

3M 40-200/156 IE3

Performance Curve

Pump Name

3M 40-200/156 IE3

Ciente	Fecha 24/08/2026	Empresa
Contacto	Ref.	Issued by
Teléfono	Proyecto	Teléfono
Correo electrónico	ID proyecto	Correo electrónico

Datos solicitados

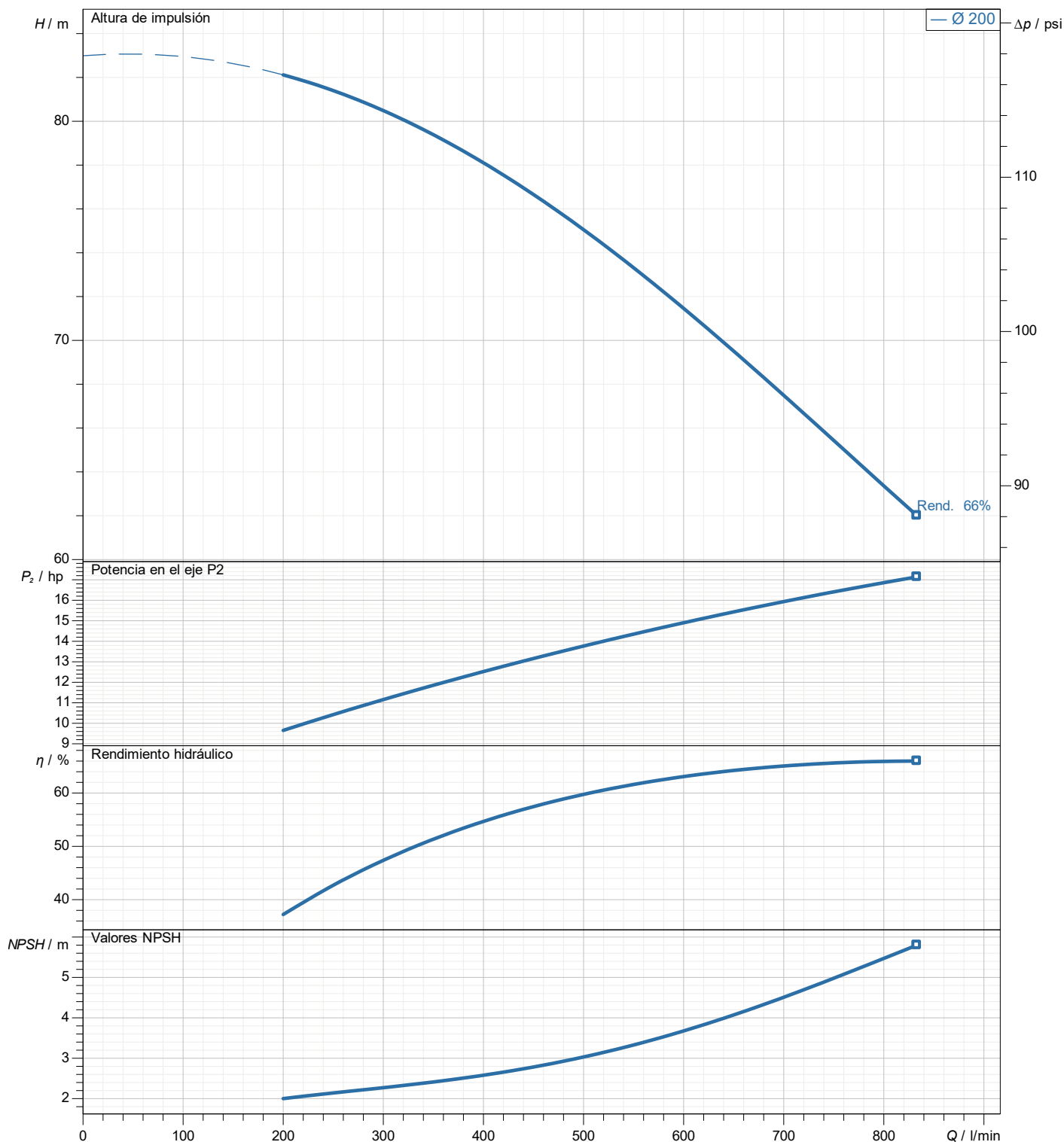
1	Caudal	l/min	
2	Altura de impulsión	m	
3	Altura geodésica	m	

