

3D 65-200/22

Performance Curve

Pump Name

3D 65-200/22

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

Requested data

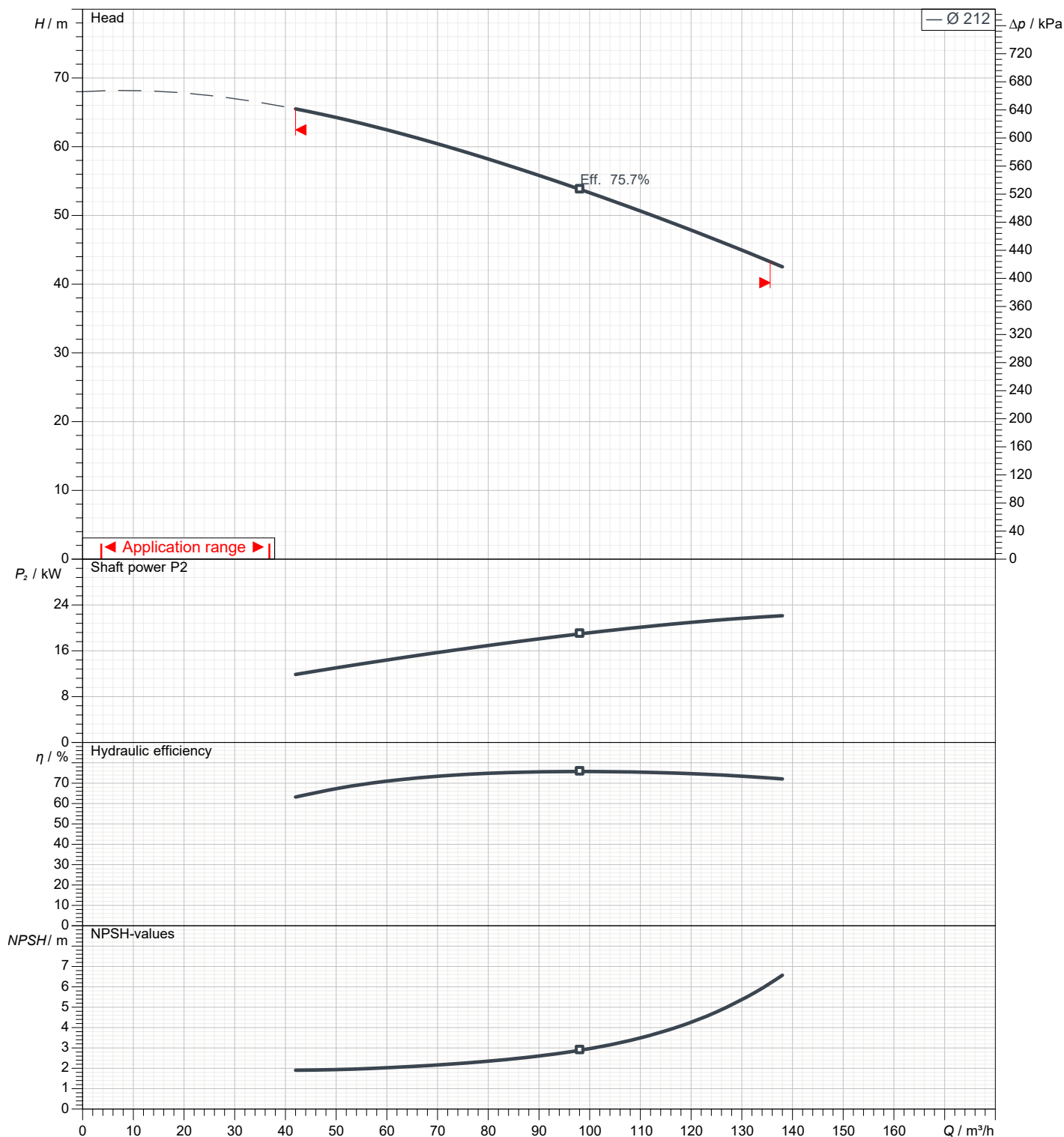
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
Impeller diameter designed	mm	212	Speed	rpm	2900

