

Performance Curve

Pump Name

3DP 50-125/4.0

Customer	Date	09.06.2024	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID		E-mail

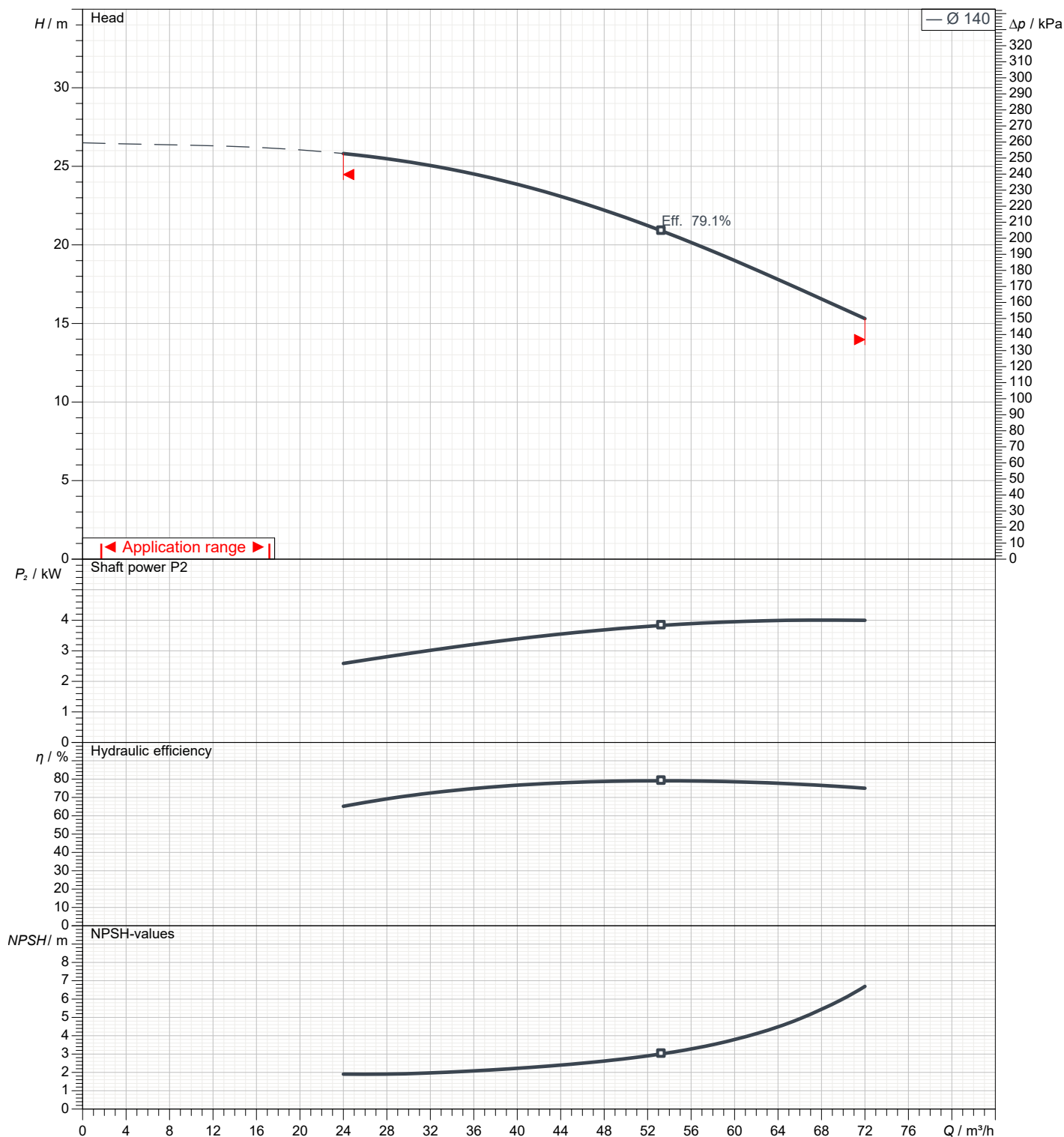
Requested data

1	Flow	m³/h		Operating flow	m³/h		Frequency	Hz	50
2	Head	m		Operating head	m		Number of poles		2
3	Geodetic head	m		Impeller diameter designed	mm	140	Speed	rpm	2900

