

Technische Daten

Pumpenname DWO 3006

Besteller	Datum 14-December-2018	Firma
Ansprechpartner	Art.-Nr.	Issued by
Telefon	Projekt	Telefon
E-Mail	Projektnummer	E-Mail

Requested data

1	Pumpenbezeichnung	CENTRIFUGAL PUMPS	Fluid	Wasser, rein
2	Pumpenanzahl / Reserve	1 / 0	Mediumtemperatur °C	20
3	Förderstrom m³/h	0	Kinematische Viskosität mm²/s	1
4	Förderhöhe m	0	Dampfdruck bar	0,022
5	Geodätische Höhe m	0	PH Wert	7
6	Vordruck bar	0,1	Dichte kg/m³	1000
7	Available system NPSH	0	Feststoffe Weight %	0
8	Umgebungstemperatur °C	20		

Pumpe

9	Pumpenname	DWO 3006	Frequenz Hz	60
10	Bauart	CENTRIFUGAL PUMPS	Installationsart	STANDARD
11	Hersteller	EPE	Laufgrad	Max. mm 118
12	Drehzahl 1/min	3400	Durchmesser	Designed mm 118
13	No. of Stage	1		Min. mm 118
14	Anschluß Saugseite	UNI ISO 228	Förderstrom	Operating m³/h
15	Anschluß Druckseite	UNI ISO 228		Max- m³/h 57
16	Max Working Pressure bar	8		Min- m³/h 6
17	Shut-off head bar	1,55	Förderhöhe	Operating m
18	Gesamtgewicht kg	See the table of "Dimensions".		- (Qmax.) m 4,9
19	Wellenleistung kW			- (Qmin.) m 15,6
20			Max. Shaft Power at max. impeller	kW
21	NPSH - Wert m		Efficiency	%

Materials

22	Fließe rad	AISI 304		
23	Spiralgehäuse	AISI 304		
24	Welle	AISI 304 (wet extension)		
25				
26				
27				

Motor

28	Hersteller	EPE Standard	Isolierklasse	F
29	Typ	TEFC_DWO 3006_220_Three Phase	Phasen	3~
30	Ausführung	IE2 / 60 Hz / Polpaarzahl 1	Baugröße	
31	Leistung kW	2,2	Gewicht kg	0
32	Polzahl	2	El. Spannung V	220
33	Drehzahl 1/min	3450	El. Stromstärke A	7,5
34	Schutzart	IP 55		
35				