Test standard: ISO 9906:2012 - Grade3B

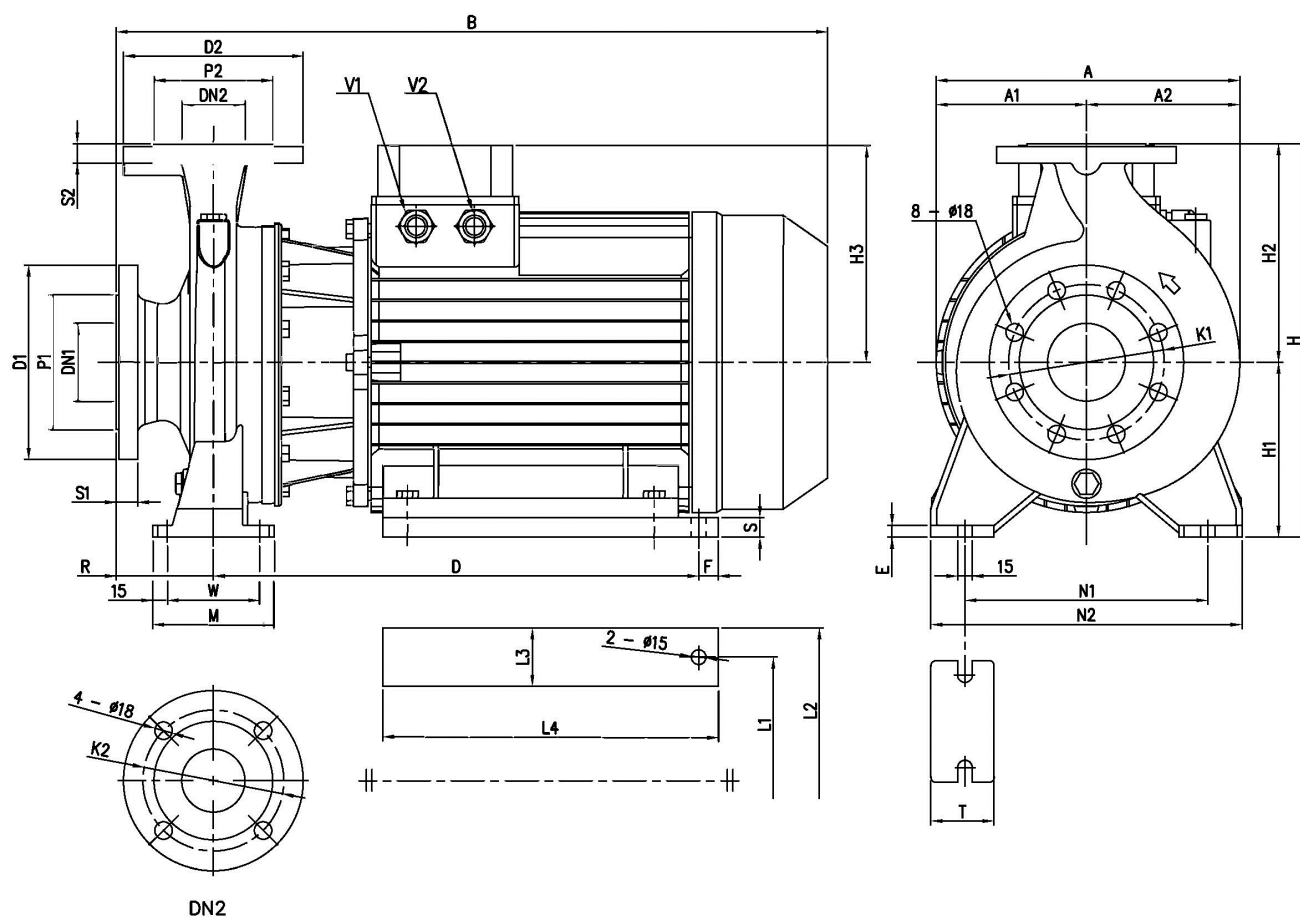
Water; 20°C; 998.3kg/m³; 1cSt



Dimensions

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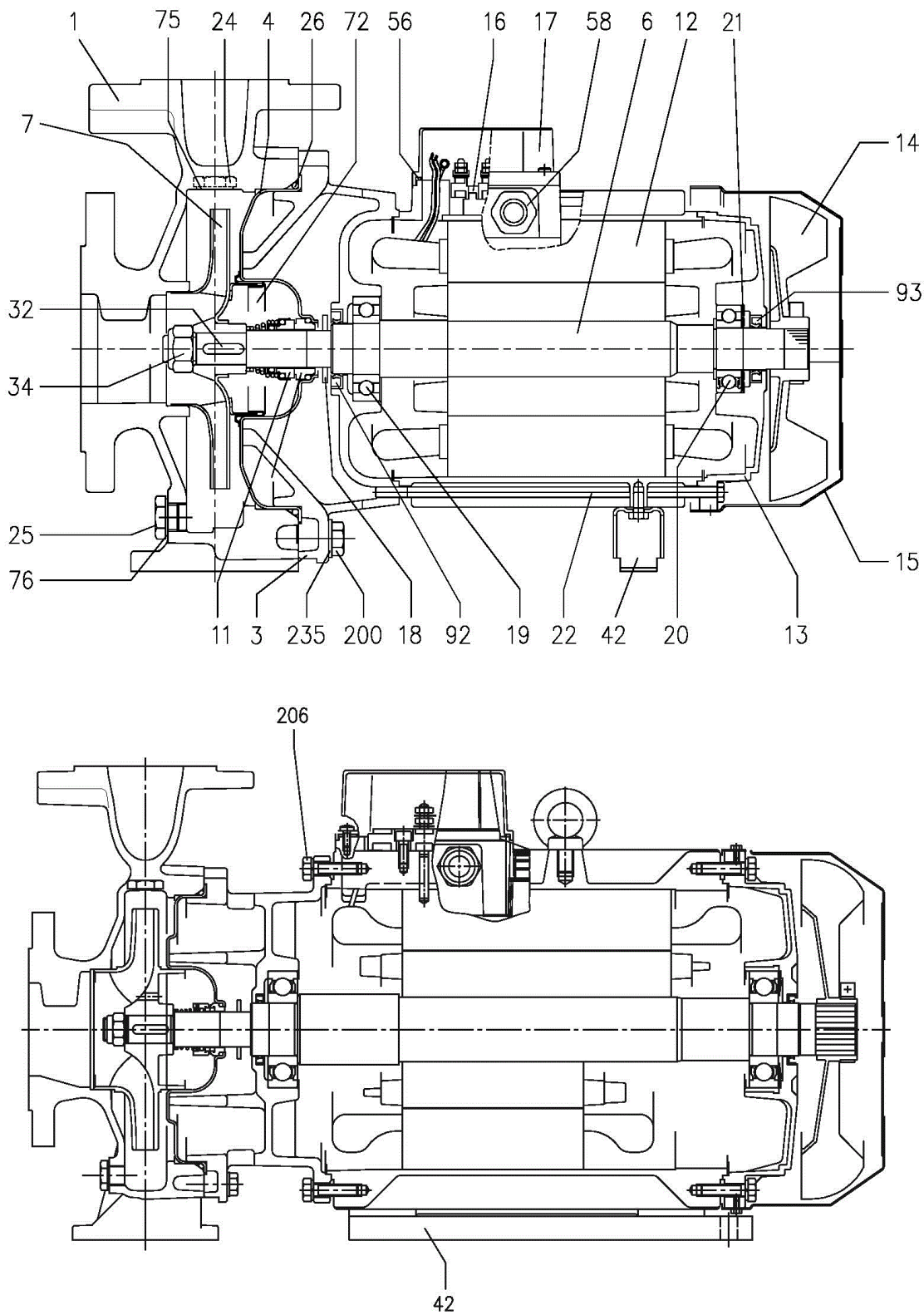


Dimensions in mm							
1	A	312	H	405	T	65	
2	A1	154.5	H1	180	V1	PG 21	
3	A2	157.5	H2	225	V2	PG 21	
4	B	732	H3	223	W	95	
5	D	499.5	L1	254	Weight P&M	158.1 kg	
6	Dia D1	200	L2	314			
7	Dia D2	185	L3	60			
8	Dia DN1	80	L4	345			
9	Dia DN2	65	M	125			
10	Dia K1	160	N1	250			
11	Dia K2	145	N2	320			
12	Dia P1	138	R	100			
13	Dia P2	122	S	20			
14	E	12	S1	22			
15	F	20	S2	20			

