



## Stainless Steel Centrifugal Electric Pump Type CDX(L)

### APPLICATIONS

- Washing machines
- Water treatment plants
- Air-conditioning plants
- Moderately aggressive fluids pumping
- Air / Humidification treatment plants
- General water supply



### FEATURES

- Hydraulic robust construction
- High performances and efficiency
- Low noise
- Compact dimensions
- Integrated volute obtained from hydro-forming process



### TECHNICAL DATA

- Capacity up to 15 m<sup>3</sup>/h
- Total head up to 40.5m
- T.E.F.C. 2 poles motor
- Insulation class F
- Protection degree IP55
- 1 ~ 230 ± 10% 50Hz,  
3 ~ 230/400V ± 10% 50Hz
- Permanent split capacitor and automatic thermal overload protection for single-phase version.
- Thermal protection to be provided by the user for three-phase version.
- DNA 1" ½ for CDX200, DNA 1" ¼ for other models
- DNM 1"
- IE3 motor as standard
- AISI 316L version available

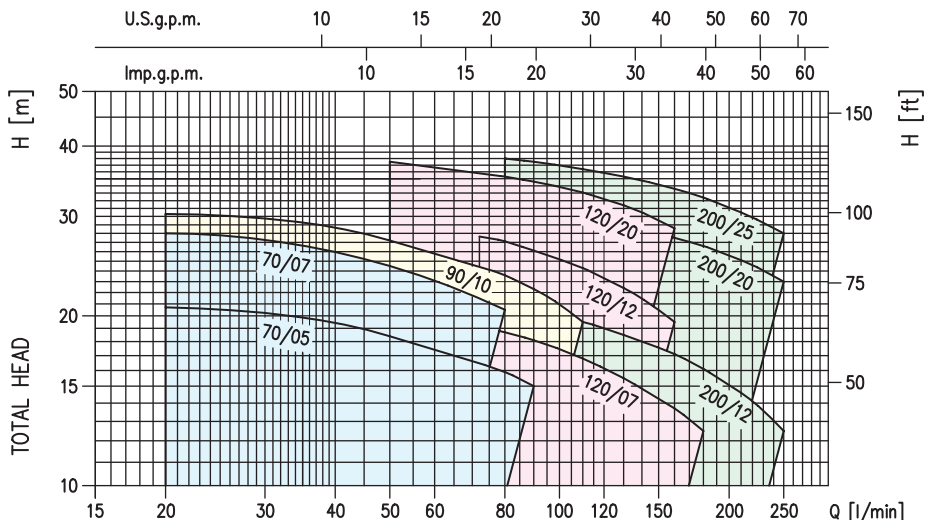


### SPECIFICATIONS

Liquid Handled	Type of liquid	Clean water
	Temperature [°C]	min. -5 max. +60 only for model 70/05, 70/07, 90/10 max. +60 for model 70/05, 70/07, 90/10 version: E, Q1AEGG, VAEGG, U3UEGG, Q1U3EGG, U3CEGG max. +90 max. +110 H-HS-HW-HSW max. +120 E, Q1AEGG, VAEGG, U3U3EGG, Q1U3EGG, U3CEGG
Maximum working pressure [MPa]		0.8
Construction	Impeller	Closed centrifugal type
	Shaft seal type	Mechanical seal
	Bearing	Sealed ball bearing
Pipe Connection	Suction	from G1"¼ to G1"½ UNI ISO 228-1
	Discharge	G1" UNI ISO 228-1
Material	Casing	EN 1.4301 (AISI 304) - (AISI 316L only for "L" version)
	Impeller	EN 1.4301 (AISI 304) - (AISI 316L only for "L" version)
	Casing cover	EN 1.4301 (AISI 304) - (AISI 316L only for "L" version)
	Shaft seal	Ceramic/Carbon/NBR
	Shaft	AISI 303 / AISI 316L (Wet extension)
	Bracket	Aluminium
Applicable standard of test		ISO 9906:2012 – Grade 3B



