

CDXM 120/12

Performance Curve

Pump Name

CDXM 120/12

Customer	Date	2026-09-23	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID		E-mail

Requested data

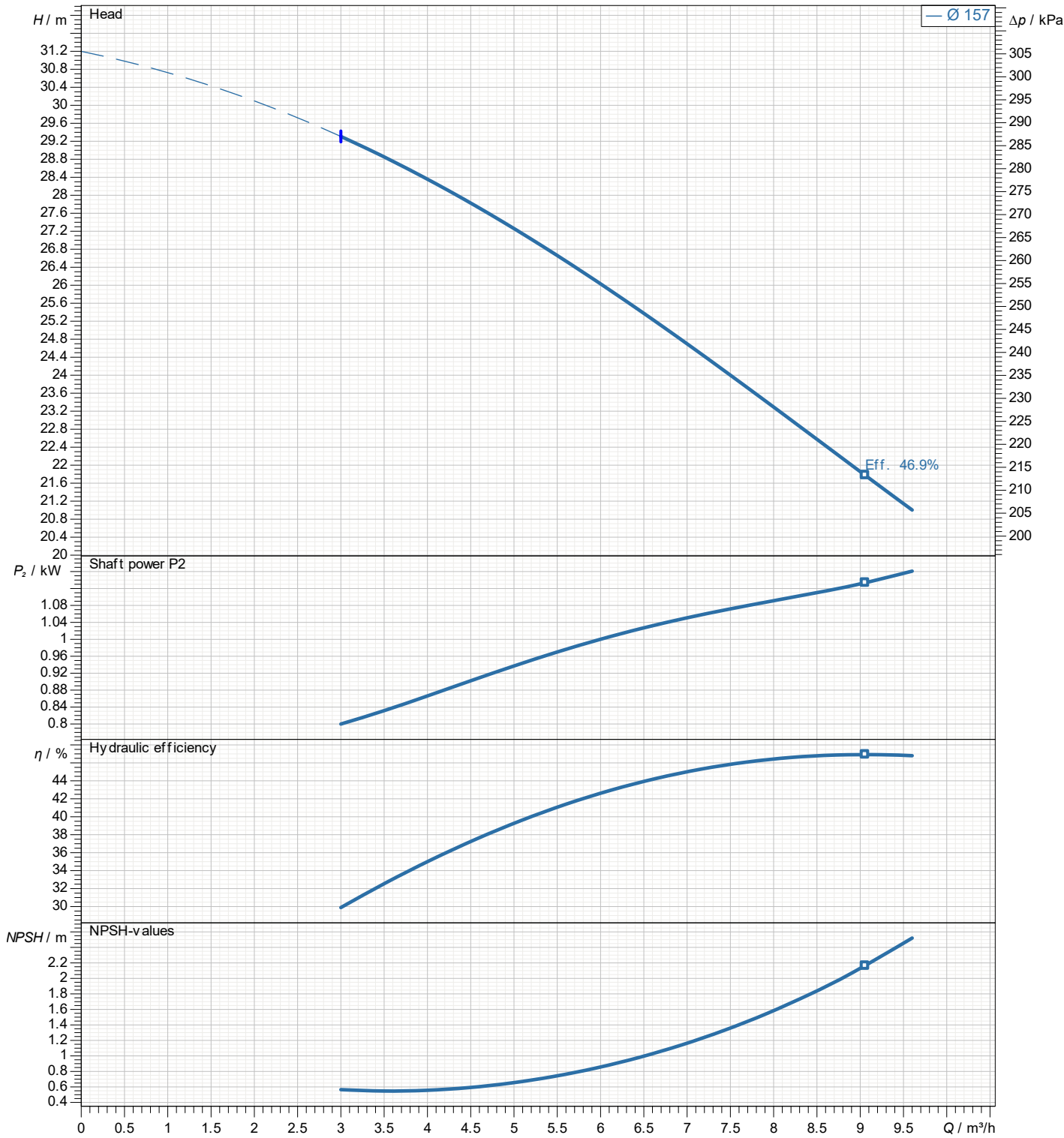
1	Flow	m³/h	
2	Head	m	
3	Geodetic head	m	

Pump

Operating flow	m³/h		Frequency	Hz	50
Operating head	m		Number of poles		2
Impeller diameter designed	mm	157	Speed	1/min	2800