Bomba

Operating flow	l/min		Frecuencia	Hz	60
Operating head	m		Nº de polos		2
Diámetro del impulsor diseñado	mm	200	Velocidad	1/min	3480

Test standard: ISO 9906:2012 - Grade3B

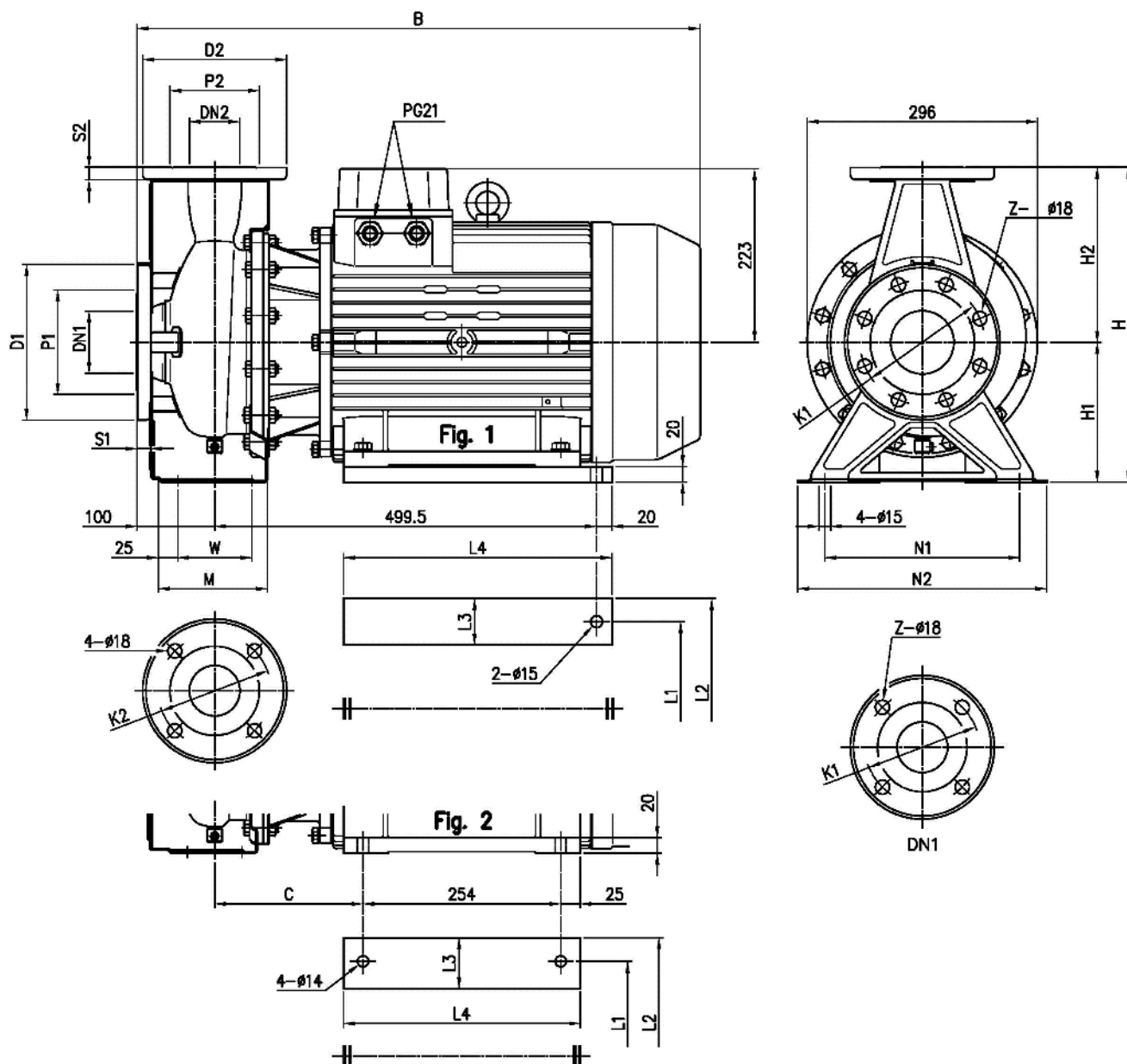
Agua; 20°C; 0.9983kg/dm³; 1cSt



Dimensiones

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Dimensiones		mm						
1	B	723	L2	318				
