

3DS 40-200/7.5

Performance Curve

Pump Name

3DS 40-200/7.5

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

Requested data

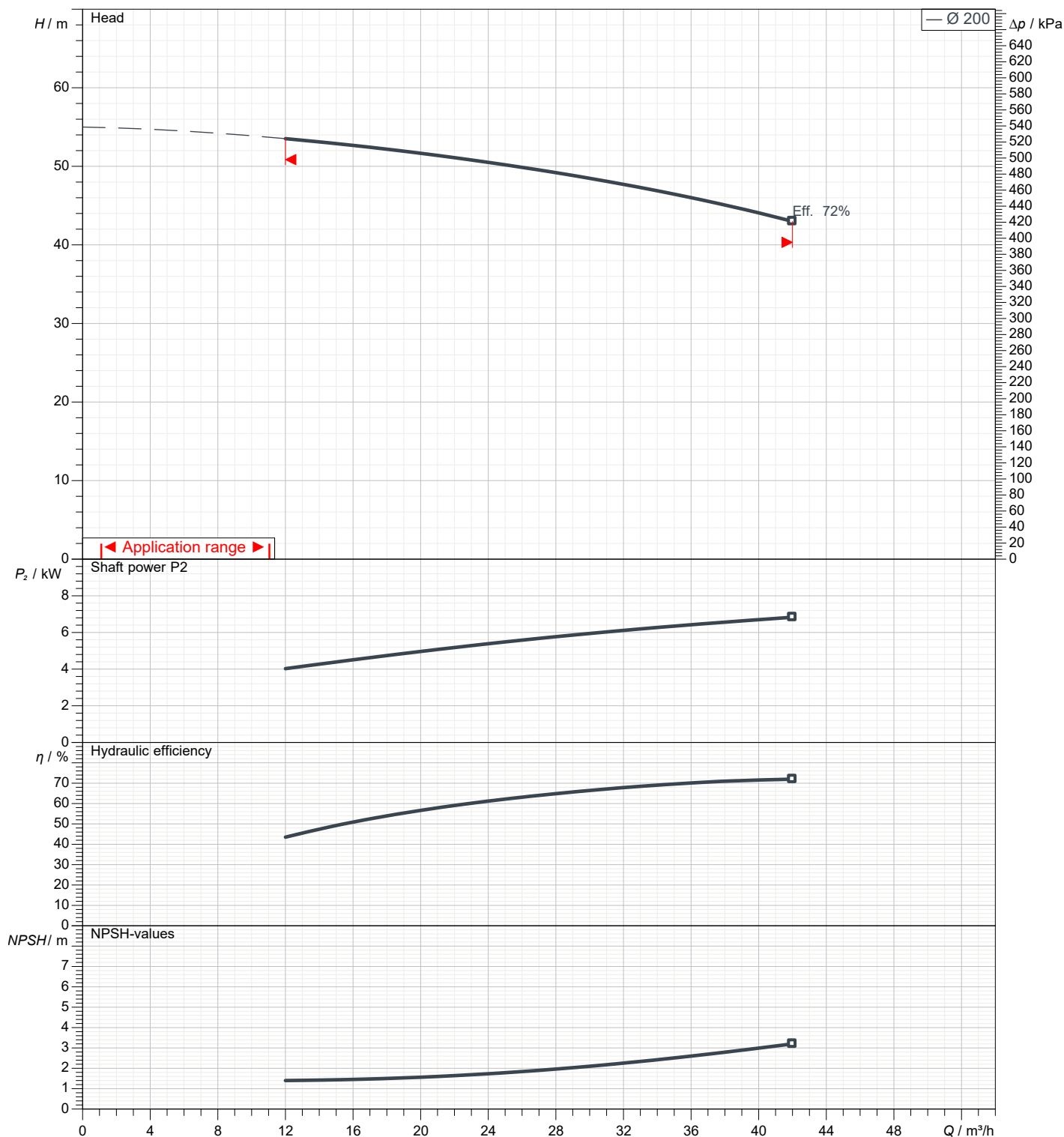
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
Impeller diameter designed	mm	200	Speed	rpm	2900

