

Technische Daten

Pumpenname DWO 150

Besteller	Datum 03-November-2016	Firma
Ansprechpartner	Art.-Nr. 1.1	Issued by
Telefon	Projekt	Telefon
E-Mail	Projektname EBARA Pump Selector-2071375	E-Mail

Requested data

1	Pumpenbezeichnung	CENTRIFUGAL PUMPS	Fluid	Wasser, rein
2	Pumpenanzahl / Reserve	1 / 0	Mediumtemperatur °F	68
3	Förderstrom US g.p.m.	0	Kinematische Viskosität ft ² /s	1,08E-5
4	Förderhöhe ft	0	Dampfdruck psi	0,319
5	Geodätische Höhe ft	0	PH Wert	7
6	Vordruck psi	1	Dichte lb/ft ³	62
7	Available system NPSH	0	Feststoffe Weight %	0
8	Umgebungstemperatur °F	68	Aufstellungshöhe über NN ft	3281

Pumpe

9	Pumpenname	DWO 150	Frequenz Hz	50
10	Bauart	CENTRIFUGAL PUMPS	Installationsart	STANDARD
11	Hersteller	EPE	Laufgrad	Max. inch 3
12	Drehzahl rpm	2800	Durchmesser	Designed inch 3
13	No. of Stage	1		Min. inch 3
14	Anschluß Saugseite		Förderstrom	Operating US g.p.m.
15	Anschluß Druckseite			Max- US g.p.m. 145
16	Max Working Pressure psi	116,03		Min- US g.p.m. 26,4
17	Shut-off head psi	13,91	Förderhöhe	Operating ft
18	Gesamtgewicht lb	See the table of "Dimensions".		- (Qmax.) ft 16,7
19	Wellenleistung hp			- (Qmin.) ft 31,2
20			Max. Shaft Power at max. impeller	hp 1,38
21	NPSH - Wert ft		Efficiency	%

Materials

22	Impeller	AISI 304		
23	Casing	AISI 304		
24	Shaft	AISI 304		
25				
26				
27				

Motor

28	Hersteller	EPE Standard	Isolierklasse	F
29	Typ	TEFC_DWO 150_400_Three Phase	Phasen	3~
30	Ausführung	IE3 / 50 Hz / Polpaarzahl 1	Baugröße	
31	Leistung hp	1,4751	Gewicht lb	0
32	Polzahl	2	El. Spannung V	400
33	Drehzahl rpm	2800	El. Stromstärke A	3,3
34	Schutzart	IP 55		
35				

Remarks

Kennlinie

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Requested data

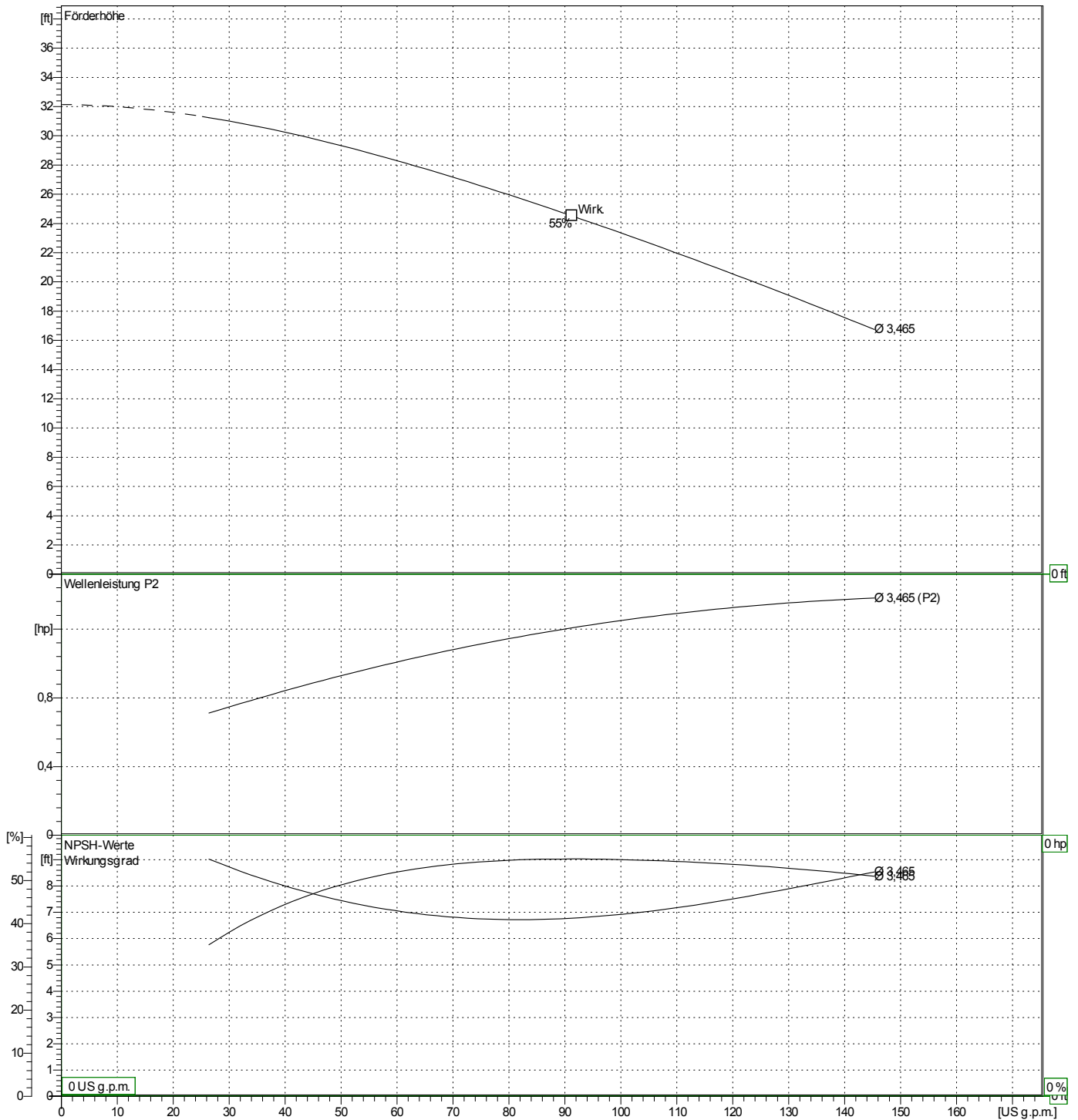
1	Förderstrom	US g.p.m.	0
2	Förderhöhe	ft	0
3	Geodätische Höhe	ft	0

