

3LSF 65-200/15

Performance Curve

Pump Name

3LSF 65-200/15

Customer	Date	10.06.2024	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID		E-mail

Requested data

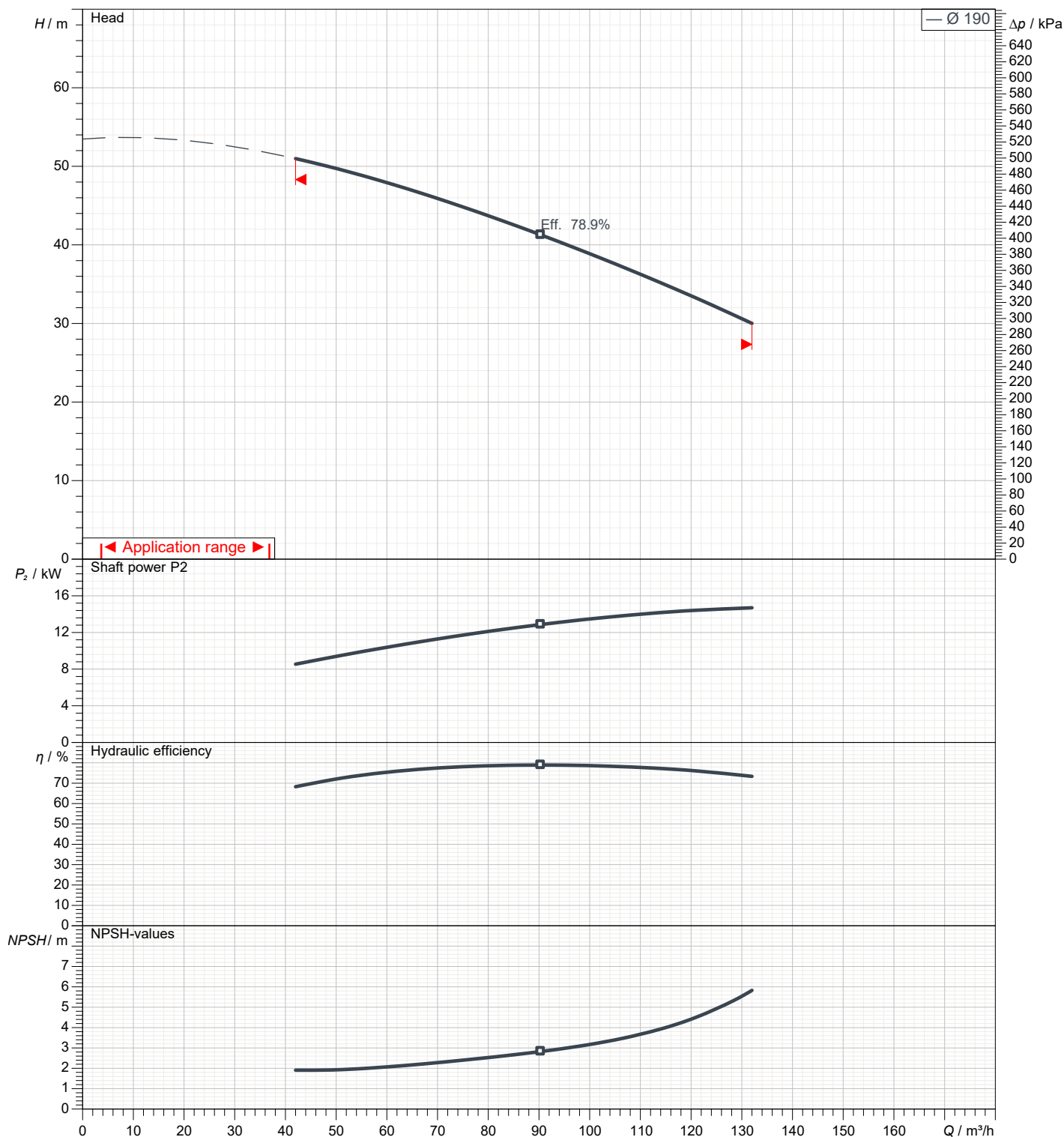
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
Impeller diameter designed	mm	190	Speed	rpm	2900