Pump

Test standard: ISO 9906:2012 - Grade3B

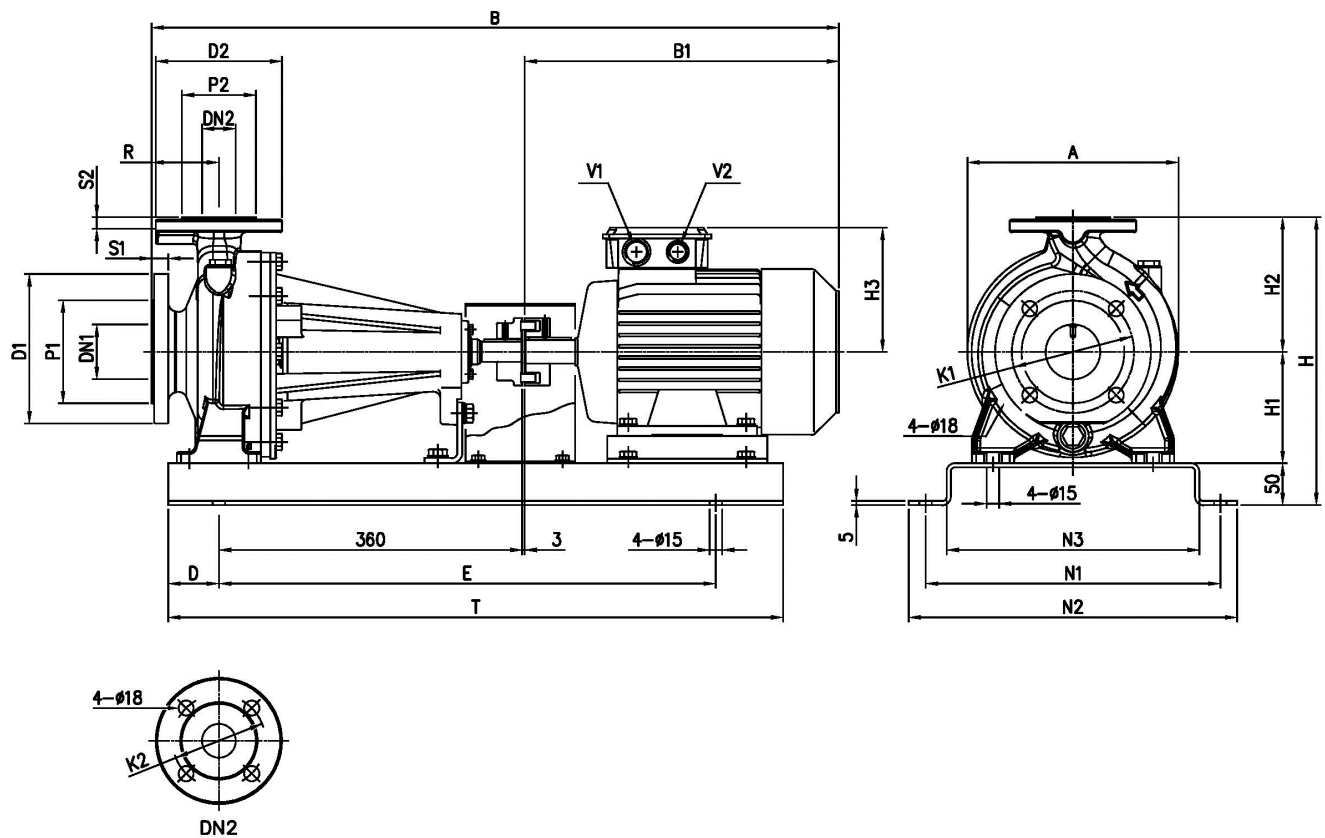
Water; 20°C; 998.3kg/m³; 1cSt



Dimensions

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Dimensions in mm							
1	A	254	H2	160			
2	B	851	H3	171			
3	B1	388	N1	350			
4	D	80	N2	390			
5	Dia D1	185	N3	300			
6	Dia D2	165	R	100			
7	Dia DN1	65	S1	20			
8	Dia DN2	50	S2	20			
9	Dia K1	145	T	750			
10	Dia K2	125	V1	M25x1,5			
11	Dia P1	122	V2	M20x1,5			
12	Dia P2	102	Weight P&M	91.7 kg			
13	E	590					
14	H	342					
15	H1	132					