Test standard: ISO 9906:2012 - Grade3B

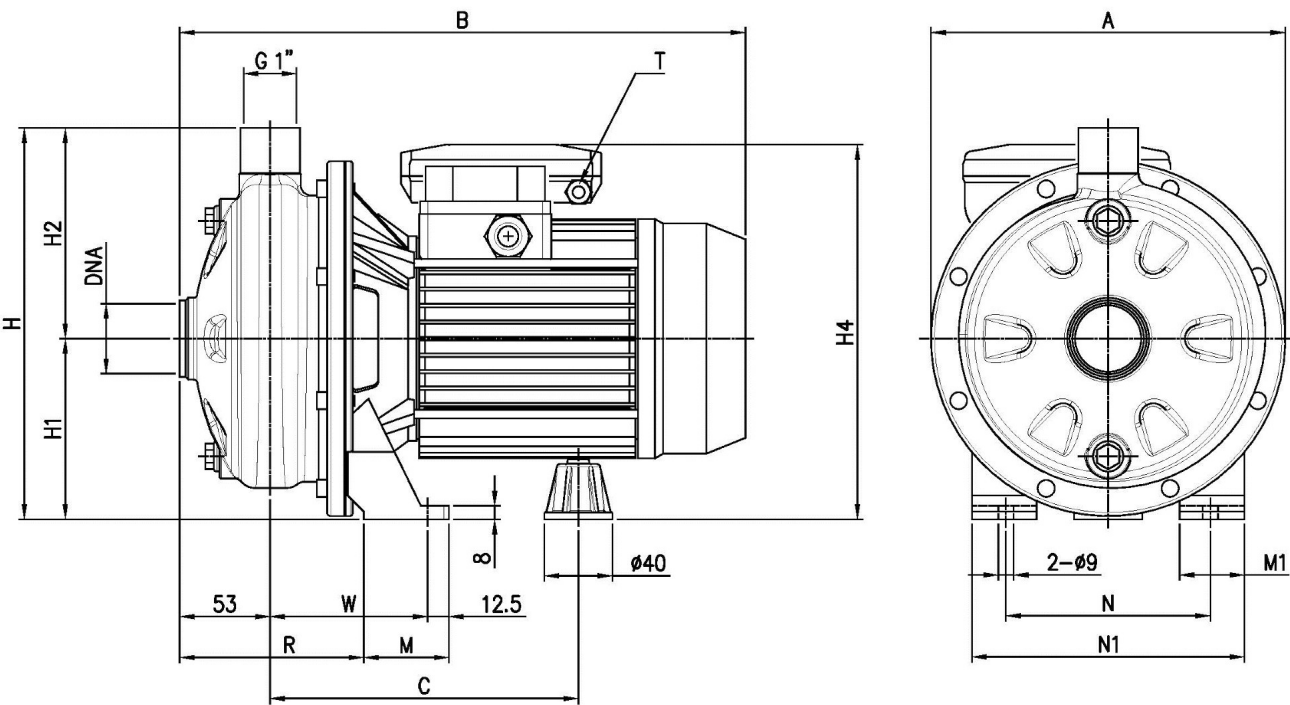
Water; 20°C; 998.3kg/m³; 1mm²/s



Dimensions

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Dimensions in mm								
1	A	208	Weight P&M	[12].5 kg				
2	B	333						
3	C	181						
4	DNA	G1 1/4						
5	H	229.5						
6	H1	106						
7	H2	123.5						
8	H4	235						
9	M	50						
10	M1	38						
11	N	120						
12	N1	160						
13	R	108						
14	T	PG11						
15	W	92.5						

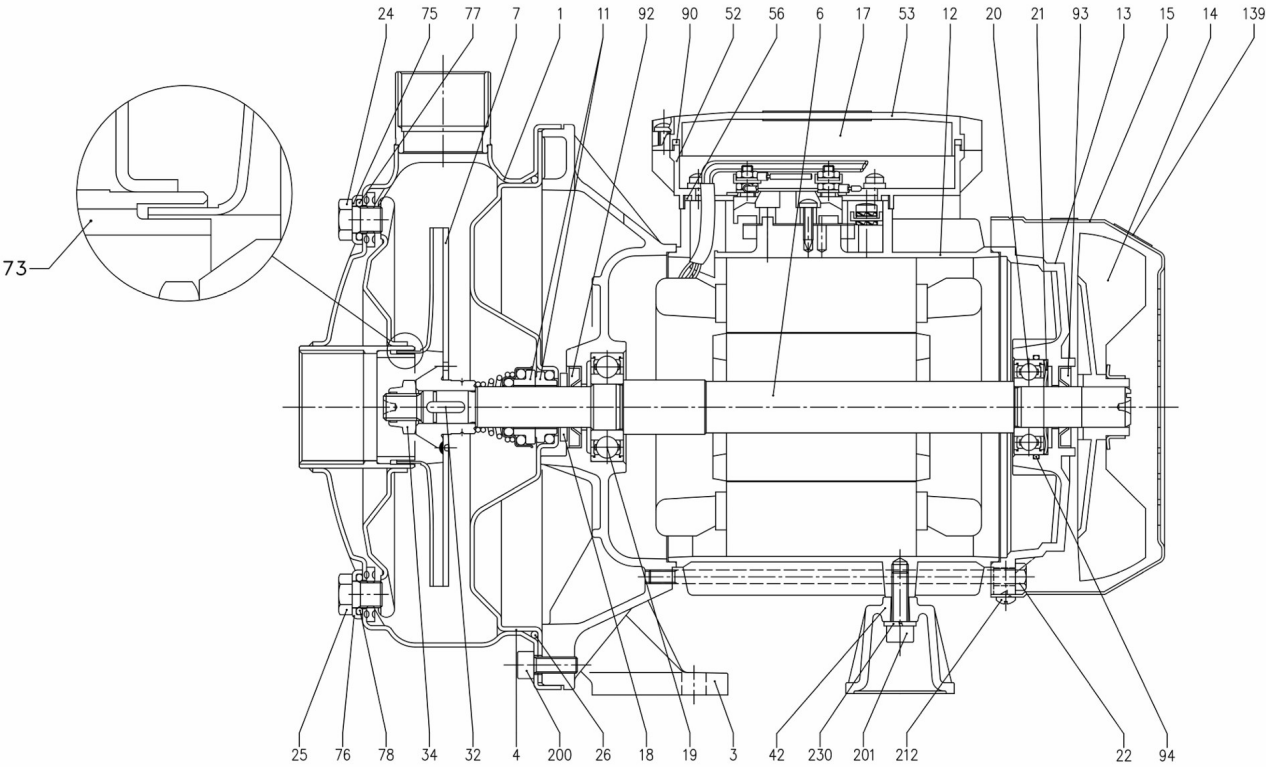
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Construction