Remarks

Kennlinie

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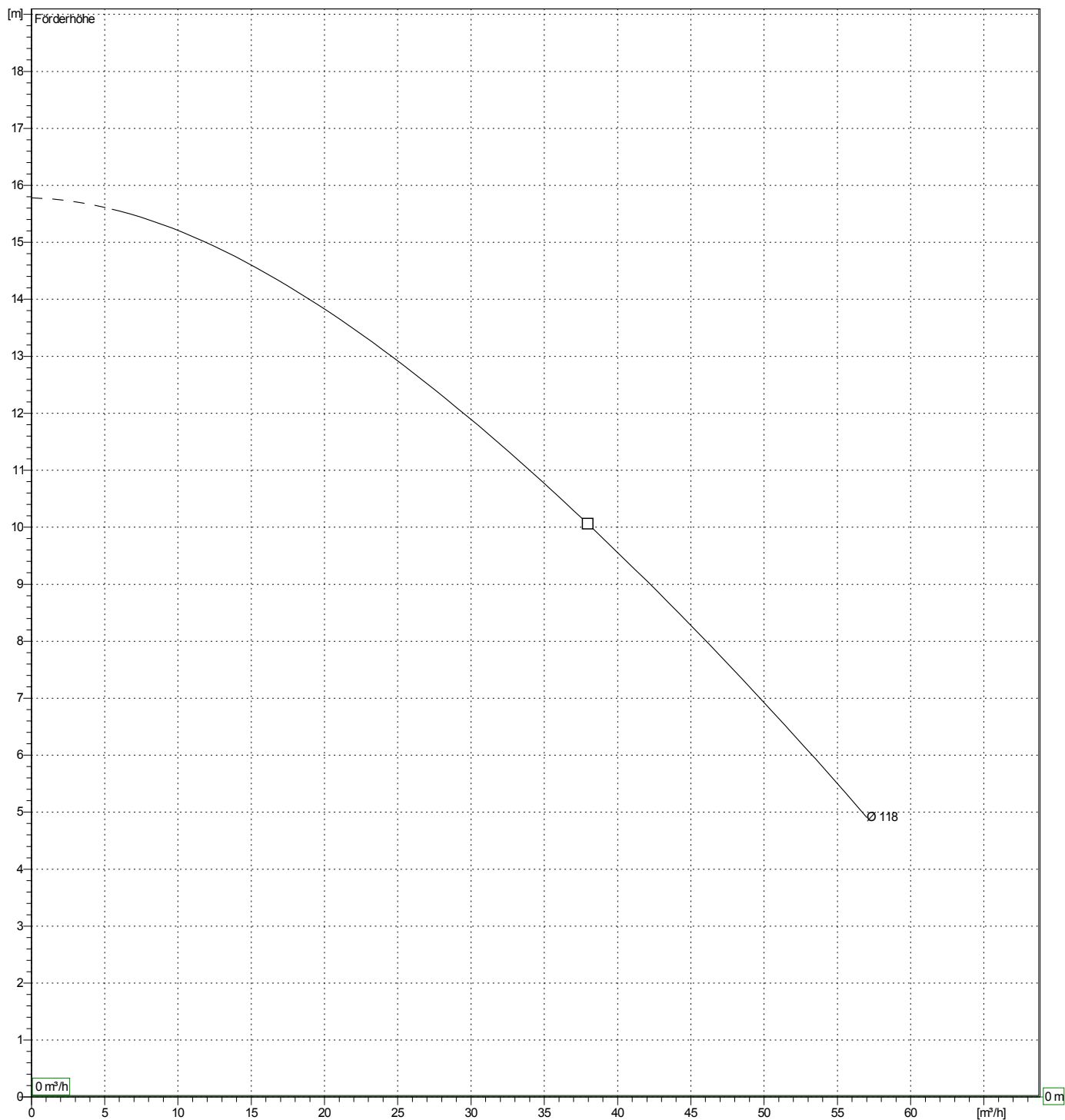
1	Förderstrom	m³/h	0
2	Förderhöhe	m	0
3	Geodätische Höhe	m	0

Pumpe

Operating Flow	m³/h	Frequenz	Hz	60
Operating Head	m	Polzahl		2
Laufgrad Durchmesser	mm	Drehzahl	1/min	
118				

Teststandard: ISO 9906:2012 - Grad3B

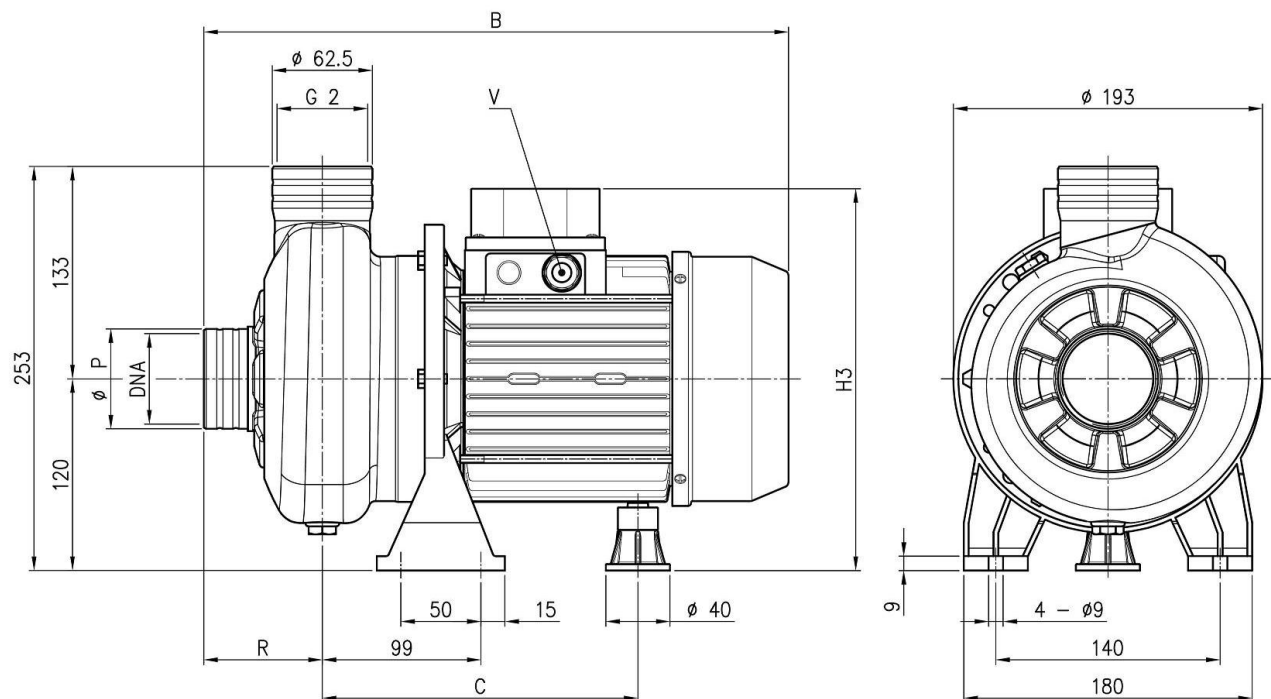
Wasser, rein [100%] ; 20°C; 998,3kg/m³; 1mm²/s



