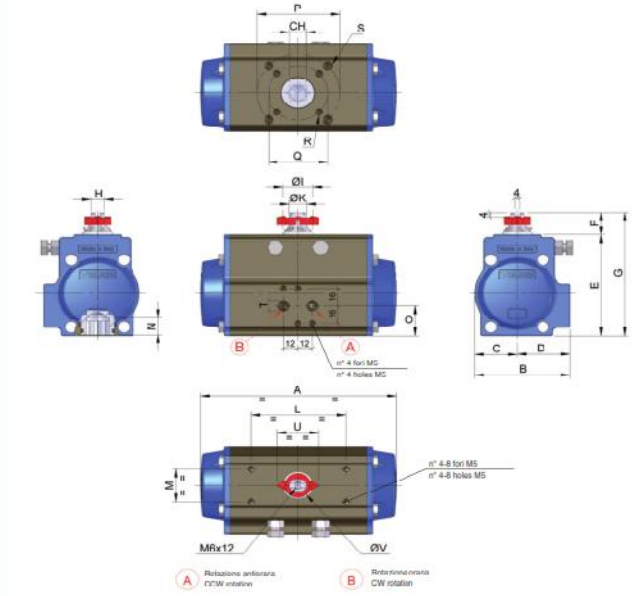
SERIES	ACTUATOR	ATEX
82	85	Ex II 2 G/D c T6



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	16,1	27,3	22,2	7,6	31,3	16,6	49,5	34,8	-	-	-	-	-	-	-	-	-	-
02	19,9	33,7	-	-	27,6	10,3	45,7	28,4	63,9	46,6	-	-	-	-	-	-	-	-
03	24,3	40,8	-	-	-	-	41,3	21,3	59,4	39,5	68,5	48,6	77,6	57,6	-	-	-	-
04	28,1	47,1	-	-	-	-	37,5	15,0	55,7	33,1	64,8	42,2	73,8	51,3	92,0	69,4	-	-
05	36,3	60,6	-	-	-	-	-	-	47,5	19,6	28,7	65,6	65,6	37,8	83,8	55,9	101,9	74,1
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	41,5		50,5		68,5		87		96		105		123		141	

WORKING TIME chart (seconds)

rotation	CCW	CW
DA	0,36	0,25
SR	0,32	0,30

AIR CONSUMPTION chart (1 liter = 1000 cm3)

rotation	CCW	CW
DA	0,51	0,64
SR	0,51	-

WEIGHT chart (Kgs)

DA	3,90
SR	4,80

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
	F05-F07	17	240,5	106	47,5	58,5	125	20	145	15	35	22	80	30	19	42	70	50	M6x8	M8x12	1/8"	42	29	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"