Pump Name

CDXM 120/12

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Construction

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N°	PART NAME	MATERIAL	Q.TY
1	Casing	AISI 304 / AISI 316L [4]	1
3	Motor bracket	Aluminium	1
4	Casing cover	AISI 304 / AISI 316L [4]	1
6	Shaft with rotor	AISI 303 / AISI 316L [4] (Wet extension)	1
7	Impeller	AISI 304 / AISI 316L [4]	1
11	Mechanical seal [5]	Carbon/Ceramic/NBR	1
12	Motor frame with stator	-	1
13	Motor cover	Aluminium	1
14	Fan	PA	1
15	Fan cover	Fe P04 Zincate	1
17	Terminal box cover [2]	Aluminium	1
18	Splash ring	NBR	1
19	Pump side ball bearing	-	1
20	Fan side ball bearing	-	1
21	Adjusting ring	Steel C70	1
22	Tie rod	Fe 420 Zincate	4
24	Priming plug	AISI 304 / AISI 316 [4]	1

N°	PART NAME	MATERIAL	Q.TY
25	Drain plug	AISI 304 / AISI 316 [4]	1
26	O-ring [3]	NBR	1
32	Key	AISI 316	1
34	Impeller nut	AISI 304 / AISI 316 [4]	1
42	Motor support	Aluminium	1
52	Terminal box [1]	ABS class V-0	1
53	Terminal box cover [1]	ABS class V-0	1
56	Box gasket	NBR	1
73	Double ring	AISI 304 / AISI 316 [4]	1
75	Washer	AISI 304	1
76	Washer	AISI 304	1
77	O-ring [3]	NBR	1
78	O-ring [3]	NBR	1
90	Terminal box cover gasket [1]	NBR	1
92	Lip seal	-	1
93	Lip seal	-	1
94	O-ring [6]	NBR	1
200	Screw	Stainless steel A2 UNI7323	8

[1] Only for single phase

[2] Only for three phase

[3] FPM for H-HS-HW-HSW
EPDM for E and Special Mechanical Seal

[4] Only for "L" version

[5] See CONSTRUCTION 3

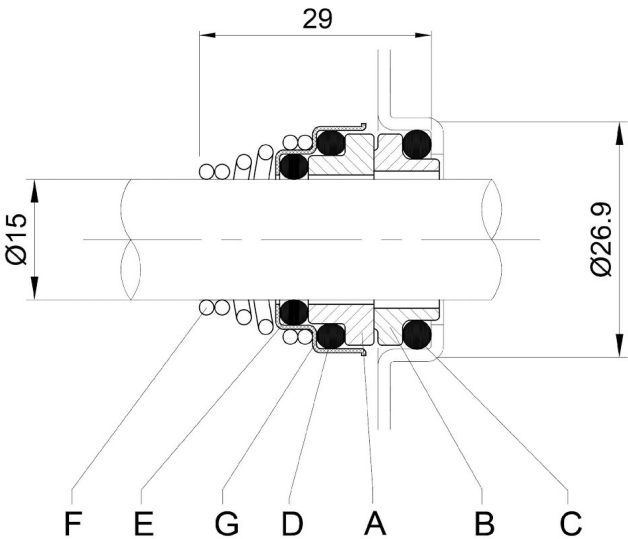
[6] Only for CDX 120/12 and CDX 200/12 (three phase)
models

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Construction

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REF	PART NAME	MATERIAL Standard and L version
A	Rotary seal ring	Ceramic
B	Stationary seal ring	Carbon graphite
C	O-Ring	NBR
D	O-Ring	NBR
E	O-Ring	NBR
F	Self-driving spring	AISI 316
G	Frame	AISI 304