## PERFORMANCE CHART

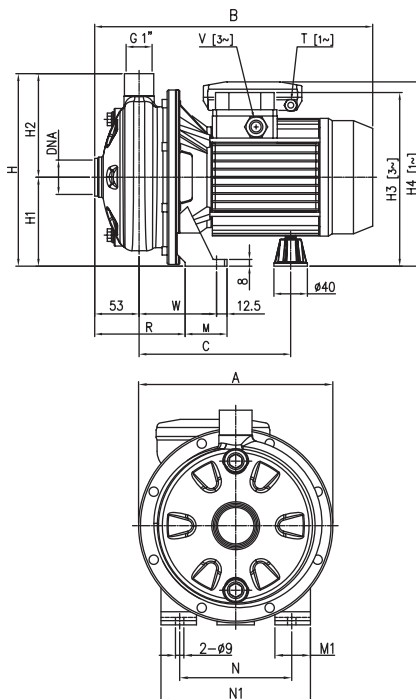


Pump Type		Power		Q=Capacity												
Single Phase	Three Phase	[kW]	[HP]	l/min	0	20	50	80	90	110	130	160	180	210	250	
				m <sup>3</sup> /h	0	1.2	3	4.8	5.4	6.6	7.8	9.6	10.8	12.6	15	
<b>H=Total manometric head in meters</b>																
CDXM 70/05	CDX 70/05	0.37	0.5	22	20.7	18.4	15.9	15	-	-	-	-	-	-	-	-
CDXM 70/07	CDX 70/07	0.55	0.75	30	28	24.5	20.5	-	-	-	-	-	-	-	-	-
CDXM 90/10	CDX 90/10	0.75	1	32	30.3	27.2	23.6	22.3	19.5	-	-	-	-	-	-	-
CDXM 120/07	CDX 120/07	0.55	0.75	22.5	-	20.5	18.7	18.1	16.8	15.5	13.7	12.5	-	-	-	-
CDXM 120/12	CDX 120/12	0.9	1.2	31.2	-	29.3	27.5	26.8	25.2	23.6	21	-	-	-	-	-
CDXM 120/20	CDX 120/20	1.5	2	40.5	-	37.5	35.3	34.6	33.1	31.4	28.6	-	-	-	-	-
CDXM 200/12	CDX 200/12	0.9	1.2	22.8	-	-	21.3	21	20.4	19.7	18.5	17.6	16	14	-	-
CDXM 200/20	CDX 200/20	1.5	2	33	-	-	31.5	31.2	30.6	30	28.7	27.9	26.5	24.5	-	-
-	CDX 200/25	1.8	2.5	39.4	-	-	36.8	26.5	35.6	34.7	33.3	32	30	27.2	-	-

## DIMENSION

Model	Dimension [mm]																Weight [kg]				
	A	B [2]	B [1]	C	H	H1	H2	H3 [1]	H4 [2]	M	M1	N	N1	R	T [2]	V [1]	W	DNA	[2]	[1]	
CDX(M) 70/05	208	321	320	181	229.5	106	123.5	207	216	50	38	120	160	108	PG11	PG11	-	92.5	G1 ¼	8.3	8.3
CDX(M) 70/07	208	321	320	181	229.5	106	123.5	207	216	50	38	120	160	108	PG11	PG11	-	92.5	G1 ¼	9.8	9.7
CDX(M) 90/10	208	321	320	181	229.5	106	123.5	207	216	50	38	120	160	108	PG11	PG11	M16x1.5	92.5	G1 ¼	11.0	11.0
CDX(M) 120/07	208	321	320	181	229.5	106	123.5	207	216	50	38	120	160	108	PG11	PG11	-	92.5	G1 ¼	9.6	9.5
CDX(M) 120/12	208	321	332	181	229.5	106	123.5	207	235	50	38	120	160	108	PG11	PG11	M16x1.5	92.5	G1 ¼	11.8	12.4
CDX(M) 120/20	232	346.5	371.5	198.5	250	118	132	237	248.5	55	40	140	180	105.5	PG13.5	PG11	M20x1.5	95	G1 ½	16.5	18.1
CDX(M) 200/12	208	321	332	181	229.5	106	123.5	207	235	50	38	120	160	108	PG13.5	PG11	M16x1.5	92.5	G1 ½	11.4	12.2
CDX(M) 200/20	208	346.5	371.5	198.5	229.5	106	123.5	225	236.5	55	40	140	180	105.5	PG13.5	PG11	M20x1.5	95	G1 ½	15.3	17
CDX 200/25	232	-	371.5	198.5	250	118	132	237	-	55	40	140	180	105.5	-	PG11	M20x1.5	95	G1 ½	-	16.8

[1]= Three phase only  
[2]= Single phase only



\* Dimensional details are provided for reference only.  
\* All specifications are subject to change without prior notice.



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