2	C	190.5	L3	64				
3	Dia D1	185	L4	304				
4	Dia D2	150	M	115				
5	Dia DN1	65	N1	212				
6	Dia DN2	40	N2	265				
7	Dia K1	145	S1	16				
8	Dia K2	110	S2	14				
9	Dia P1	115	W	70				
10	Dia P2	80	Weight P&M	106,1 kg				
11	Fig	2	Z	4				
12	H	340						
13	H1	160						
14	H2	180						
15	L1	254						

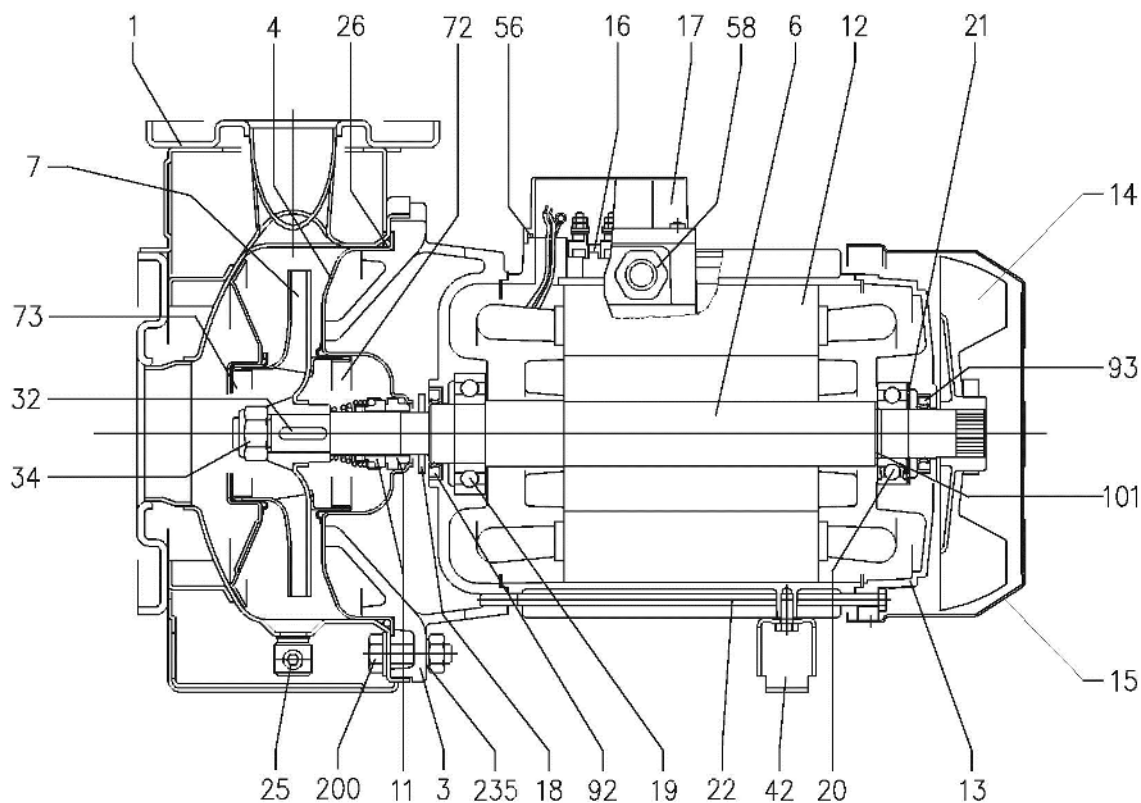
(1/3)

