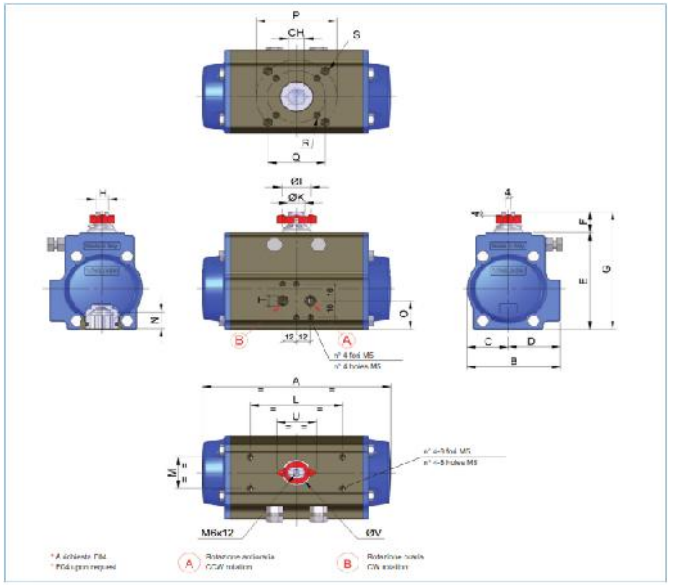
SERIES	ACTUATOR	ATEX
82	52	Ex II 2 G/D c T6



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	3,6	4,9	4,5	1,6	6,4	3,5	10,2	7,4	-	-	-	-	-	-	-	-	-	-
02	4,8	6,7	-	-	5,2	1,7	9,0	5,6	12,8	9,4	-	-	-	-	-	-	-	-
03	5,2	7,5	-	-	-	-	8,6	4,8	12,4	8,6	14,3	10,5	16,2	12,4	-	-	-	-
04	6,5	9,3	-	-	-	-	7,3	3,0	11,2	6,8	13,1	8,7	15,0	10,6	18,8	14,5	-	-
05	8,1	11,9	-	-	-	-	-	-	9,5	4,3	11,4	6,2	13,3	8,1	17,1	11,9	20,9	15,7
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	0,07	0,05
SR	0,07	0,07

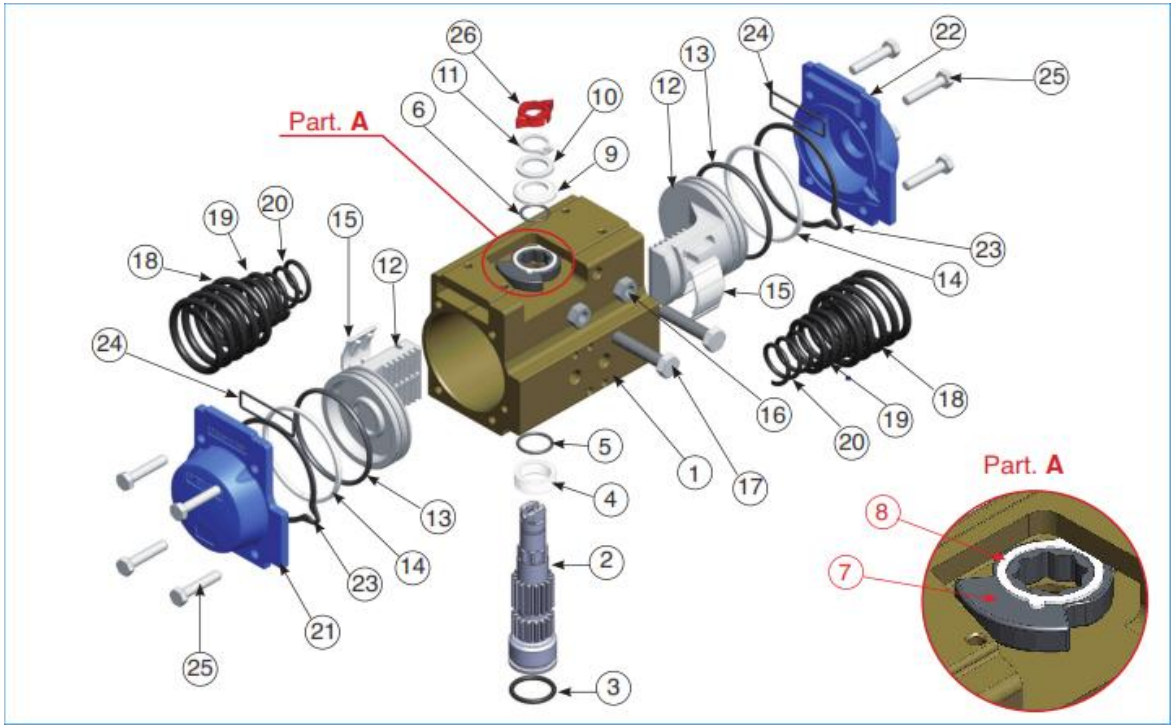
AIR CONSUMPTION chart (1 liter = 1000 cm3)		
rotation	CCW	CW
DA	0,10	0,13
SR	0,10	-

WEIGHT chart (Kgs)	
DA	1,12
SR	1,30

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
	F03-F05*	11	141	71	30	41	81,5	20	101,5	10	21	12	80	30	12	26,5	50	36	M5x7,5	M6x9	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"