Test standard: ISO 9906:2012 - Grade3B

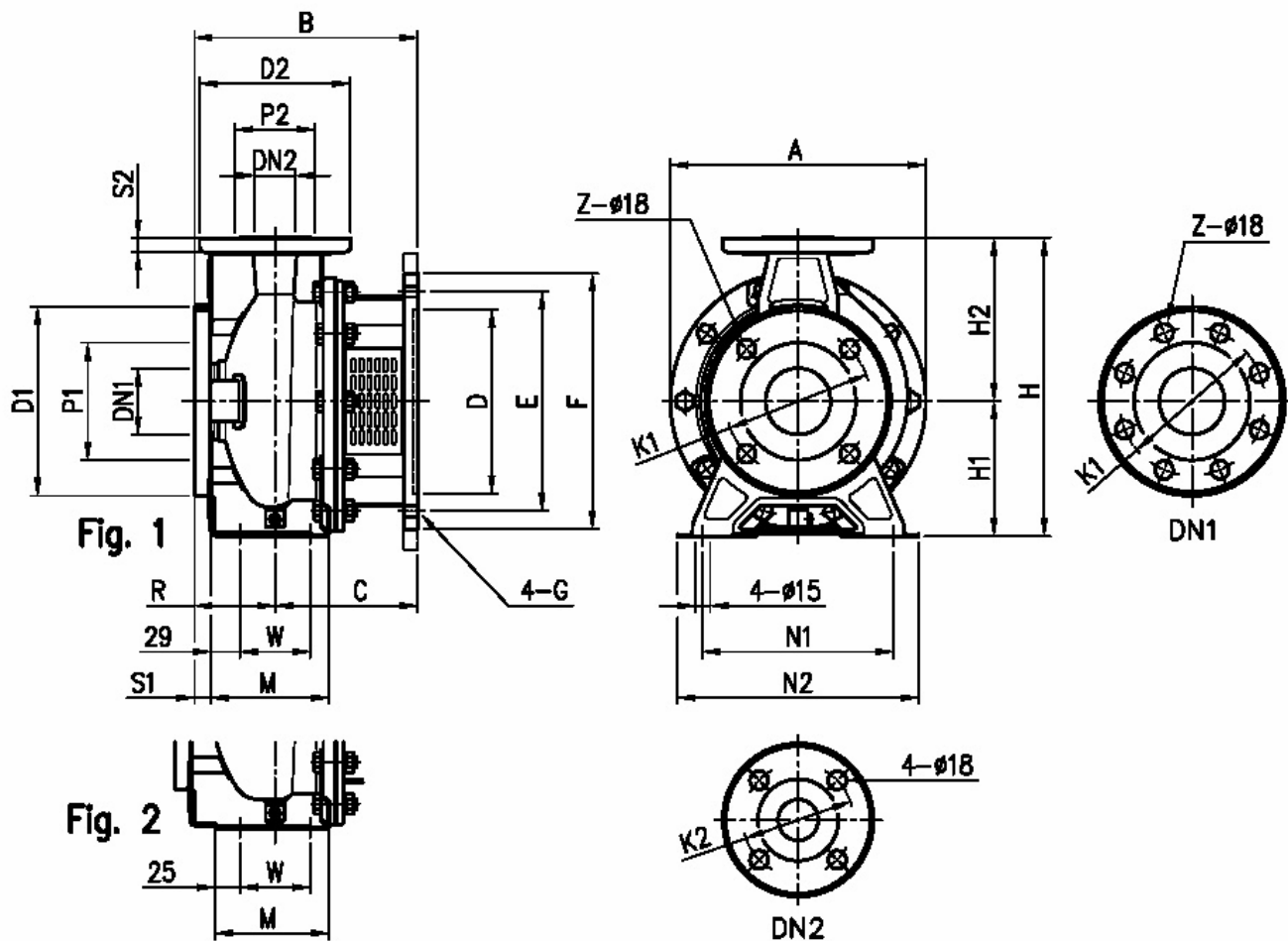
Water; 20°C; 998.3kg/m³; 1cSt



Dimensions

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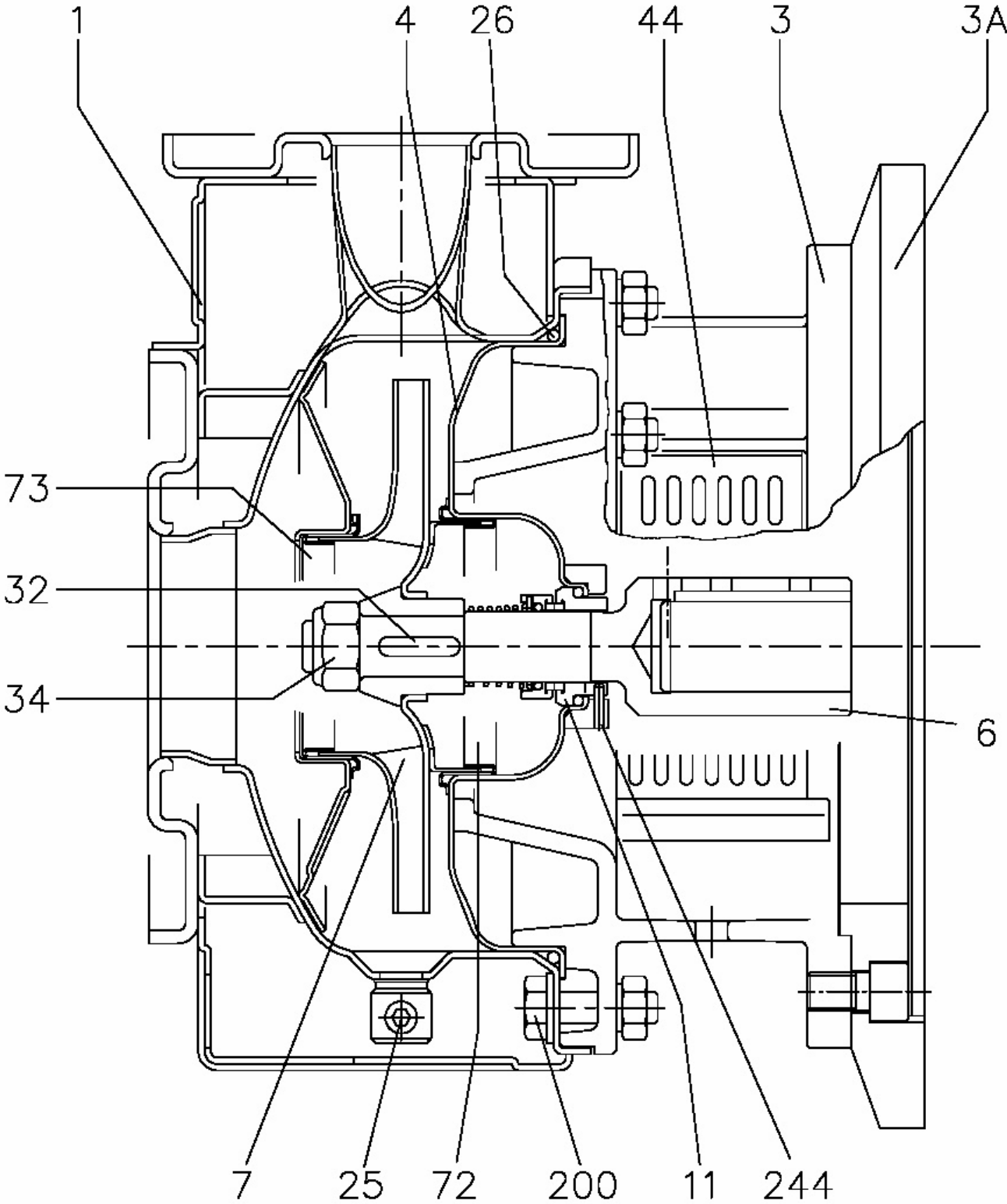


Dimensions in mm									
1	A	296	G	M16					
2	B	308	H	405					
3	C	208	H1	180					
4	D	250	H2	225					
5	Dia D1	200	M	140					
6	Dia D2	185	N1	250					
7	Dia DN1	80	N2	320					
8	Dia DN2	65	R	100					
9	Dia K1	160	S1	18					
10	Dia K2	145	S2	16					
11	Dia P1	134	W	95					
12	Dia P2	115	Weight PUMP	29,5 kg					
13	E	300	Z	8					
14	F	350	Z option	4					
15	Fig	2							

