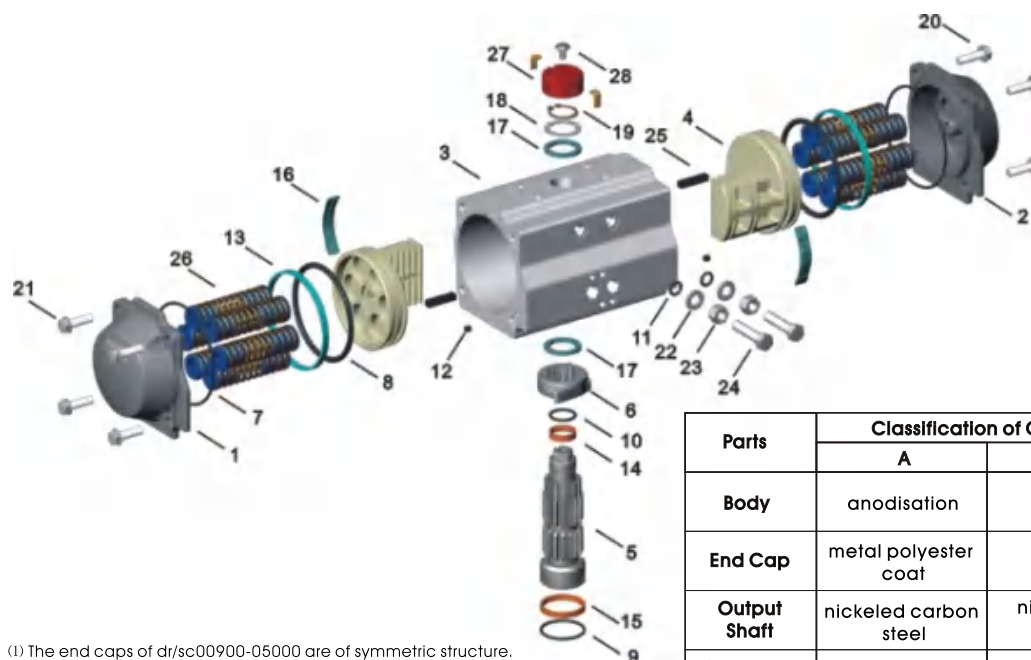




Components, Material and Corrosion Protection



(1) The end caps of dr/sc00900-05000 are of symmetric structure.

(2) 8 end cap screws are provided for dr/sc00015-02000

While 12 for dr/sc03000-05000.

* the recommended parts for repair including the parts in the box of spare parts

Parts	Classification of Corrosion Protection	
	A	B
Body	anodisation	PTFE coat + anodisation
End Cap	metal polyester coat	PTFE coat
Output Shaft	nickel carbon steel	nickel carbon steel or stainless steel
Operating Environment	normal occasion	normal occasion or environment with low concentration of the acidity

Code of The Parts	Number for Each type	Name of The Parts	Standard Material	Material Selection
01	1 ⁽¹⁾	left end cap	aluminium die-cast alloys	stainless steel
02	1 ⁽¹⁾	right end cap	aluminium die-cast alloys	stainless steel
03	1	cylinder body	extruded aluminum alloy	stainless steel
04	2	piston	aluminium die-cast alloys	-----
05	1	output shaft	carbon-steel	stainless steel
06	1	adjusting cam	stainless steel	-----
07 *	2	O-ring (end cap)	nitrile rubber	FPM or silicon rubber
08 *	2	O-ring (piston)	nitrile rubber	FPM or silicon rubber
09 *	1	O-ring (bottom of output shaft)	nitrile rubber	FPM or silicon rubber
10 *	1	O-ring (top of output shaft)	nitrile rubber	FPM or silicon rubber
11 *	2	O-ring (adjusting screw)	nitrile rubber	FPM or silicon rubber
12 *	2	stopper end (cylinder body)	nitrile rubber	FPM or silicon rubber
13 *	2	bearing shaft (pistons)	fluorocarbon	-----
14 *	1	bearing shaft(top of output shaft)	PA66	-----
15 *	1	bearing shaft(bottom of output shaft)	PA66	-----
16 *	1	pilot bearing (back of the piston)	PA66	-----
17 *	2	thrust bearing (output shaft)	PA66	-----
18	2	filler piece (output shaft)	PA66	-----
19	1	elastic collar	stainless steel	-----
20	8/12/16 ⁽²⁾	end cap screw	stainless steel	-----
21	8/12/16 ⁽²⁾	end cap filler piece	stainless steel	-----
22	2	filler piece	stainless steel	-----
23	2	screw cap	stainless steel	-----
24	2	adjusting screw	stainless steel	-----
25	2	guide pad	PA66 + 30%FG	-----
26	5-12	spring subassembly	alloy spring steel	-----
27	1	location indicator	PP + 30%GF	-----
28	1	screw	stainless steel	-----