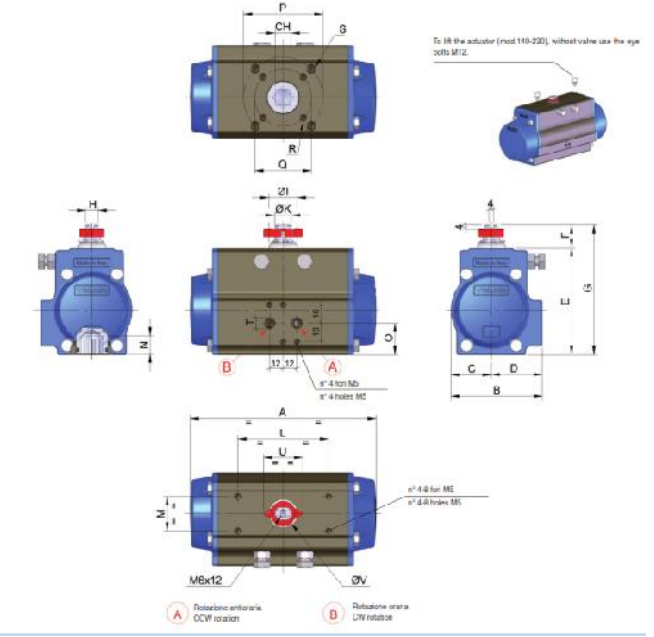
SERIES	ACTUATOR	ATEX
82	200	Ex II 2 G/D c T6



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	169	251	353	269	459	375	-	-	-	-	-	-	-	-	-	-	-	-
02	237	353	-	-	381	262	594	475	-	-	-	-	-	-	-	-	-	-
03	288	428	-	-	330	188	543	401	755	613	-	-	-	-	-	-	-	-
04	338	522	-	-	-	-	483	295	695	507	802	614	-	-	-	-	-	-
05	406	604	-	-	-	-	-	-	626	425	733	532	839	638	-	-	-	-
06	507	773	-	-	-	-	-	-	-	-	622	352	728	458	941	671	1.153	883
DA	-		air supply pressure (bar)															
			2.5		3		4		5		5.5		6		7		8	
	-	-	532		638		851		1063		1170		1276		1489		1701	

WORKING TIME chart (seconds)

rotation	CCW	CW
DA	3,08	2,41
SR	3,58	2,80

AIR CONSUMPTION chart (1 liter = 1000 cm3)

rotation	CCW	CW
DA	5,70	10,55
SR	5,70	-

WEIGHT chart (Kgs)

DA	37,00
SR	55,00

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
	F14	36	578,5	217	108	109	278	30	308	36	67	50	80/130	30	37	78	140	-	-	M16x24	1/4"	80,5	60	4x4	M6x12

	temperature	-20°C +85°C			DA	SR set 06
	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 (PILL shape)	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	-	2
	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"