Test standard: ISO 9906:2012 - Grade3B

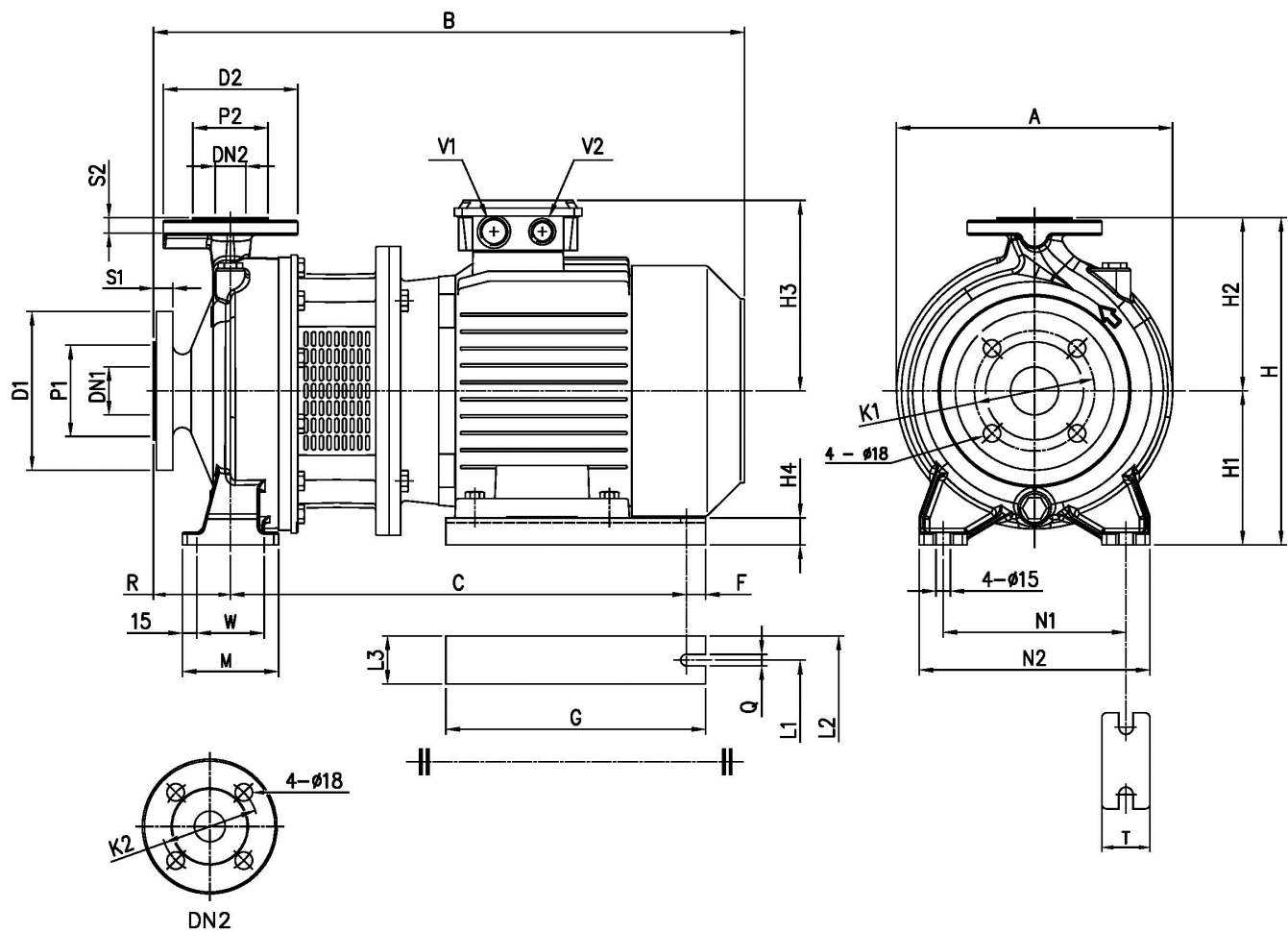
Water; 20°C; 998.3kg/m³; 1cSt



Dimensions