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Construction

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N°	PART NAME	MATERIAL	DIMENSIONS	STANDARD	Q.TY
1	Casing	Cast iron EN-GJL-250-EN 1561			1
3	Motor bracket [1]	-			1
4	Casing cover	EN 1.4301 (AISI 304)			1
6	Shaft with rotor - Wet extension	EN 1.4301 (AISI 304)			1
7	Impeller [2]	-			1
11	Mechanical seal [3]	-			1
12	Motor frame with stator	-			1
13	Motor cover	Aluminium			1
14	Fan	PA			1
15	Fan cover	Fe P04 Galvanized			1
16	Terminal	-			1
17	Terminal box cover	Aluminium (three phase version)			1
18	Splash ring 15 kW and above	NBR	50x29.5x3	EBARA DRAWING	1
19	Bearing	-			1
20	Bearing	-			1
21	Adjusting ring	Steel C70			1
22	Screw 15 kW and above	Gv. Steel 8.8 strenght class ISO 898-1	M10x40	UNI 5739	4
24	Priming plug	Brass	G 3/8" L=8		1
25	Draing plug	Brass	G 3/8" L=8		1
26	O-ring 50-200/15, 65-160/15, 65-200/15, 65-200/18.5, 65-200/22 [4]	NBR/FPM/EPDM	227.96x5.34	OR 6895	1
32	Key 50-200/15	EN 1.4401 (AISI 316)	A 6x6x25	UNI 6604	1
	15 kW and above		A 8x7x30		
34	Impeller nut 50-200/15	EN 1.4301 (AISI 304)	M18x1.5	UNI 7474	1
	15 kW and above		M20x1.5		
42	Foot	Aluminium / Galvanized steel		EBARA DRAWING	[5]
56	Box gasket	NBR			1
58	Cable gland	-			2
72	Casing ring	EN 1.4301 (AISI 304)			1
75	Washer	Aluminium	22x17x1.5	EBARA DRAWING	1
76	Washer	Aluminium			1
92	Lip seal From 15 kW to 22 kW	-	45x60x7	DIN 3760 without spring	1
93	Lip seal From 15 kW to 22 kW	-	45x60x7	DIN 3760 without spring	1
200	Screw 50-200/15, 65-160/15, 65-200/15, 65-200/18.5, 65-200/22	Gv. Steel 8.8 strenght class ISO 898-1	M 10x35	UNI 5739	12
206	Screw for bracket [6]	Gv. Steel 8.8 strenght class ISO 898-1	M 10x40	UNI 5739	4
235	Washer 50-200/15, 65-160/15, 65-200/15, 65-200/18.5, 65-200/22	Galvanized Steel	10.5x21	UNI 6592	12

[1] Cast iron EN-GJL-200-EN 1561 for models with 15, 18.5, 22 kW motor

Aluminum AL-EN-1706-AC-46000-D for all the others

[2] EN 1.4301 (AISI 304) for 50 series

EN 1.4401 (AISI 316) for 65 series

[3] See **CONSTRUCTION 3**

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

[5] 0 for 65-160/15 kW

2 for 65-200/15, 18.5, 22 kW

[6] Only for pumps with 15 kW motor and above

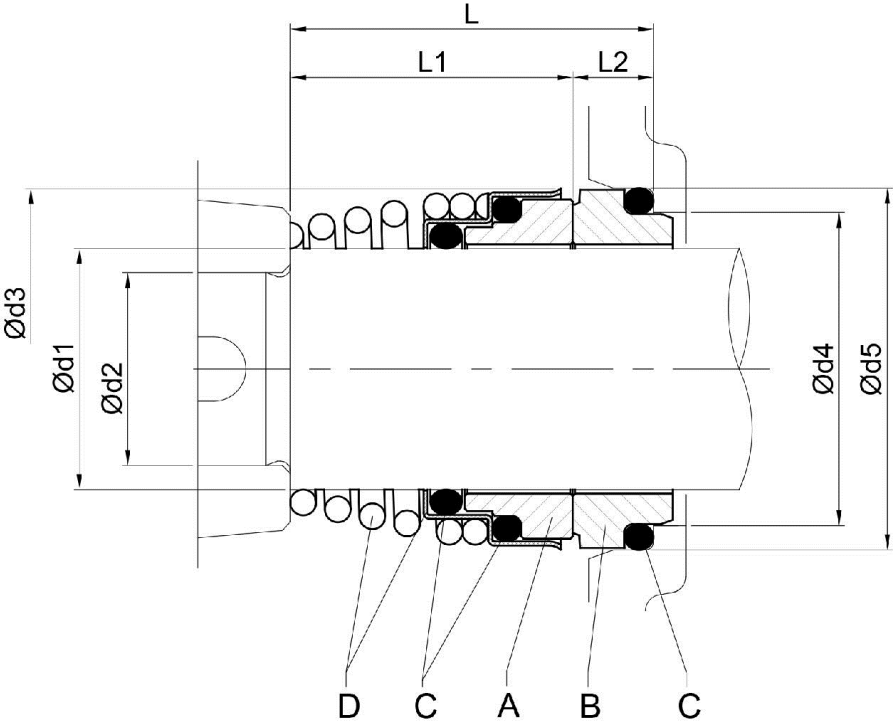
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Pump type	Dimensions [mm]								Material Standard			
	d1	d2	d3	d4	d5	L	L1	L2	A Rotary seal ring	B Stationary seal ring	C O-ring	D Frame + Spring
65-160/15 65-200	30	24	46	39	45	42.5	32.5	10	Ceramic	Carbon	NBR	EN 1.4401 (AISI 316)