



OPERATING CONDITIONS

- Maximum working pressure: 8 bar
- Maximum liquid temperature: 110 °C

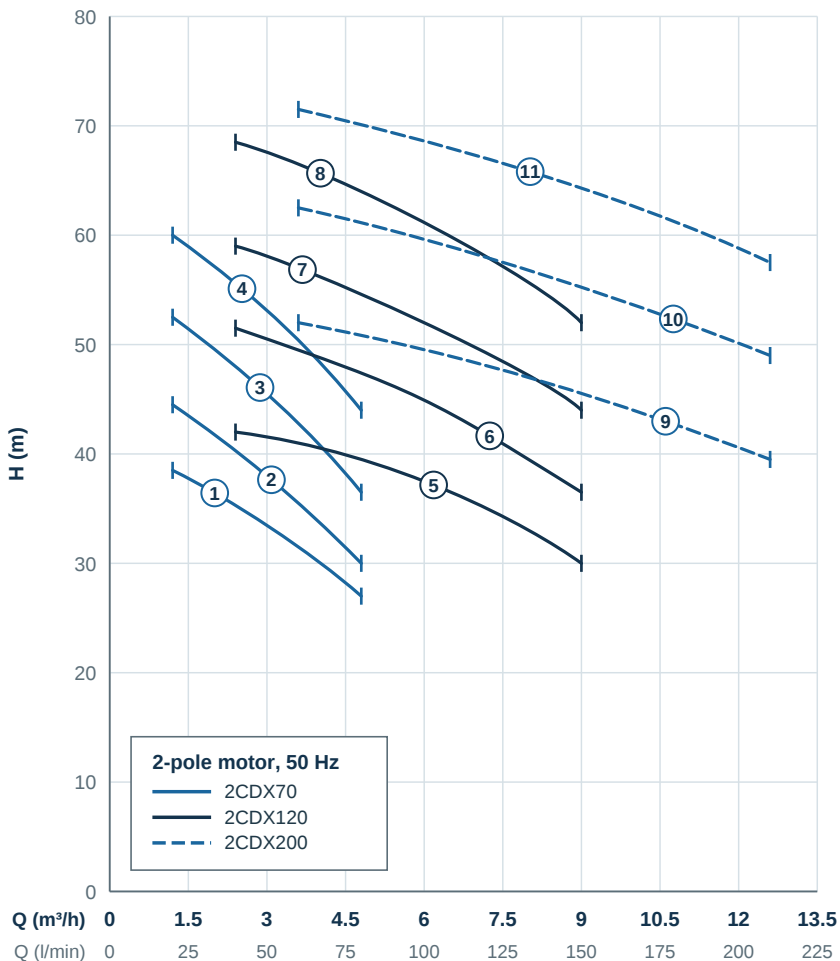
MATERIALS

- Pump body, impeller, diffuser and casing cover in AISI 304
- Shaft in AISI 304
- Bracket and motor casing in aluminium
- Mechanical seal in carbon/ceramic/NBR

APPLICATIONS

- Pressure boosting
- Water supply
- Water treatment and irrigation
- Air conditioning systems
- General water pumping, including moderately aggressive liquids