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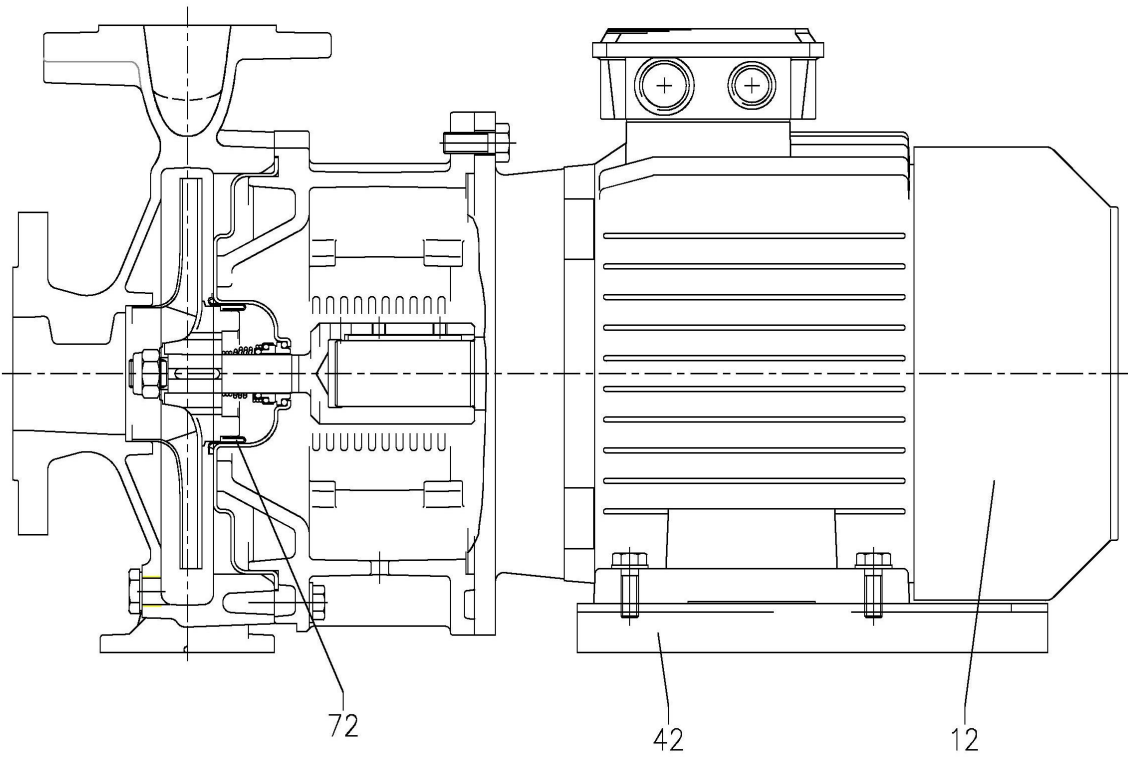
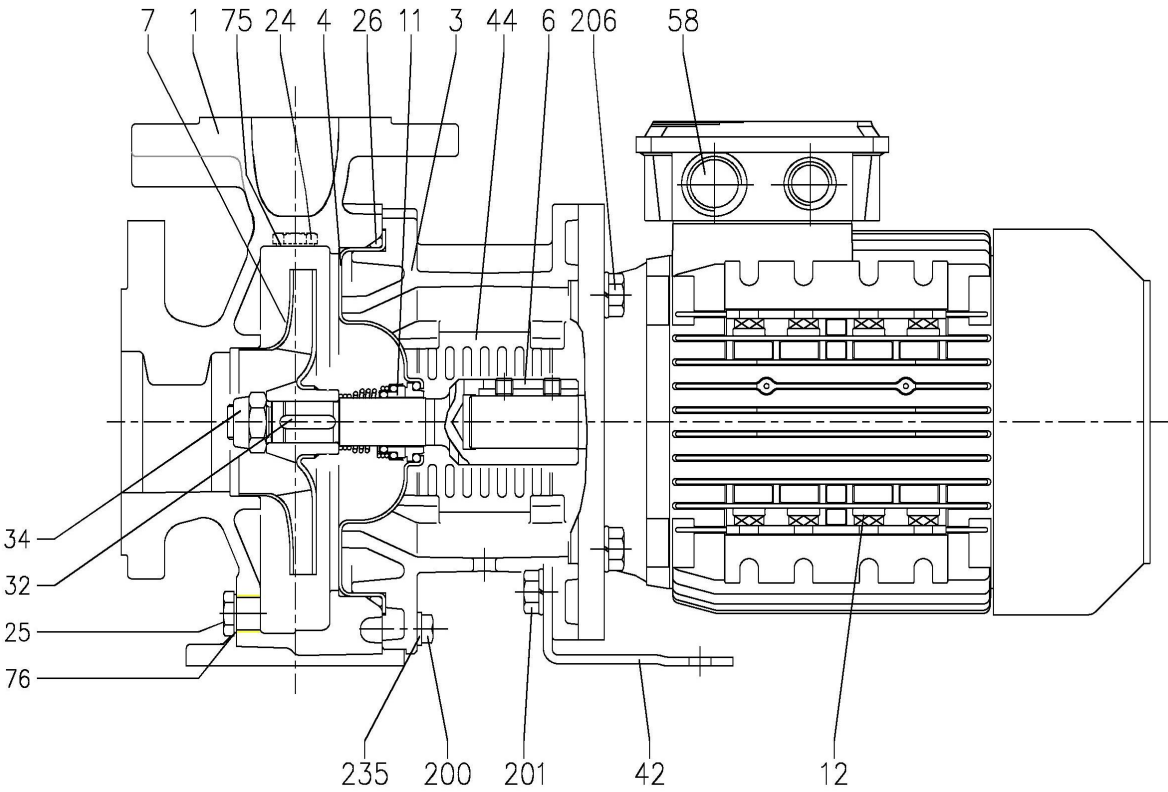


