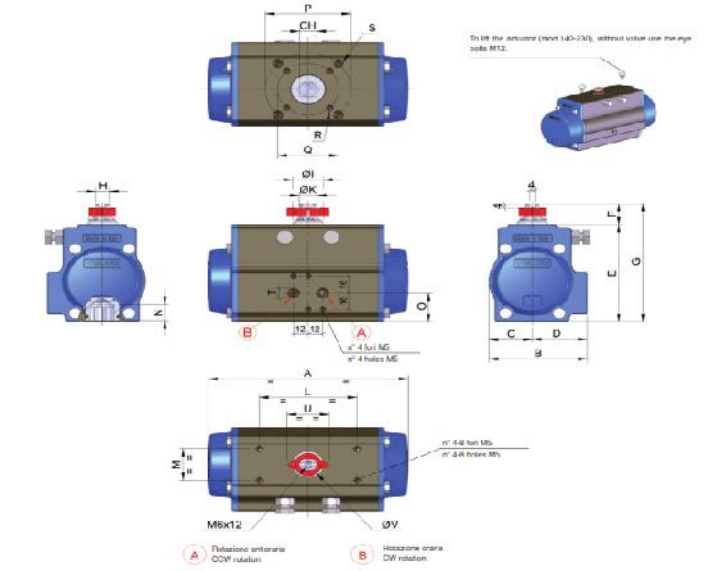
SERIES	ACTUATOR	ATEX
82	140	Ex II 2 G/D c T6



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	82	152	119	36	160	77	242	159	-	-	-	-	-	-	-	-	-	-
02	92	172	-	-	149	56	231	138	313	220	-	-	-	-	-	-	-	-
03	117	221	-	-	-	-	205	86	287	168	328	209	369	250	-	-	-	-
04	128	240	-	-	-	-	193	64	275	146	316	187	358	229	440	311	-	-
05	164	308	-	-	-	-	-	-	238	72	279	114	320	155	402	237	484	319
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	205		246		328		410		451		493		575		657	

WORKING TIME chart (seconds)

rotation	CCW	CW
DA	1,13	0,94
SR	1,64	1,25

AIR CONSUMPTION chart (1 liter = 1000 cm3)

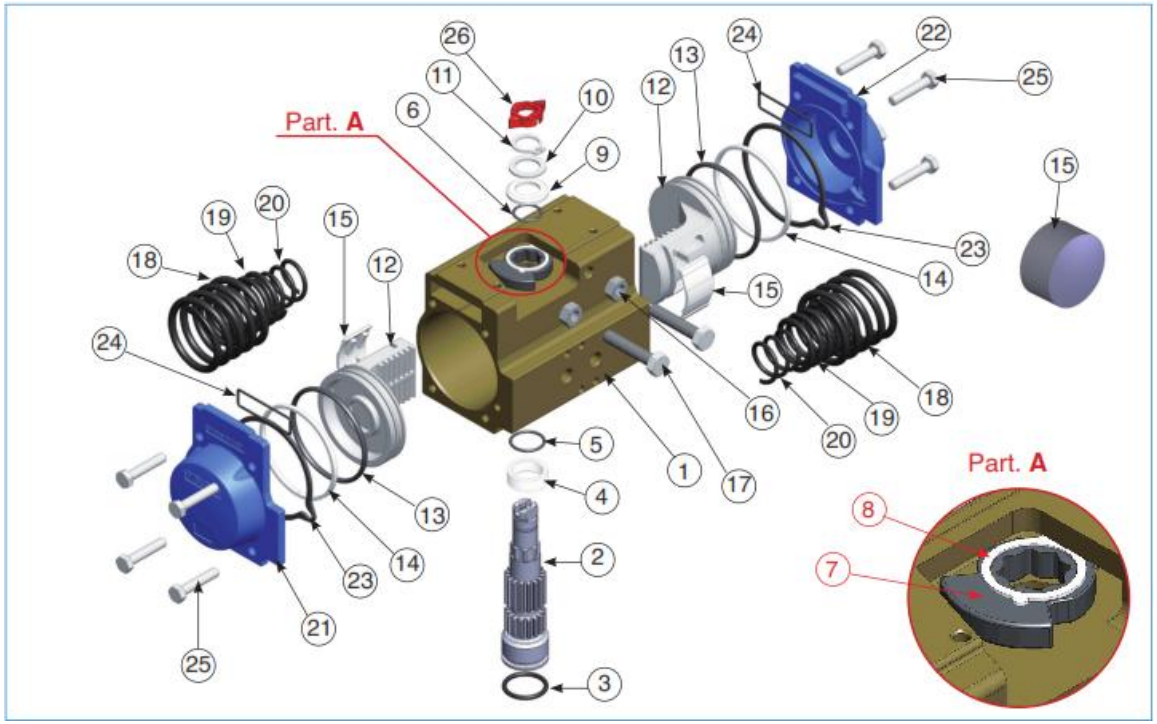
rotation	CCW	CW
DA	2,26	3,16
SR	2,26	-

WEIGHT chart (Kgs)

DA	16,30
SR	21,80

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
	F10-F12	27	435	164	76,5	87,5	197	30	227	24	49	35	80/130	30	29	71	125	102	M10x15	M12x18	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		4	4
	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"