PERFORMANCE CURVES



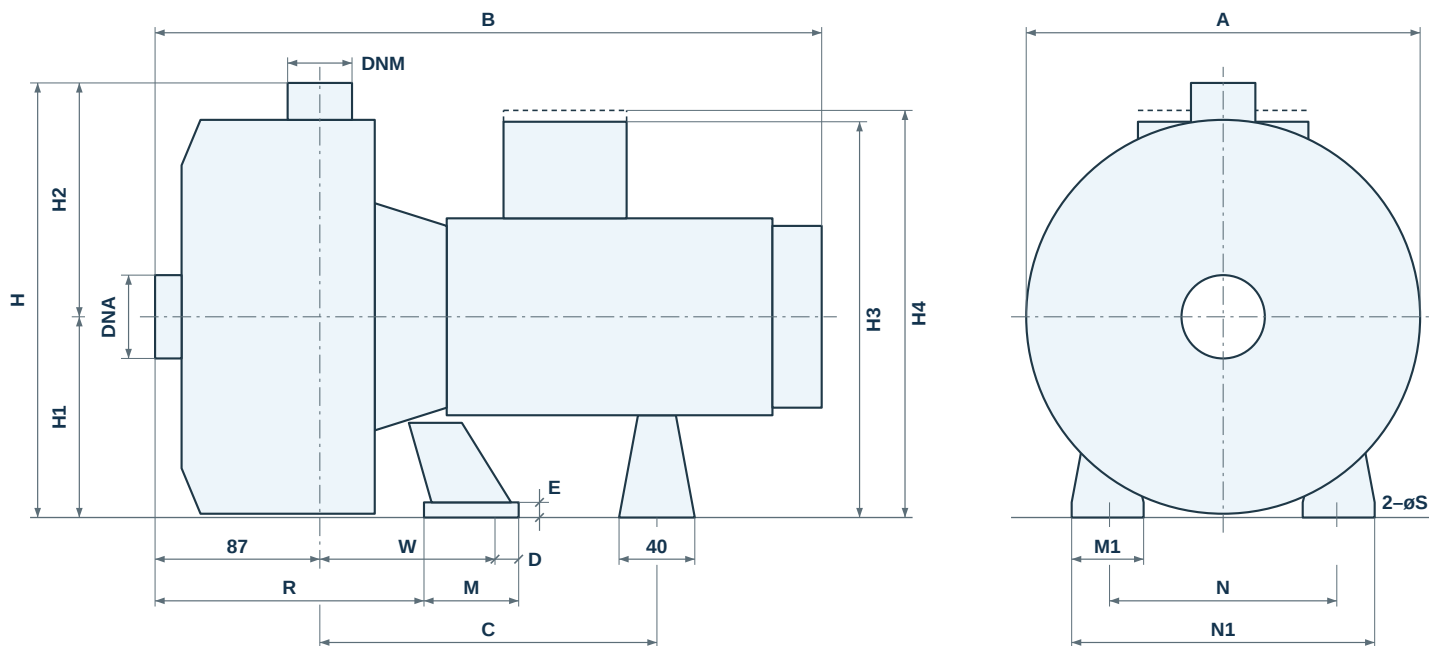
PERFORMANCE DATA

No.	MODEL		P ₂	I (A)		CAPACITY Q / TOTAL HEAD H (m)									
	3~ 380-415 V	1~ 220-240 V		kW	1~	3~	m³/h l/min	1.2 20	2.4 40	3.6 60	4.8 80	7.2 120	9 150	10.8 180	12.6 210
①	2CDX70/10	2CDXM70/10	0.75	6.0	2.3		38.5	35.3	31.5	27	—	—	—	—	
②	2CDX70/12	2CDXM70/12	0.9	7.0	2.9		44.5	40.3	35.5	30	—	—	—	—	
③	2CDX70/15	2CDXM70/15	1.1	8.0	3.2		52.5	48	42.8	36.5	—	—	—	—	
④	2CDX70/20	2CDXM70/20	1.5	9.9	4.0		60	55.6	50.4	44	—	—	—	—	
⑤	2CDX120/15	2CDXM120/15	1.1	8.3	3.2		—	42	41	39.5	35	30	—	—	
⑥	2CDX120/20	2CDXM120/20	1.5	10.2	4.0	H (m)	—	51.5	49.5	47.4	41.8	36.5	—	—	
⑦	2CDX120/30	2CDXM120/30	2.2	12.6	5.0		—	59	57	54.6	49.2	44	—	—	
⑧	2CDX120/40	2CDXM120/40	3.0	15.6	6.2		—	68.5	66.5	64	58	52	—	—	
⑨	2CDX200/30	2CDXM200/30	2.2	15.1	6.0		—	—	52	50.8	48.1	45.5	42.7	39.5	
⑩	2CDX200/40	2CDXM200/40	3.0	16.6	6.6		—	—	62.5	61.1	58	55.2	52.3	49	
⑪	2CDX200/50	—	3.7	—	8.7		—	—	71.5	70.1	67	64.3	61.2	57.5	

TECHNICAL DATA

- T.E.F.C. 2-pole motor, 50 Hz
- Insulation class F, degree of protection IP55
- Single-phase 1~ 220-240 V; three-phase 3~ 380-415 V
- 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 G1½ for 2CDX200, G1¼ for the other models; DNM 1"

OVERALL DIMENSIONS



DIMENSIONS TABLE

MODEL		DIMENSIONS (mm)																	GLAND		DNA
3~	1~	A	B	C	D	E	H	H1	H2	H3	H4	M	M1	N	N1	R	W	S	T 1~	V 3~	
2CDX70/10	2CDXM70/10	208	355	182	12.5	8	229	106	123	209	215	50	38	120	160	142.5	93	9	PG11	PG11	G1¼
2CDX70/12	2CDXM70/12	208	355	182	12.5	8	229	106	123	209	215	50	38	120	160	142.5	93	9	PG11	PG11	G1¼
2CDX70/15	2CDXM70/15	232	380	199	12.5	8	250	118	132	235	249	55	40	140	180	140	95.5	9	PG13.5	PG11	G1¼
2CDX70/20	2CDXM70/20	232	385	199	12.5	8	250	118	132	235	249	55	40	140	180	140	95.5	9	PG13.5	PG11	G1¼
2CDX120/15	2CDXM120/15	208	380	199	12.5	8	229	106	123	223	237	55	40	140	180	140	95.5	9	PG13.5	PG11	G1¼
2CDX120/20	2CDXM120/20	208	380	199	12.5	8	229	106	123	223	237	55	40	140	180	140	95.5	9	PG13.5	PG11	G1¼
2CDX120/30	2CDXM120/30	232	390	209.5	12.5	8	250	118	132	240	—	65	40	140	180	145	110.5	9	—	PG13.5	G1¼
2CDX120/40	2CDXM120/40	232	420	231.5	12.5	8	250	118	132	240	—	65	40	140	180	145	110.5	9	—	PG13.5	G1¼
2CDX200/30	2CDXM200/30	208	394	210	12.5	8	229	106	123	240	—	65	40	140	180	145	110.5	9	—	PG13.5	G1½
2CDX200/40	2CDXM200/40	232	420	231.5	12.5	8	250	118	132	240	—	65	40	140	180	145	110.5	9	—	PG13.5	G1½
2CDX200/50	—	232	445	231.5	16	13	250	118	132	252	—	68	50	160	210	145	110	12	—	PG16	G1½

Dimensions in mm. T, V = cable gland (single-phase / three-phase version). Fixing holes: 2-øS.