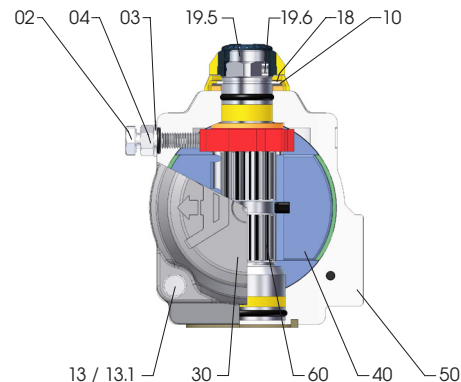




Coating specifications for A Version actuators



Characteristics:

- the body is ALODUR coated, inside as well as outside. The end caps are chromitized and coated with light-grey polyester. The coating is abrasion-free and is used for standard industrial purposes. The ALODUR-coating has compared with the common hard anodizing the advantage of a better surface roughness with nearly the same strength, by a better stability.
- the end caps are chromitized and covered with an additional layer of polyester.
- his coating is achieved through a special method, which uses a special surface treatment with brushing and sandblasting followed by an electrochemical oxidation of the aluminium surface.
- Good corrosion resistance, very high surface hardness for good abrasion resistance in connection with the standard hard anodation the inside surface roughness was reduced about 40%. The outcome of this is lower friction in combination with a higher sealing lifetime

suitable for:

general service

not suitable for:

caustic soda, all strong acids or basic solutions

test certificates:

Salt spray test: no. SAC/0594/11-1
Kesternich test: no. SAC/0595/11-1

approvals:

Classification of ships: DET NORSKE Nr. P-12465
GOST: no. 7435773, PPC 00-26447

parts and coating specifications:

Part n°	Quantity / Note		Part description	Standard Material	Corrosion protection	Coating Thickness, μ	Colour
02	2	not for DRSC00010U	stop cap screw	Stainless Steel A2 70 (ISO 3506)	/	/	/
03	2	not for DRSC00010U	washer	Stainless Steel A2 70 (ISO 3506)	/	/	/
04	2	not for DRSC00010U	nut (stop screw)	Stainless Steel A2 70 (ISO 3506)	/	/	/
10	1	for DRSC00010U - DRSC10000U	thrust washer (pinion)	Stainless Steel AISI 304	/	/	/
13	8/12/16	for DRSC00010U - DRSC05000U	cap screw (end cap)	Stainless Steel A2 70 (ISO 3506)	/	/	/
13.1	16	only for DRSC10000U	washer	Stainless Steel A2 70 (ISO 3506)	/	/	/
18	1	for DRSC00010U - DRSC10000U	spring clip	Spring Steel	E.N.P.	/	/
19.5	1	not for DRSC00010U-DRSC00030U	top adaptor	Extruded Aluminium alloy	anodised	45 - 50	/
19.6	1	not for DRSC00010U-DRSC00030U	hex. socket screw	Stainless Steel A2 70 (ISO 3506)	/	/	/
30	2	for DRSC00010U - DRSC05000U	end cap	Pressure Die Cast Aluminium alloy	anodised + poliester coated	15 - 20 80 - 90	RAL 9007
		only DRSC10000U		Cast Aluminium alloy			
40	2	for DRSC00010U - DRSC05000U	piston	Pressure Die Cast Aluminium alloy	anodised	10 - 15	black
		not for DRSC10000U		Cast Aluminium alloy			
50	1	for DRSC00010U - DRSC04000U	body	Extruded Aluminium alloy	anodised	20 - 30	light grey
		for DRSC05000U - DRSC10000U		Cast Aluminium alloy	anodised + • 1. primer coating • 2. epoxy coating • 3. polyurethan c.	15 - 20 30 - 50 30 - 40 40 - 50	RAL 9007
60	1	for DRSC00015U - DRSC05000U	drive shaft	Steel	E.N.P.	20 - 25	/
		for DRSC00010U + DRSC10000U		Extruded Aluminium alloy	anodised	25 - 30	/

note: for all other part descriptions and material see technical data sheet of the proper model