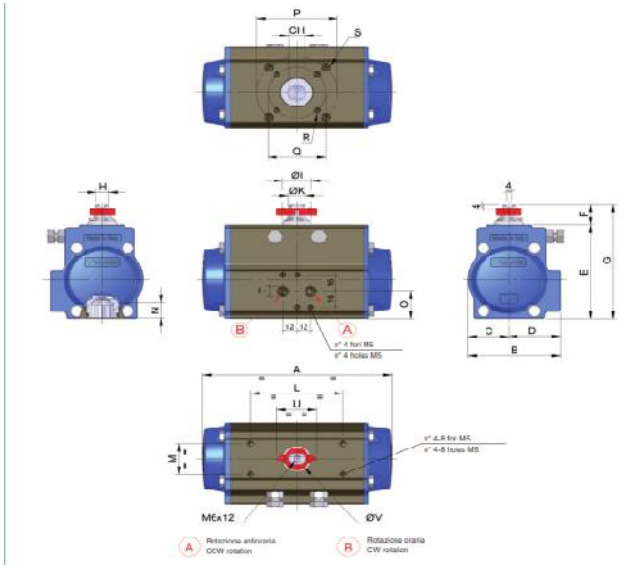
SERIES	ACTUATOR	ATEX
82	100	Ex II 2 G/D c T6



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	24,6	44,6	36,0	10,1	50,2	24,2	78,4	52,5	-	-	-	-	-	-	-	-	-	-
02	32,6	58,9	-	-	42,2	9,9	70,5	38,1	98,7	66,4	-	-	-	-	-	-	-	-
03	35,9	63,7	-	-	-	-	67,1	33,3	95,4	61,6	109,5	75,7	123,6	89,9	-	-	-	-
04	43,9	78,0	-	-	-	-	59,1	19,0	87,4	47,3	101,5	61,4	115,7	75,5	143,9	103,8	-	-
05	55,2	97,2	-	-	-	-	-	-	76,1	28,1	90,2	42,3	104,3	56,4	132,6	84,7	160,8	112,9
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	66		80		108		136		150		164,5		193		221	

WORKING TIME chart (seconds)

rotation	CCW	CW
DA	0,38	0,34
SR	0,54	0,48

AIR CONSUMPTION chart (1 liter = 1000 cm3)

rotation	CCW	CW
DA	0,79	1,00
SR	0,79	-

WEIGHT chart (Kgs)

DA	5,50
SR	7,00

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	17	275	123	55	68	137,8	20	157,8	15	35	22	80	30	20,5	50	102	70	M8x8	M10x14	1/4"	42	29	4x4	M6x12

	item	description	material	treatment	DA qty	SR set 05 qty
		temperature -20°C +85°C				
	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"