Pumpe

Operating Flow	US g.p.m.	Laufgrad Durchmesser	Designed inch	3
Operating Head	ft	Frequenz	Hz	50
		Drehzahl	rpm	

Test standard: ISO 9906:2012 - Grade3B

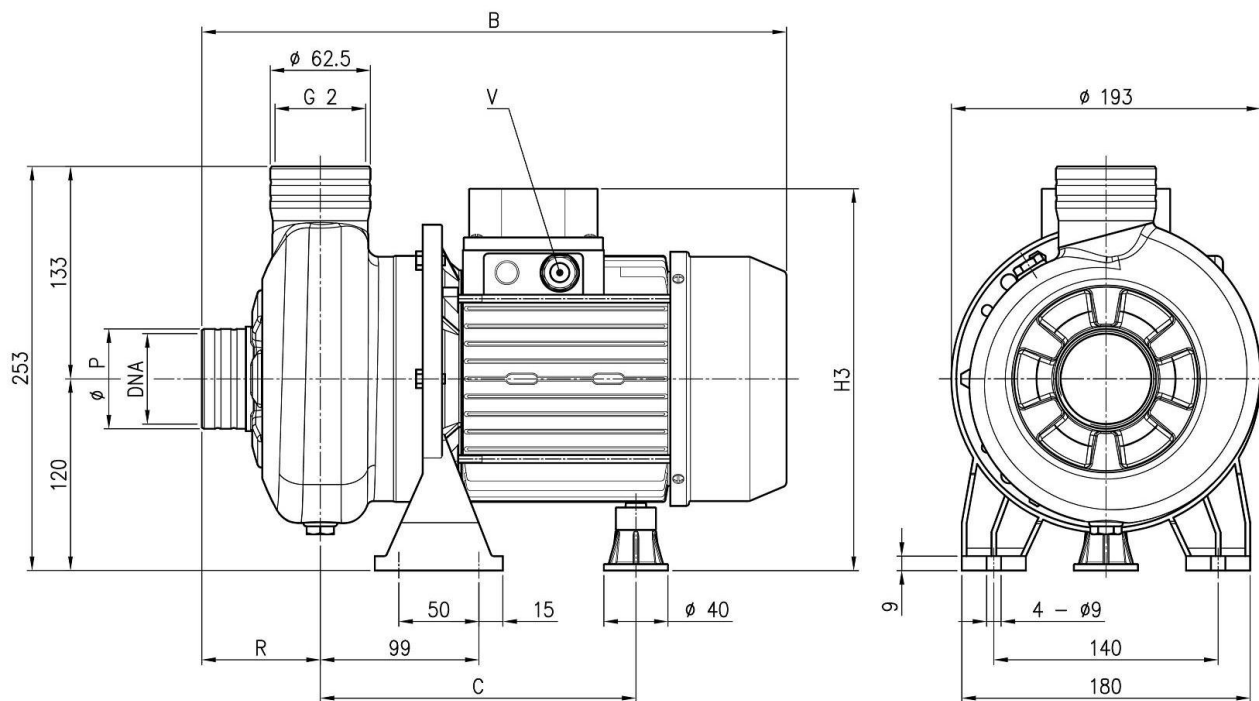
Wasser, rein [100%]; 68°F; 62,321690545307lb/ft³; 1,0764E-5ft²/s



