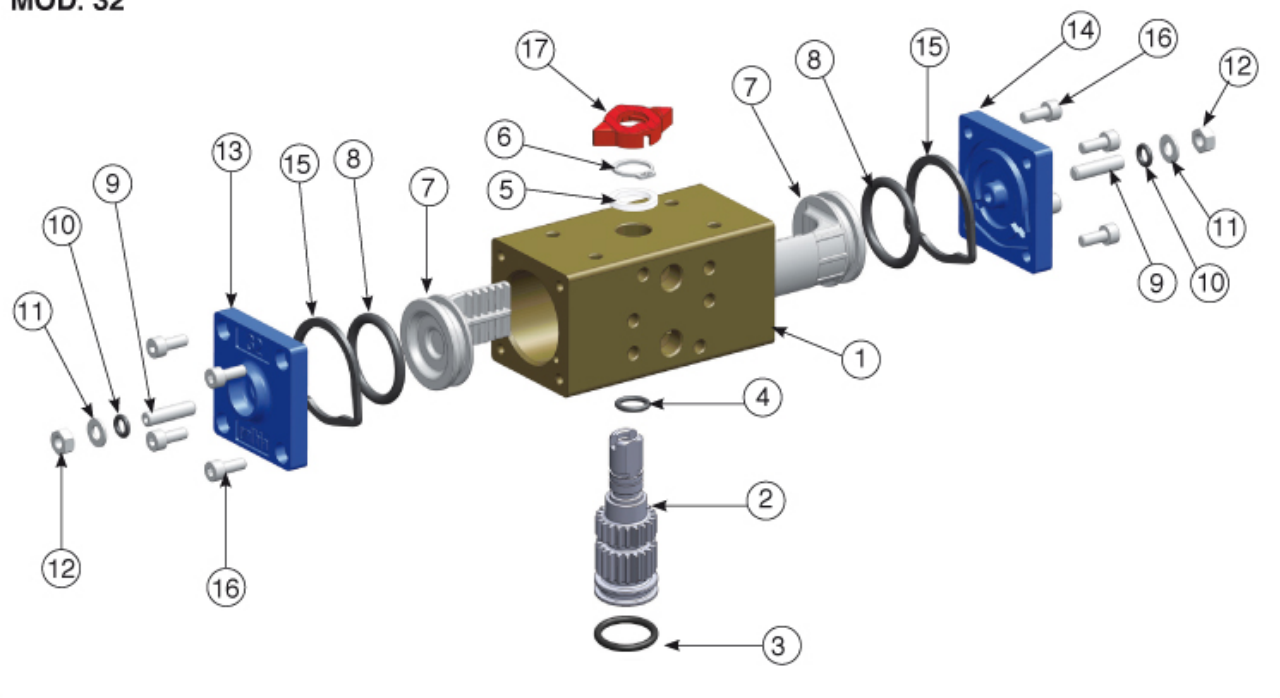
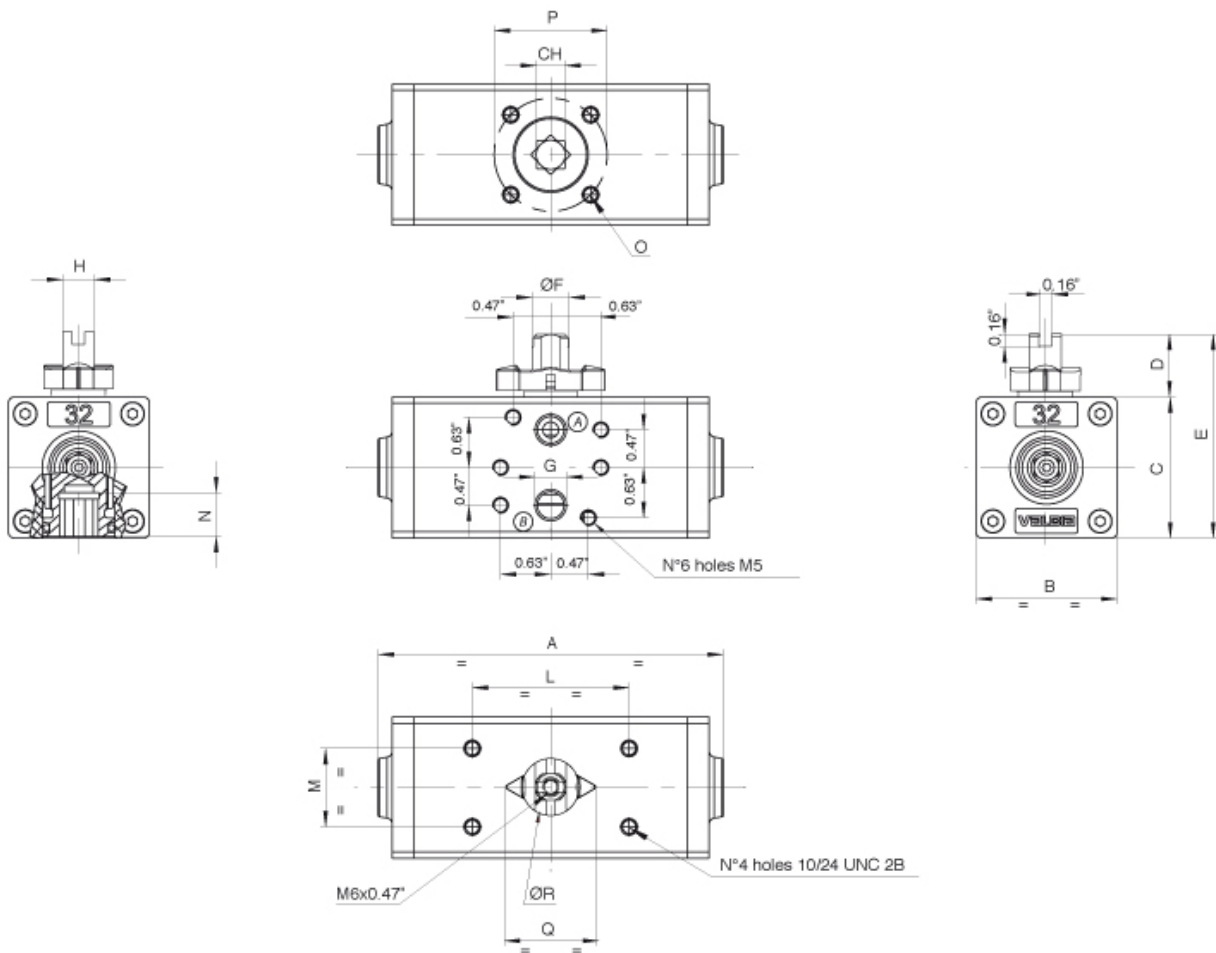


