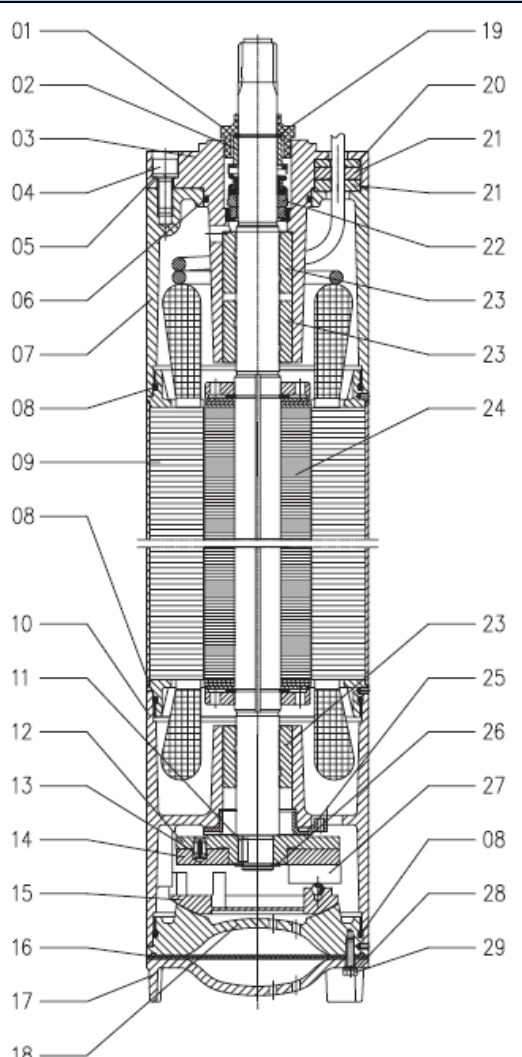


## MSD – MATERIAL SPECIFICATION

N.	COMPONENT	MATERIAL	
° 01	Sand guard	Fluoroelastomer (Viton)	
02	Seal spacer	Duplex stainless steel 1.4507	
03	Upper support	Duplex stainless steel 1.4517	
04	Screw	Duplex stainless steel 1.4507	
05	Grower washer	Duplex stainless steel 1.4507	
° 06	O-ring	Fluoroelastomer (Viton)	
07	Upper cover	Duplex stainless steel 1.4517	
° 08	O-ring	Fluoroelastomer (Viton)	
09	Stator shell	Duplex steel AISI904L	
10	Lower support	Duplex stainless steel 1.4517	
11	Key	Stainless steel 1.4401 (AISI316)	
° 12	Thrust bearing disc	AQ	
13	Flexible pin	304	
° 14	Thrust bearing ring	-	
15	Sliding blocks holder	-	
16	Compensation membrane	Fluoroelastomer (Viton)	
17	Membrane cover	Duplex stainless steel 1.4517	
18	Thrust bearing base	Duplex stainless steel 1.4517	
19	Seeger ring	Duplex stainless steel 1.4462	
20	Cable clamp ring	Duplex stainless steel 1.4507	
21	Cable clamp gasket	Fluoroelastomer (Viton)	
° 22	Complete mechanical seal	Q1U3VMM (Silicon Carbide/ Tungsten carbide / Viton rubber / Hastelloy C4)	
° 23	Bushing	Graphite	
	Rotor shaft end	Duplex stainless steel 1.4507	
25	Counter-thrust sliding block	Resin	
26	Seeger ring	Stainless steel 304	
27	Thrust bearing sliding blocks	420	
28	Grower washer	Duplex stainless steel 1.4507	
29	Screw	Duplex stainless steel 1.4507	
30 -31	Filling cap	Duplex stainless steel 1.4507	
32	Grower washer	Duplex stainless steel 1.4507	
33	Screw	Duplex stainless steel 1.4507	

° = Recommended spare parts

Casted parts: stainless steel Duplex 1.4517 PREN 36,35 variable thickness from 4 mm to 9 mm

Shaft protrusion: Duplex 1.4507 PREN 37,4

Stator: AISI 904 L ( 1.4539) PREN 34,6 - thickness 2,5 mm