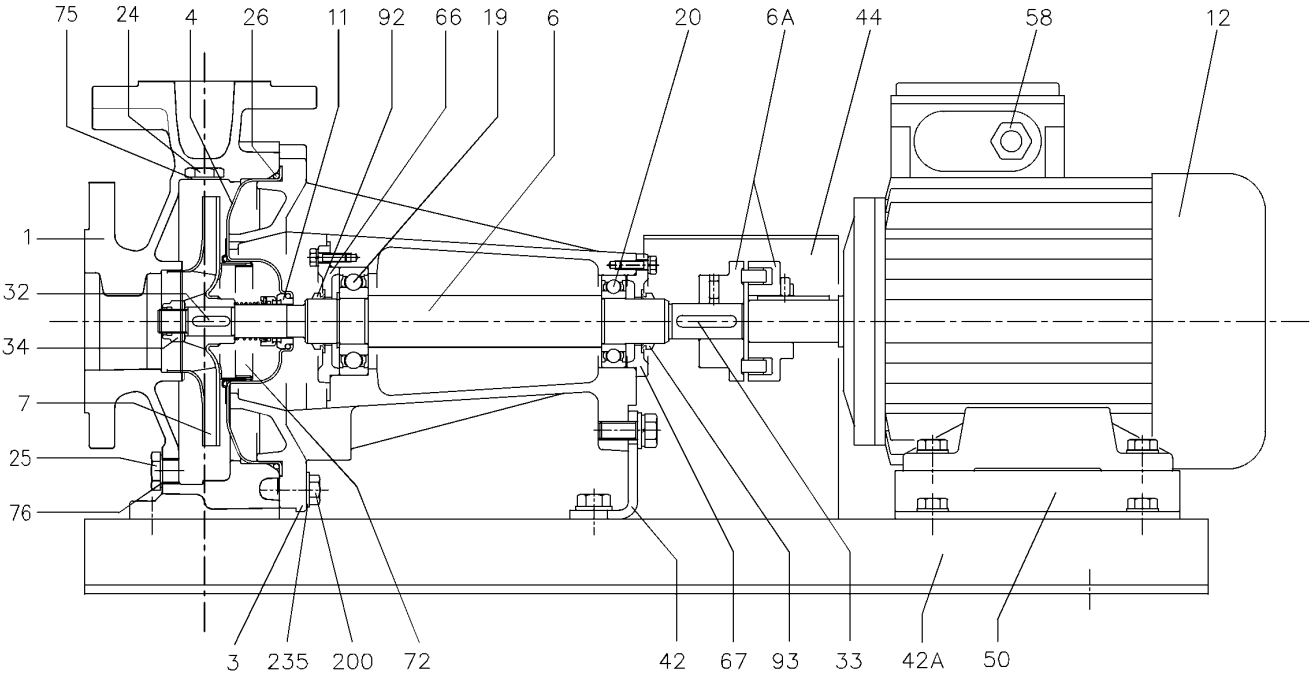
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Construction

