63	2,21
SR	1,63	-

WEIGHT chart (Kgs)

DA	10,80
SR	14,08

GENERAL DATA	ISO5211	CH	A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	Q	R	S	T	U	V	slot 1	slot 2
	F07-F10	22	372	148	68	80	174,4	30	204,4	22	49	32	80/130	30	24	61	102	70	M8x12	M10x15	1/4"	64	44	4x4	M6x12

	temperature	-20°C +85°C			DA	SR set 05
	item	description	material	treatment	qty	qty
	1	body	extruded aluminium	hard-anodized	1	1
	2	pinion (anti blow-out design)	steel	nickel plated	1	1
*	3	oring	NBR		1	1
*	4	spacer ring	POM		1	1
*	5	oring	NBR		1	1
*	6	oring	NBR		1	1
	7	cam	stainless steel		1	1
	8	cam spacer ring	POM		1	1
*	9	pinion spacer ring	POM		1	1
	10	washer	stainless steel		1	1
	11	seeger	steel DIN471-UNI-7436	nickel plated	1	1
	12	piston	die casted aluminium		2	2
*	13	oring	NBR		2	2
*	14	antifriction ring	POM		2	2
*	15	thrust block	POM		2	2
	16	stop bolt nut	stainless steel		2	2
	17	stop bolt	stainless steel		2	2
	18	external spring	steel	painted	-	2
	19	central spring	steel	painted	-	-
	20	internal spring	steel	painted	-	2
	21	left side end cap	die casted aluminium	painted	1	1
	22	right side end cap	die casted aluminium	painted	1	1
	23	end caps seat	NBR		2	2
	24	oring	NBR		2	2
	25	end cap fixing screws	stainless steel		8	8
	26	position indicator	thermoplastic rubber TPE		1	1

* parts subject to wear

item 3,5,6,11,13,23,24 are parts included into "set of oring"

item 4,6,8,9,11,14,15 are parts included into "set of guide"