Abmessungen

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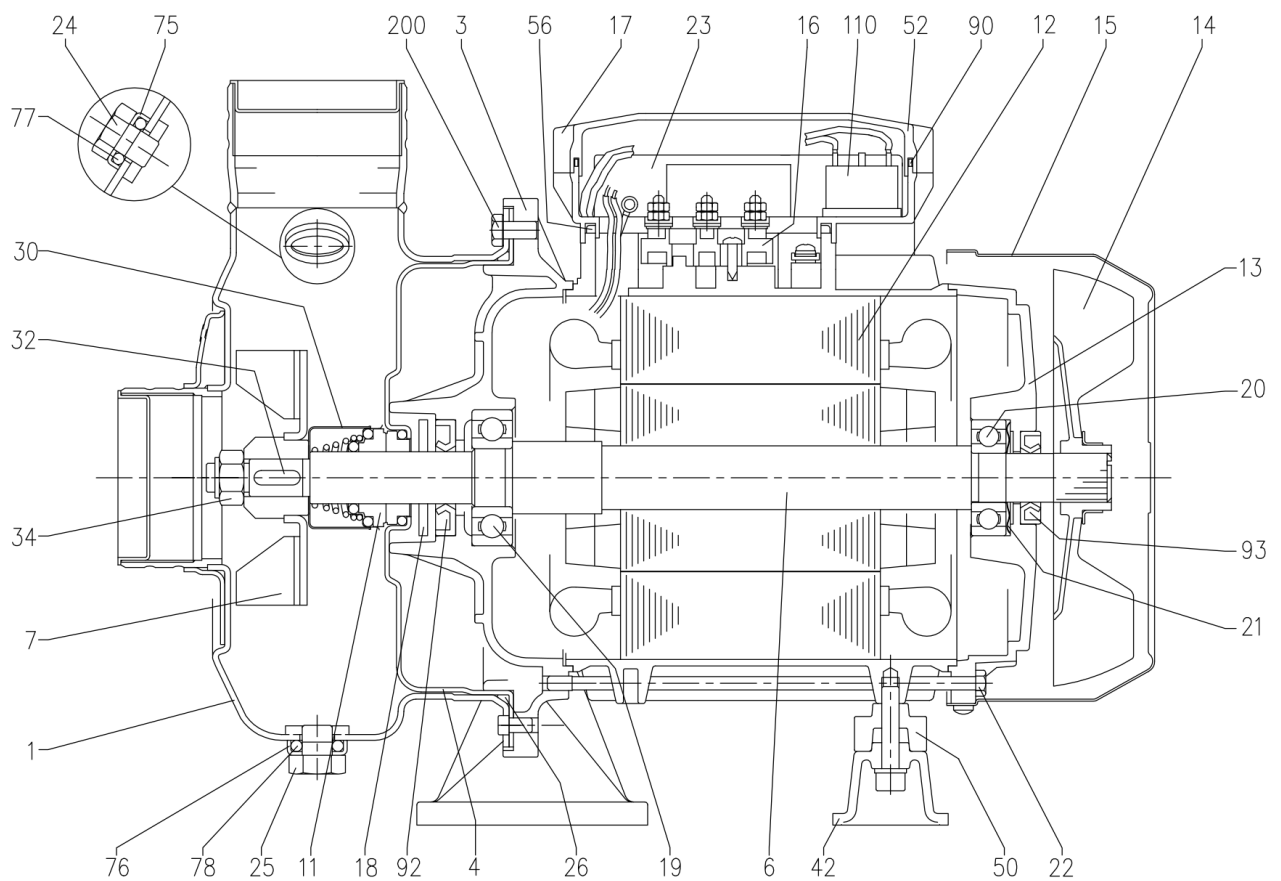


