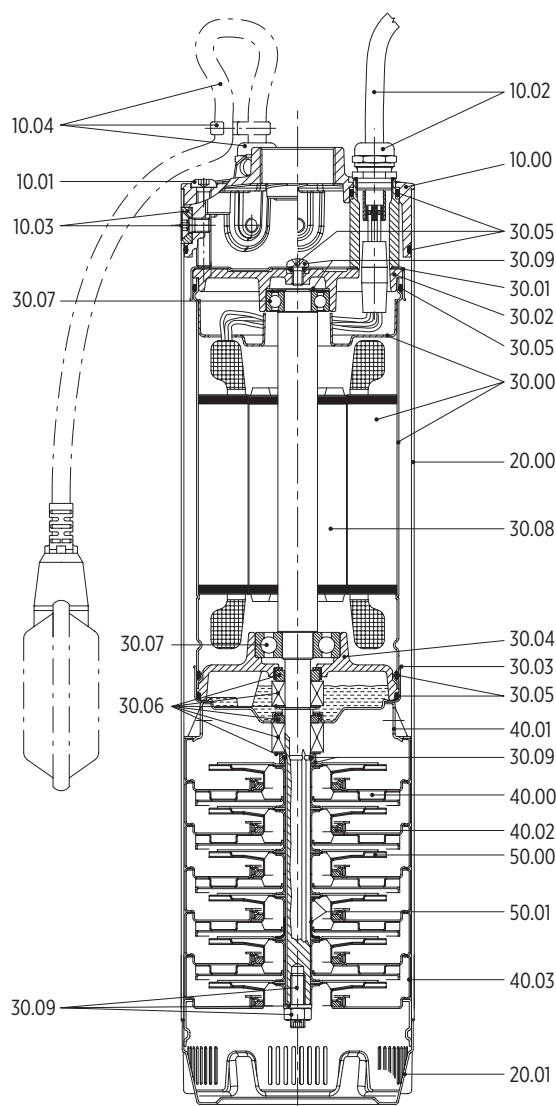


SPARE PARTS AND MATERIALS

SPARE PARTS LIST

Ref. No.	Part description
10.00	Discharge head
10.01	Screws for pre-loading assembly
10.02	Power cable assembly
10.03	Screws and inserts
10.04	Level control assembly
20.00	Outer case
20.01	Suction head
30.00	Motor housing and stator
30.01	Upper motor cover
30.02	Upper bearing housing
30.03	Lower motor cover
30.04	Lower bearing cover
30.05	O-Ring
30.06	Mechanical seals
30.07	Ball bearings
30.08	Rotor and pump shaft
30.09	Screws, nut and washers
40.00	Stage housing with di user
40.01	Spacer
40.02	Floating neck ring assembly
40.03	Initial stage housing
50.00	Impeller
50.01	Impeller spacers

NOTES: For VN-VL 9, diffusers = impellers + 1
Ex. VN-VL 9/4 = 4 impellers and 5 diffusers



00000005 06/2017

PARTS IN CONTACT WITH LIQUID

Ref. No.	Part description	Material	Standard	
			AISI / ASME	DIN / EN
10.00	Discharge head	Nickel plated brass	-	UNI-EN 12165-98
20.00	Outer case	Stainless steel	AISI 304	1.4301
20.01	Suction head	Stainless steel	AISI 304	1.4301
30.00	Motor housing	Stainless steel	AISI 304	1.4301
30.01 / 30.03	Motor housing cover	Stainless steel	AISI 304	1.4301
30.05	Kit O-ring	NBR	-	-
30.06	Mechanical seal	Ceramic alumina / Carbon graphite / NBR	-	-
		Silicon carbide / Carbon graphite / NBR	-	-
30.08	Pump shaft	Stainless steel	AISI 304	1.4301
30.09	Screws and washer	Stainless steel	AISI 304	1.4301
40.00 / 40.01 / 40.03	Diffusers	Stainless steel	AISI 304	1.4301
40.02	Floating neck ring assembly	PPS	-	-
50.00 / 50.01	Impellers with spacers	Stainless steel	AISI 304	1.4301