

CB

TWO-STAGE CENTRIFUGAL PUMPS

High hydraulic performance

The two opposite impellers with balanced axial thrust allow for high efficiency, making them particularly suitable for civil and industrial use, autoclave units, etc.

APPLICATIONS

- Pressurization systems.
- Small irrigation.
- Handling of non-aggressive liquids
- Washing systems

USAGE DATA

- Type of liquid: clear or slightly turbid non-abrasive water.
- Maximum temperature of the liquid
40°C for 0.55 - 0.75 kW 90°C for 1.1 - 4.0 kW
- Maximum suction height recommended
5 m with foot valve.
- Maximum operating pressure: 6 bar
for models kW 0.55 - 0.75 10 bar for models kW 1.1 - 4

MOTOR

- Closed, ventilated from outside.
- Degree of protection IP 44
- Insulation class F
- Single-phase power supply with capacitor permanently on and thermal protection built into the motor casing.
- Three-phase power supply with external protection provided by the user.



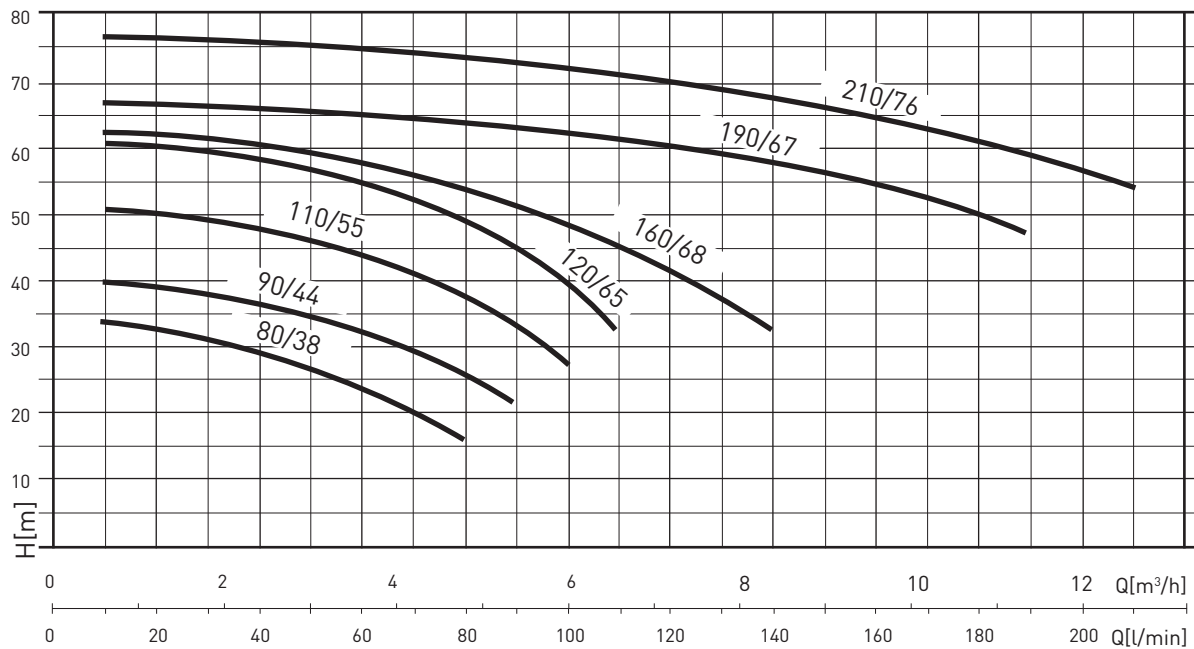
TABLE OF MATERIALS

Component	Material
Pump body	Cast iron EN GJL 200
Motor casing	Aluminium for models : kW 0.55 - 1.00 Cast iron for the rest of the range
Impeller	Technopolymer for models : kW 0.55 - 0.75 brass for the rest of the range
Intermediate disk	Cast iron
Motor shaft	AISI 303 for models : kW 1.1 - 1.5 - 2.2 AISI 304 for models : kW 3.0 - 4.0 AISI 416 for models : kW 0.55 - 0.75
Mechanical seal	Graphite
Counterface	Ceramic
Seal-holding disk	AISI 304 for models : kW 0.55 - 0.75 Cast iron for the rest of the range
Gaskets	NBR

CB**TWO-STAGE CENTRIFUGAL PUMPS****LENNTECH**
WATER TREATMENT SOLUTIONS

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HYDRAULIC PERFORMANCE**PERFORMANCE TABLE**

MODEL	Motor power (P2)		Motor power (P1)		VOLT. (V)	In (A)	μF	Q												
	HP	kW	HP	kW					l/min	20	40	50	80	90	100	110	140	170	190	210
CB 80/38 M CB 80/38 T	0,75	0,55	1,5 1,4	1,1 1,1	1~230 3~220/380	5 3,4-2,0	1,6		m³/h	1,2	2,4	3,0	4,8	5,4	6,0	6,6	8,4	9,6	10,8	12,0
CB 90/44 M CB 90/44 T	1	0,74	1,9 1,2	1,4 0,9	1~230 3~230/400	6,1 2,9-1,7	20													
CB 110/55 M CB 110/55 T	1,5	1,1	2,5 2,4	1,9 1,8	1~230 3~230/400	8,6 5,5-3,2	35													
CB 120/65 M CB 120/65 T	2	1,5	3,2 2,8	2,4 2,1	1~230 3~230/400	10,8 6,9-4,0	40													
CB 160/68 T	3	2,2	3,5	2,6	3~230/400	8,1-4,7														
CB 190/67 T	4	3	5,5	4,1	3~230/400	12,5-7,2														
CB 210/76 T	5	4	6,1	4,6	3~230/400	15,1-8,7														

m.c.w.

OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions mm.										WEIGHT (Kg)
	A	B	C	D	E	F	H1	H2	DNA	DNM	
CB 80/38	58	73	336	180	140	183	97	227	1"	1"	13,5
CB 90/44	58	73	336	180	140	183	97	227	1"	1"	15
CB 110/55	66	86	394	195	155	209	110	265	1 1/4"	1"	25
CB 120/65	66	86	410	195	155	209	110	265	1 1/4"	1"	27
CB 160/68	66	86	410	195	155	194	110	265	1 1/4"	1"	27
CB 190/67	72	96	467	230	180	228	133	309	1 1/2"	1 1/4"	42,5
CB 210/76	72	96	467	230	180	228	133	309	1 1/2"	1 1/4"	46,3

