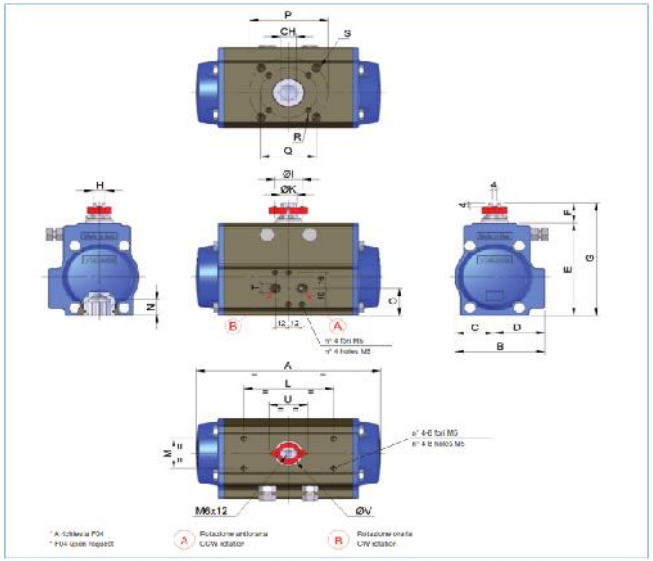
SERIES	ACTUATOR	ATEX
82	63	Ex II 2 G/D c T6



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	5,0	9,6	8,6	2,6	12,0	6,0	18,9	12,8	-	-	-	-	-	-	-	-	-	-
02	6,6	12,3	-	-	10,5	3,2	17,4	10,1	24,2	17,0	-	-	-	-	-	-	-	-
03	8,0	14,5	-	-	-	-	15,9	7,9	22,8	14,8	26,2	18,2	29,6	21,7	-	-	-	-
04	9,6	17,2	-	-	-	-	14,4	5,2	21,2	12,0	24,6	15,5	28,1	18,9	34,9	25,8	-	-
05	12,5	22,1	-	-	-	-	-	-	18,2	7,1	21,7	10,6	25,1	14,0	31,9	20,9	38,8	27,7
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	15,5		19		26		33		36		39,5		46,5		53,5	

WORKING TIME chart (seconds)		
rotation	CCW	CW
DA	0,11	0,10
SR	0,13	0,13

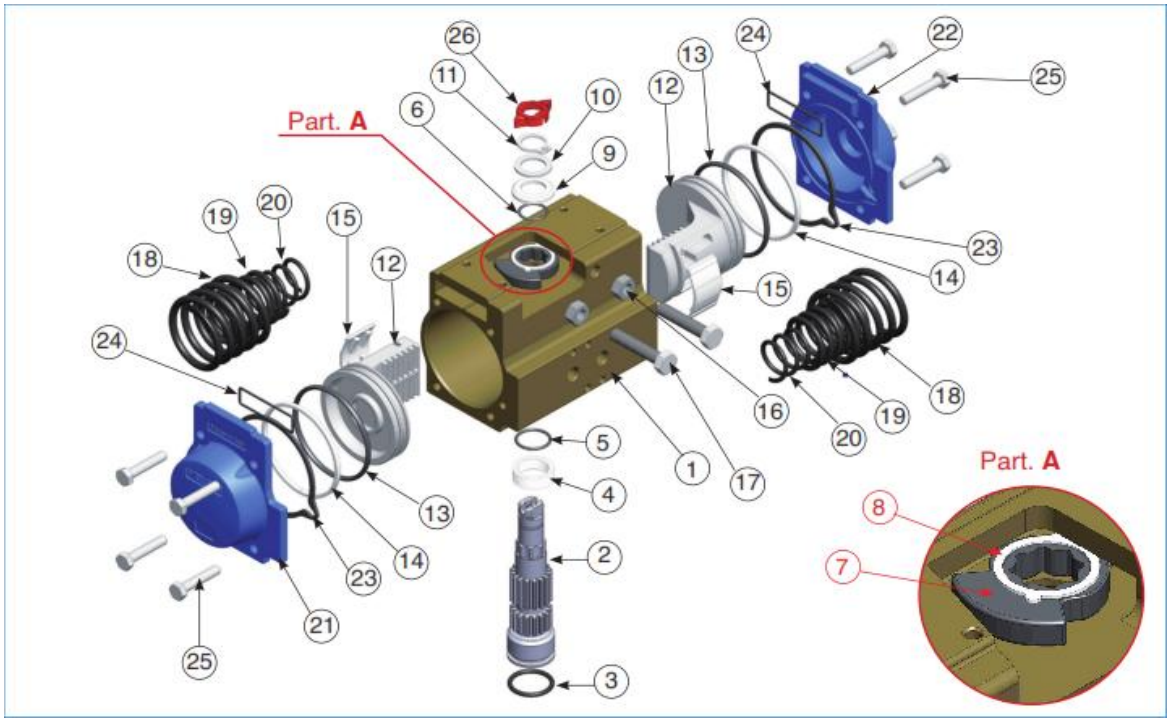
AIR CONSUMPTION chart (1 liter = 1000 cm3)		
rotation	CCW	CW
DA	0,19	0,23
SR	0,19	-

WEIGHT chart (Kgs)	
DA	1,66
SR	1,97

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*	14	164	80,5	35,5	45	93	20	113	11	25	15	80	30	16	27,5	70	50	M6x8	M8x12	1/8"	34,5	22	4x4	M6x12

* F04 upon request

	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"