Abmessungen in mm								
1	B	416						
2	C	230+241						
3	DNA	G 2 1/2						
4	H3	244						
5	P	80						
6	R	78						
7	V	PG 13.5						
8	Weight P&M	19.2 kg						

(1/3) Konstruktion

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(2/3)

Konstruktion

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N°	PART NAME	MATERIAL	Q. TY
1	Casing	AISI 304	1
3	Motor bracket	Aluminium	1
4	Casing cover	AISI 304	1
6	Shaft with rotor	AISI 304 (Wet extention)	1
7	Impeller	AISI 304	1
11	Mechanical seal [3]	Carbon/Ceramic/NBR	1
12	Motor frame with stator	-	1
13	Motor cover	Aluminium	1
14	Fan	PP	1
15	Fan cover	Fe P04 Zincate	1
16	Terminal box	-	1
17	Terminal box cover [2]	Aluminium	1
18	Splash ring	NBR	1
19	Pump side ball bearing	-	1
20	Fan side ball bearing	-	1
21	Adjusting ring	Steel C70	1
22	Tie rod	Fe 420 Zincate	4
23	Capacitor [1]	-	1
24	Priming plug	AISI 303	1
25	Drain plug	AISI 303	1
26	O-ring [4]	NBR/FPM/EPDM	1
30	Mechanical seal protection	AISI 304	1
32	Key	AISI 316	1
34	Impeller nut	AISI 304	1
42	Motor support	Aluminium	1
50	Spacer	-	1
52	Terminal box [1]	PP	1
56	Box gasket	NBR	1
75	Washer	AISI 304	1
76	Washer	AISI 304	1
77	O-ring [4]	NBR/FPM/EPDM	1
78	O-ring [4]	NBR/FPM/EPDM	1
90	Terminal box cover gasket [1]	NBR	1
92	Lip seal	-	1
93	Lip seal	-	1
110	Protector [1]	-	1
200	Screw	Stainless steel A2 UNI7323	6

[1] Only for Single phase

[2] Only for Three phase

[3] See **CONSTRUCTION 3**

[4] FPM for H-HS-HW-HSW-Q1AVGG

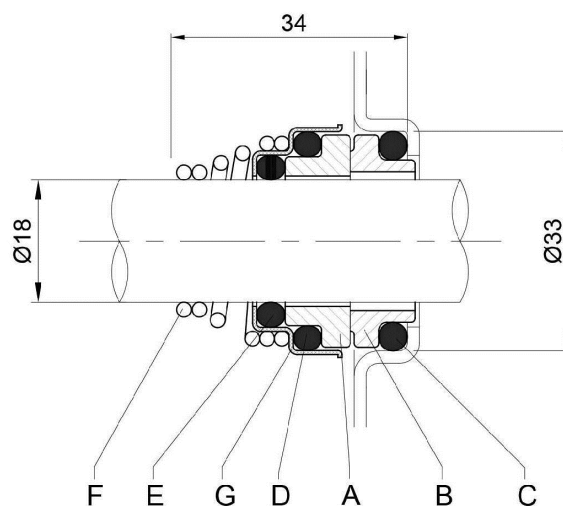
EPDM for AQ1EGG-VAEGG-Q1U3EGG-U3BEGG

NBR only for Standard version

(3/3) Konstruktion

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REF	PART NAME	MATERIAL Standard
A	Rotary seal ring	Ceramic
B	Stationary seal ring	Carbon graphite
C	O-ring	NBR
D	O-ring	NBR
E	O-ring	NBR
F	Self driving spring	AISI 316
G	Frame	AISI 304