MOD. 32



ITEM	DESCRIPTION	MATERIAL	TREATMENT	Q.TA'
1	Body	Extruded aluminium	Hard anodized	1
2	Anti-blowout pinion	Steel	Nickel plated	1
• 3	O-ring	NBR		1
• 4	O-ring	NBR		1
• 5	Spacer ring	POM		1
6	Snap ring	Steel	Nickel plated	1
7	Piston	Die cast aluminium		2
• 8	O-ring	NBR		2
9	Stop bolt	Stainless steel		2
• 10	O-ring	NBR		2
11	Washer	Stainless steel		2
12	Stop boltretaining nut	Stainless steel		2
13	Left end cap	Die cast aluminium	Painted	1
14	Right end cap	Die cast aluminium	Painted	1
15	End cap seats	NBR		2
16	End cap fixing screw	Stainless steel		8
17	Position indicator	Thermoplastic rubber TPE		1

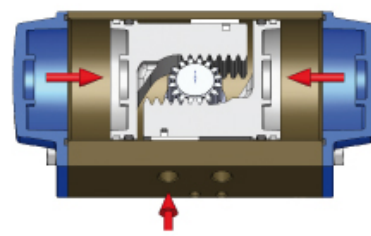
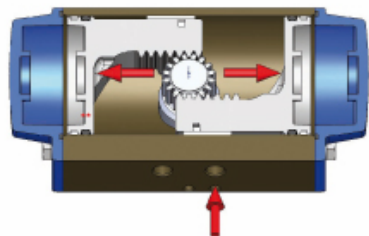
• Parts subject to wear

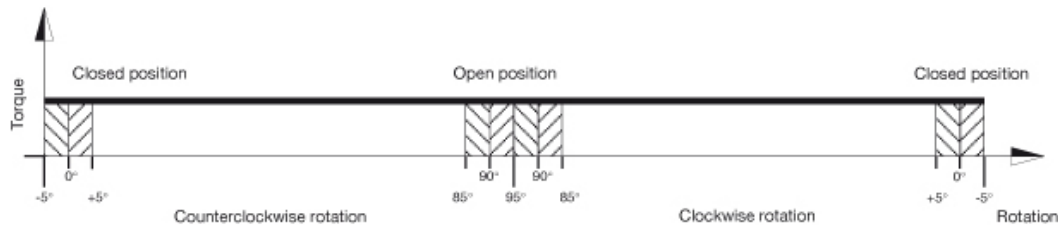


(A) CCW rotation

(B) CW rotation

MOD.	DRILLING ISO 5211	CH	A	B	C	D	E	ϕF	G NPT	H	L	M	N	O	P	Q	ϕR
32	F03	0.35	4.33	1.77	1.77	0.79	2.56	0.46	1/8"	0.39	1.97	0.98	0.47	10-24 UNC 2Bx0.30	1.42	1.36	0.87





With reference to the above diagram it can be noted that the torque of a double acting actuator remains constant through-out the complete action. The user can decide on which model to choose according to his/her own specific requirements, using the following guidelines:

1. Define the maximum torque of the valve to automate.
2. To obtain a safety factor increase the torque value chosen by 25-50% (subject to the type of valve and working conditions).
3. Once the torque value suggested is obtained consult the torque chart and in relation to the corresponding air pressure find a torque value exact to or exceeding the one obtained.
4. Once the torque value is determined move horizontally to the column "model" to find the actuator model required.

TYPE	AIR SUPPLY PRESSURE (psi)							
	40	50	60	70	80	90	100	115
	TORQUE OUTPUT DOUBLE ACTING ACTUATORS (in-Lbs)							
DA 52	34	43	55	64	71	82	87	101

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WORKING TIME (SEC)		
COUNTERCLOCKWISE ROTATION (DA)	CCW	0.03
CLOCKWISE ROTATION (DA)	CW	0.03

WEIGHT CHART (Lbs)	
DOUBLE ACTING	1,08

ACTUATOR AIR CONSUMPTION CHART		
COUNTERCLOCKWISE ROTATION (DA/SR)	CCW	2,44
CLOCKWISE ROTATION (DA)	CW	1,83

Litres: 1 Litre = 1000 cm³

To obtain the air consumption in Nl/min multiply the value in the chart for the correct parameters. That is to say for the supplied absolute pressure and the number of strokes in a minute.