

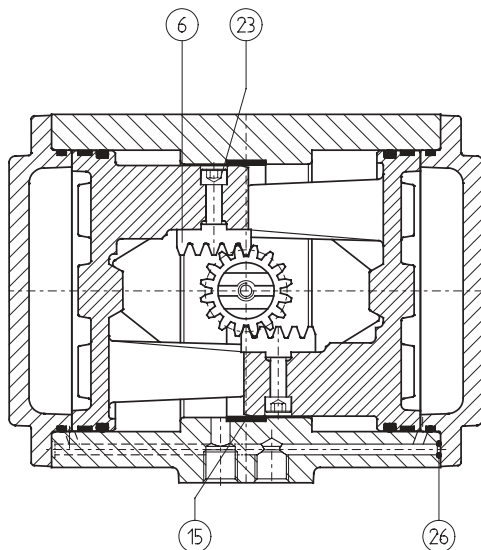
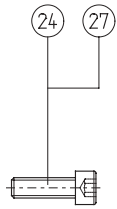
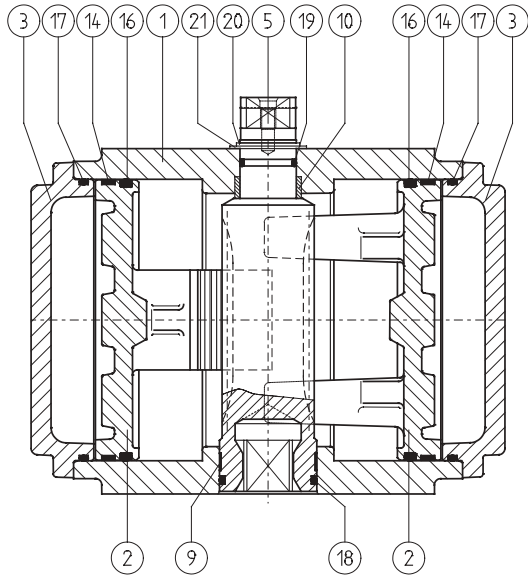
Subject to change without notice

VALVE AUTOMATION SYSTEMS

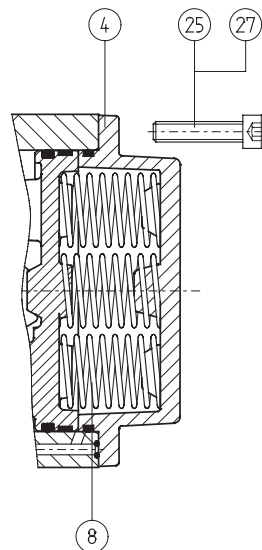
EL-O-MATIC[®]
w w w . e l - o - m a t i c . c o m

Nr.:
1.101.30
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Date:
March '05



DOUBLE ACTING PD



SINGLE ACTING PS

Parts			Materials		Executions		
Nr.	Description	Qty.	Description	Specification	Std	S.S. Shaft	CSR
1	Body	1	Aluminium Alloy	GAISi10Mg, DIN 1725/2	-	-	6
2	Piston	2	Aluminium Alloy	GAISi 7Mg, DIN 1725/2	-	-	-
3	End Cap PD	2	Aluminium Alloy	GAISi10Mg, DIN 1725/2	-	-	6
4	End Cap PS	2	Aluminium Alloy	GAISi10Mg, DIN 1725/2	-	-	6
5	Central drive shaft	1	Aluminium Alloy	AlZnMgCu1.5, DIN 1725/1	1	4	4
6	Gear Rack	2	Steel	C45, DIN 17200	-	-	-
8	Spring	14	Carbon Spring Steel	Class C, DIN 17223	2	2	2
9	* Bearing Bush	1	Nylatron GS	PA6.6 + MoS2	-	-	-
10	* Bearing Bush	1	Delrin	POM	-	-	-
14	* Guide band	2	PTFE, Carbon filled	PTFE + 25% C	-	-	-
15	* Guide band	2	PTFE, Carbon filled	PTFE + 25% C	-	-	-
16	* O-ring	2	Nitrile Rubber	Buna N	-	-	-
17	* O-ring	2	Nitrile Rubber	Buna N	-	-	-
18	* O-ring	1	Nitrile Rubber	Buna N	-	-	-
19	* O-ring	1	Nitrile Rubber	Buna N	-	-	-
20	* Spring Clip	1	Carbon Spring Steel	Ck75, DIN 17222	2	5	5
21	* Thrust Washer	1	ZEDEX 100 K	-	-	-	-
23	Bolt	4	Alloy Steel	12.9 DIN 912	-	-	-
24	Endcap Bolt PD	20	Alloy Steel	8.8 DIN 912	2	4	4
25	Endcap Bolt PS	20	Alloy Steel	8.8 DIN 912	2	4	4
26	* O-ring	2	Nitrile Rubber	Buna N	-	-	-
27	Threaded insert	20	Steel	9S MnPb28K	3	3	3

* Recommended spare parts (contained in Repair kit)

Notes

- 1: Hard anodized aluminium alloy: AlZnMgCu1.5, DIN 1725/1
- 2: Deltatone[®] Coating.
- 3: Zinc plated and passivated.
- 4: Stainless Steel AISI 304
- 5: Stainless Steel, X35CrM017
- 6: CSR Coating (see 4.204.02).
- 7: P4000 has a stainless steel (AISI 304) locking ring between spring clip (20) and thrust washer (21).
- 8: P4000 has in the springs a guiding bush (PVC).

Finish:

- Standard : Polyester non-TGIC based powder coating (see data sheet 4.204.01)
- CSR : CSR Coating (see data sheet 4.204.02)

CONSTRUCTION, PARTS AND MATERIALS P-SERIE ACTUATORS P