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N°	PART NAME	MATERIAL	DIMENSIONS	STANDARD	Q.TY
1	Casing	Cast iron EN-GJL-200-EN 1561			1
3	Support	Cast iron EN-GJL-200-EN 1561			1
4	Casing cover	EN 1.4301 (AISI 304)			1
6	Shaft - Wet extension	EN 1.4301 (AISI 304)			1
6A	Flexible coupling	Cast iron EN-GJL-250-EN 1561			1
7	Impeller [1]	-			1
11	Mechanical seal [2]	-			1
12	Motor	-			1
19	Bearing	-			1
20	Bearing	-			1
24	Priming plug	Brass	G 3/8" L=8	DIN 906	1
25	Draing plug	Brass	G 3/8" L=8	DIN 906	1
26	O-ring [3]	NBR/FPM/EPDM	158.11x5.34	OR 6625	1
			183.52x5.34	OR 6720	
			227.96x5.34	OR 6895	
32	Key	EN 1.4401 (AISI 316)	6x6x25	UNI 6604	1
			8x7x30		
33	Key	C 40	8x7x40	UNI 6604	1
34	Impeller nut	EN 1.4301 (AISI 304)	M16x1.5	UNI 7474	1
			M18x1.5		
			M20x1.5		
42	Pump support	Fe 37 Galvanized		EBARA DRAWING	1
42A	Base	Fe 37 Galvanized			1
44	Protection	Fe 37 Galvanized			1
50	Foot	Aluminium / Galvanized steel			1
58	Cable gland	-			1
66	Impeller side bearing cover	Cast iron EN-GJL-200-EN 1561			1
67	Motor side bearing cover	Cast iron EN-GJL-200-EN 1561			1
72	Casing ring [4]	EN 1.4301 (AISI 304)			1
75	Washer	Aluminum	22x17x1.5	EBARA DRAWING	1
76	Washer	Aluminum	22x17x1.5	EBARA DRAWING	1
92	"V" ring	-	VS - 0030		1
93	"V" ring	-	VS - 0030		1
200	Screw	Gv. Steel 8.8 strenght class ISO 898-1	M 8x30	UNI 5739	8
					10
			M 10x35		12
235	Washer	Galvanized Steel	8.4x17	UNI 6592	8
					10
			10.5x21		12

[1] EN 1.4301 (AISI 304) for 32, 40, 50 series;
EN 1.4401 (AISI 316) for 65 series

[2] See **CONSTRUCTION 3**

[3] See **CONSTRUCTION 3**, "O-ring" column

[4] Only for: 32-200, 40-200, 50-160, 50-200

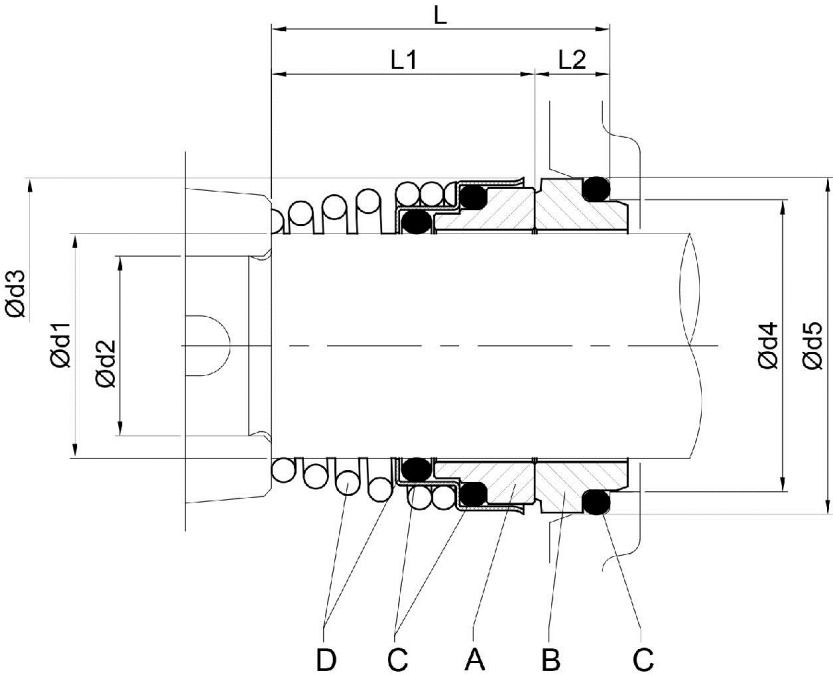
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Pump type	Dimensions [mm]									Material			
	d1	d2	d3	d4	d5	L	L1	L2		A Rotary seal ring	Standard B Stationary seal ring	C O-ring	D Frame + Spring
32-125/160/200 40-125/160/200 50-125/160/200 65-125 65-160/7.5-9.2-11	22	19	38	31	37	37.5	27.5	10		Ceramic	Carbon	NBR	EN 1.4301 (AISI 304)