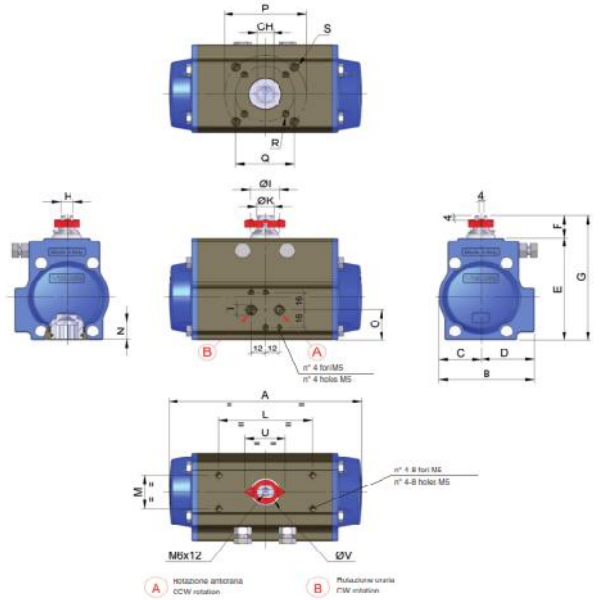
SERIES	ACTUATOR	ATEX
82	115	Ex II 2 G/D c T6



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	41,0	74,4	61,3	18,4	84,7	41,8	131,4	88,5	-	-	-	-	-	-	-	-	-	-
02	50,7	94,4	-	-	74,9	21,8	121,6	68,5	168,3	115,2	-	-	-	-	-	-	-	-
03	60,8	108,1	-	-	-	-	111,6	54,7	158,3	101,5	181,6	124,8	205,0	148,2	-	-	-	-
04	70,6	128,1	-	-	-	-	101,8	34,8	148,5	81,5	171,9	104,9	195,2	128,2	241,9	174,9	-	-
05	90,4	161,8	-	-	-	-	-	-	128,7	47,8	152,0	71,1	175,4	94,5	222,1	141,2	268,8	187,9
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	109		132		179		226		249		272		319		366	

WORKING TIME chart (seconds)

rotation	CCW	CW
DA	0,60	0,54
SR	0,92	0,75

AIR CONSUMPTION chart (1 liter = 1000 cm3)

rotation	CCW	CW
DA	1,29	1,71
SR	1,29	-

WEIGHT chart (Kgs)

DA	8,85
SR	11,45

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	333	137	64	73	162,4	30	192,4	22	49	32	80/130	30	24	50	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"