Dimensions in mm							
1	A	296	H2	180	V2	M32x1,5	
2	B	650	H3	198	W	70	
3	C	479	H4	28	Weight P&M	88.8 kg	
4	Dia D1	185	L1	216			
5	Dia D2	150	L2	266			
6	Dia DN1	65	L3	50			
7	Dia DN2	40	M	100			
8	Dia K1	145	N1	212			
9	Dia K2	110	N2	265			
10	Dia P1	122	Q	12			
11	Dia P2	88	R	100			
12	F	15	S1	20			
13	G	270	S2	18			
14	H	340	T	50			
15	H1	160	V1	M32x1,5			

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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	Motor bracket	Cast iron EN-GJL-200-EN 1561			1
3A	Adapter ring	Cast iron EN-GJL-200-EN 1561			1
4	Casing cover	EN 1.4301 (AISI 304)			1
6	Coupling - Wet extensions	EN 1.4301 (AISI 304)			1
7	Impeller	EN 1.4301 (AISI 304)			1
11	Mechanical seal [1]	-			1
12	Motor	-			1
24	Priming plug	Brass	G 3/8" L=8		1
25	Draing plug	Brass	G 3/8" L=8		1
26	O-ring 32-125/40-125 32-160, 40-160, 50-125 32-200, 40-200, 50-160, 50-200 [2]	NBR/FPM/EPDM	158.11x5.34 183.52x5.34 227.96x5.34	OR 6625 OR 6720 OR 6895	1
32	Key Up to 11 kW 50-200/15 15 kW and above	EN 1.4401 (AISI 316)	6x6x25 8x7x30	UNI 6604	1
34	Impeller nut Up to 11kW 50-200/15 15 kW and above	EN 1.4301 (AISI 304)	M16x1.5 M18x1.5 M20x1.5	UNI 7474	1
42	Foot	Galvanized Steel			1
44	Protection	EN 1.4301 (AISI 304)		EBARA DRAWING	1
58	Cable gland	-			
72	Casing ring [3]	EN 1.4301 (AISI 304)			1
75	Washer	Aluminum	22x17x1.5	EBARA DRAWING	1
76	Washer	Aluminum			1
200	Screw 32-125, 40-125 32-160, 40-160, 50-125 32-200, 40-200, 50-160, 50-200	Gv. Steel 8.8 strenght class ISO 898-1	M8x30 M10x35	UNI 5739	8 10 12
201	Screw [4]	Gv. Steel 8.8 strenght class ISO 898-1	M10x16	UNI 5739	2
206	Screw for bracket	Gv. Steel 8.8 strenght class ISO 898-1	M10x40	UNI 5739	4
206-2	Screw adapter ring	Gv. Steel 8.8 strenght class ISO 898-1	M12x20	UNI 5931	4
235	Washer 32-125, 40-125 32-160, 40-160, 50-125 32-200, 40-200, 50-160, 50-200	Galvanized Steel	8.4x17 10.5x21	UNI 6592	8 10 12

[1] See **CONSTRUCTION 3**

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

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

[4] Only for version 32-125/1.1, 32-160/1.5, 32-160/2.2, 40-125/1.5, 40-125/2.2, 50-125/2.2

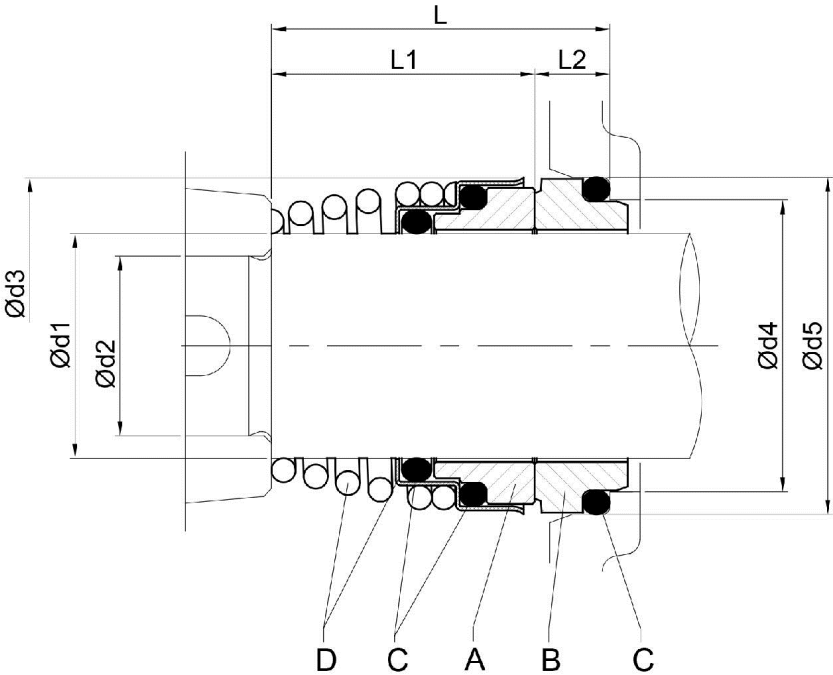
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Construction

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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)