Abmessungen

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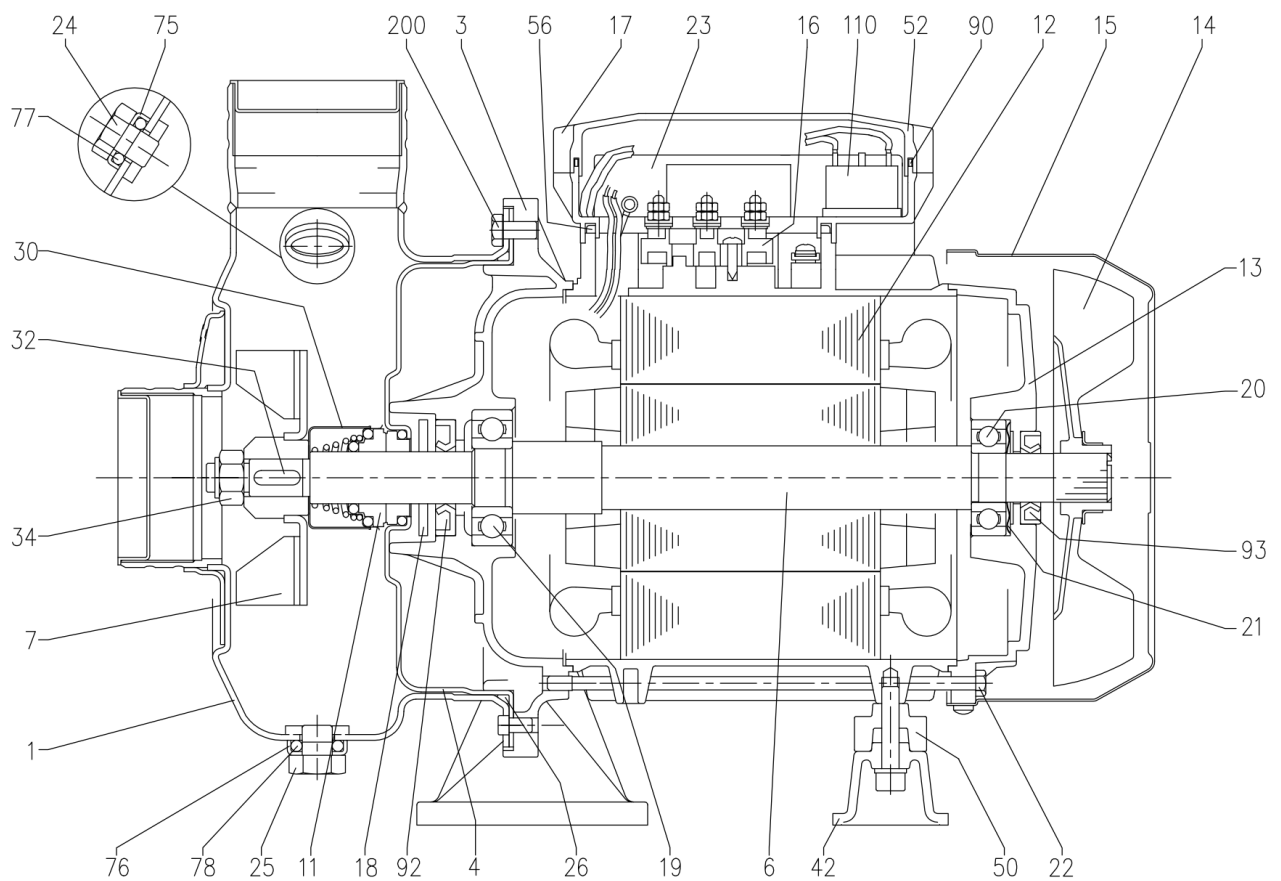


Abmessungen in inch								
1	B	15,354						
2	C	7,7559						
3	Dia P	2,4606						
4	DNA	G 2						
5	R	2,9134						
6	V	M20X1.5						
7	Weight P&M	15.4 kg						

(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	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	NBR	1
78	O-ring	NBR	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

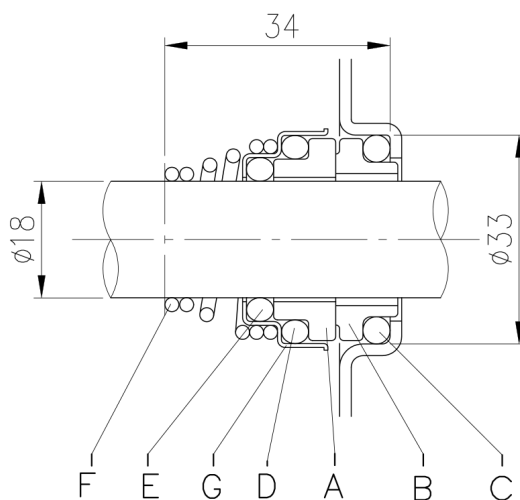
[3] See **CONSTRUCTION 3**

[4] FPM for H, HS, HW, HSW and Q1AVGG version
EPDM for AQ1EGG, VAEGG, Q1U3EGG, U3BEGG version
NBR only for Standard version

(3/3) Konstruktion

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REF	PART NAME	MATERIAL Standard version
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 316L
G	Frame	AISI 304