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Construction

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N°	PART NAME	MATERIAL		DIMENSIONS	STANDARD	Q.TY	
		3SF	3LSF				
1	Casing	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
3	Motor bracket	Cast iron EN-G JL-200-EN 1561				1	
3A	Adapter ring [1]	Cast iron EN-G JL-200-EN 1561				1	
4	Casing cover	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
6	Coupling - Part in contact with liquid	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
7	Impeller	32,40,50	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)		1	
		65-125/160/200	EN 1.4401 (AISI 316)				
11	Mechanical seal [5]	Carbon/Ceramic/NBR	SiC/SiC/FPM			1	
25	Draing plug	EN 1.4401 (AISI 316) / PTFE		R 1/8" L=8	DIN 906	1	
26	O ring	32-125, 40-125	NBR [6]	FPM	158.11x5.34	OR 6625	1
		32-160, 40-160 , 50-125, 65-125			183.52x5.34	OR 6720	
		32-200, 40-200, 50-160, 50-200, 65-160, 65-200			227.96x5.34	OR 6895	
32	Key	Up to 11 kW 15 kW and above	EN 1.4301 (AISI 304)	EN 1.4401 (AISI 316)	6x6x25	UNI 6604	1
					8 x7x 30		
34	Impeller nut	Up to 11kW	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)	M16x1.5	UNI 7474	1
		50-200/15			M18x1.5		
		15 kW and above			M20x1.5		
44	Protection	EN 1.4301 (AISI 304)			EBARA DRAWING	1	
72	Casing ring [2]	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
73	Casing ring (not for 65 version)	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
200	Screw	32-125, 40-125 40-160, 40-200, 50-125, 50-160, 50-200, 65-125, 65-160, 65-200	Stainless steel A2 70 class ISO 3506/ 1		M 8x30	UNI 5739	8
		M 10x35			UNI 5739	[3]	
244	Pin [4]	/	EN 1.4301 (AISI 304)	4x15		1	

[1] Only for 65-125/5.5 and 65-125/7.5

[2] For version 32-200, 40-200, 50-160, 50-200

[3] Quantity=10 for 32-160, 40-160, 50-125, 65-125

Quantity=12 for 32-200, 40-200, 50-160, 50-200, 65-160, 65-200

[4] Only for 65-160/15 and 65-200

[5] FPM for H-HS-HW-HSW version

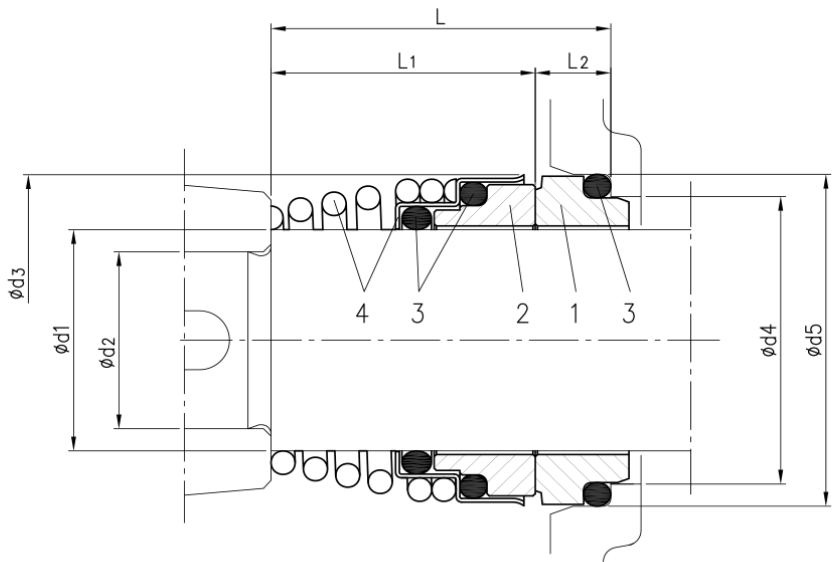
EPDM for E version, Q1AEGG, Q1U3EGG, U3CEGG, Q1Q1EGG

U3U3EGG not available for models 65-160/15 and 65-200

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Version	Pump type	Dimensions									Material			
		d1	d2	d3	d4	d5	L	L1	L2	1 Stationary seal ring	2 Rotary seal ring	3 Rubber	4 Frame + spring	
L Ø30	65-160/15 65-200/250 80-160/200	30	24	44	39	45	42.5	31	11.5	SiC	SiC	FPM	EN 1.4571 (AISI 316Ti)	
L Ø35	80-250	35	29	49	44	50	42.5	31	11.5	SiC	SiC	FPM	EN 1.4571 (AISI 316Ti)	