Construcción

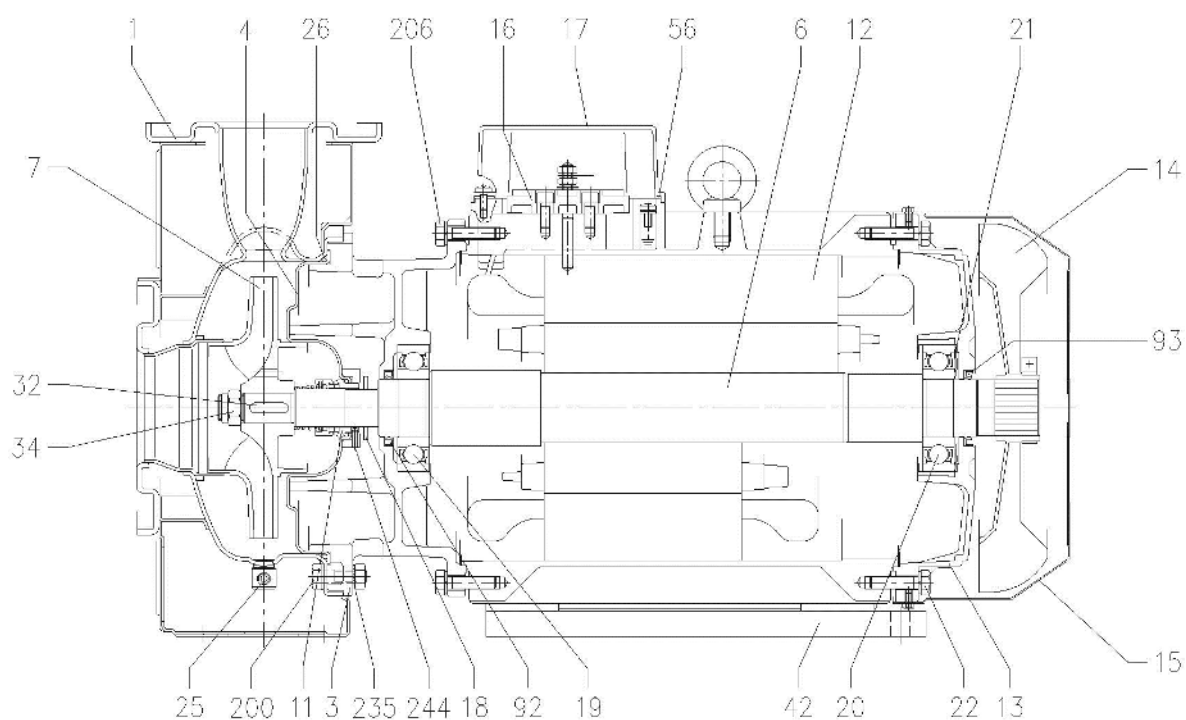
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UP TO 11 kW



15 kW AND ABOVE



(2/3)

Construcción

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N°	PART NAME		MATERIAL		DIMENSIONS	STANDARD	Q.TY	
			3M	3LM				
1	Casing		EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
3	Motor bracket	[3]	-	-			1	
4	Casing cover		EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
6	Shaft with rotor-Part in contact with liquid		EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
7	Impeller		EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
11	Mechanical seal	[5]	-	-			1	
12	Motor frame with stator		-	-			1	
13	Motor cover		Aluminium				1	
14	Fan		PA				1	
15	Fan cover		Fe P04 Zincate				1	
16	Terminal		-				1	
17	Terminal box cover		Aluminium (three phase version)				1	
18	Splash ring		NBR	-	40x21.5x3	EBARA DRAWING	[6]	
19	Bearing	[7]	-				1	
20	Bearing		-				1	
21	Adjusting ring		Steel C70				1	
22	Tie rod	For 2.2 - 3 kW For 4 - 5.5 - 7.5 kW For 9.2 - 11 - 15 kW	Fe 42 Zincate		M5 M6 M8	EBARA DRAWING	4	
25	Draing plug		EN 1.4401 (AISI 316) / PTFE		R 1/8" L=8	DIN 906	1	
26	O-ring	32-125, 40-125 40-160, 50-125 32-160, 32-200, 40-200, 50-160	[4]	NBR/FPM/EPDM	FPM/EPDM	158.11x5.34 183.52x5.34 227.96x5.34	OR 6625 OR 6720 OR 6895	1
32	Key		EN 1.4401 (AISI 316)		6x6x25	UNI 6604	1	
34	Impeller nut		A 270 EN ISO 35062		M16x1.5	UNI 7474	1	
42	Foot		Aluminium / Zincate steel			EBARA DRAWING	1	
56	Box gasket		NBR				1	
58	Fasting nut		-				1	
72	Casing ring	[1]	EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
73	Casing ring		EN 1.4301 (AISI 304)	EN 1.4404 (AISI 316L)			1	
92	Lip seal	For 2.2 - 3 kW For 4 - 5.5 - 7.5 kW For 9.2 - 11 - 15 kW	-	-	25x40x7 30x47X7 40x55x7	DIN 3760 without spring	1	
93	Lip seal	For 2.2 - 3 kW For 4 - 5.5 - 7.5 kW For 9.2 - 11 - 15 kW	-	-	25x40x7 30x47X7 40x55x7	DIN 3760 without spring	1	
101	Snap ring (only for 9.2 - 11 - 15 kW)		Carbon tool steels TC 80		Ø 40	UNI 7435	1	
200	Screw	32-125, 40-125 32-160, 32-200, 40-160, 40-200, 50-125, 50-160	Stainless steel A2 70 class ISO 3506/1		M 8x30 M 10x35	UNI 5739 UNI 5739	8 [2]	
235	Washer	32-125, 40-125 32-160, 32-200, 40-160, 40-200, 50-125, 50-160	EN 1.4301 (AISI 304)		M8.4x17 M10.5x21	UNI 6592	8 [2]	

[1] For versions 32-200/5.56, 32-200/7.56, 40-200/5.5, 40-200/9.26, 40-200/156, 50-160/9.26, 50-160/156

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

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

[3] Aluminium EN 1706 AC 46000 D for version, 40-200/9.26, 40-200/156, 50-160/9.26, 50-160/156

Cast iron EN-GJL-200-EN 1561 for other versions.

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

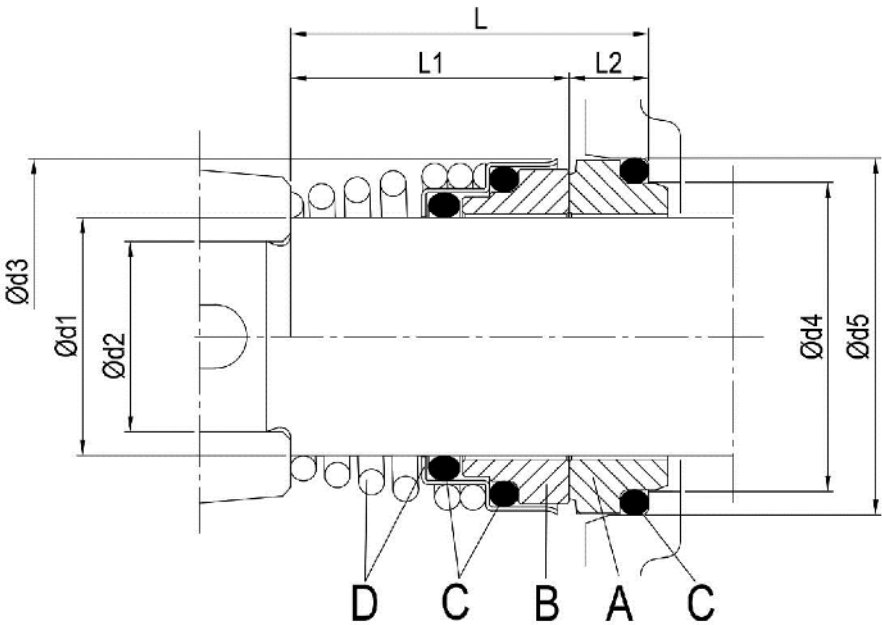
[5] See **MECHANICAL SEAL**, see CONSTRUCTION 3

[6] Quantity =1, not for L version

[7] See **BEARINGS**, CONSTRUCTION 3

[8] CF8M – EN 1.4408 (AISI316) material for 65-125 up to 65-200

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Pump type	Dimensions [mm]								Material Standard			
	d1	d2	d3	d4	d5	L	L1	L2	A Stationary seal ring	B Rotary seal ring	C O ring	D Frame + spring
32-125/160/200 40-125/160/200 50-125/160 65-125 65-160/75-9-25-116	22	19	38	31	37	37.5	27.5	10	Carbon	Ceramic	NBR	EN 1.4301 (AISI 304)