



Two impeller centrifugal pumps for constructing pressurisation systems for civil and industrial plant; the two counter-posed impellers guarantee high head and flow rate.

## Construction features

**Pump body** cast iron

**Motor bracket** cast iron

**Impeller** Noryl® or brass (100÷900)  
brass (800÷1500)

**Mechanical seal** ceramic-graphite-NBR

**Motor shaft** stainless steel AISI 303  
stainless steel AISI 416 (100)

**Liquid temperature** Noryl® impeller: 0 - 50 °C  
brass impeller: 0 - 90 °C

**Operating pressure** max 6 bar (100)  
max 11 bar (160÷1500)

## Motor

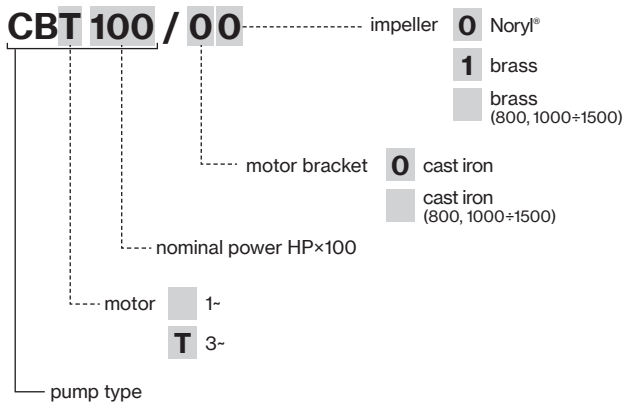
3- 230/400V - 50Hz P ≤ 4kW  
3- 400/690V - 50Hz P > 4kW

### 2 Poles induction motor

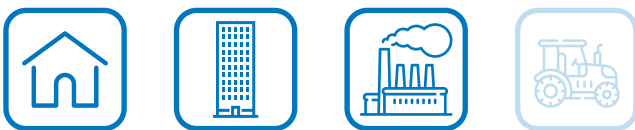
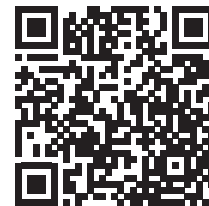
1- 230V - 50Hz  
(with thermal protection up to MEC 80)

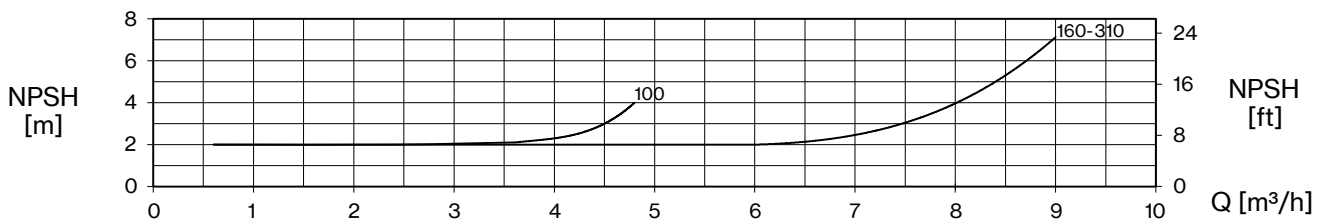
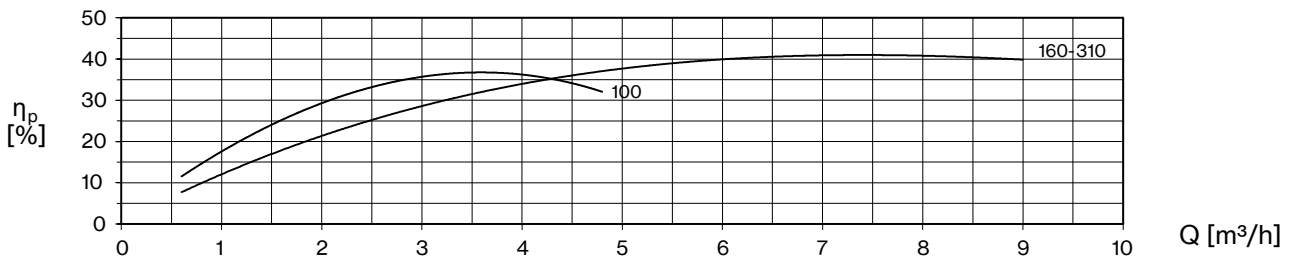
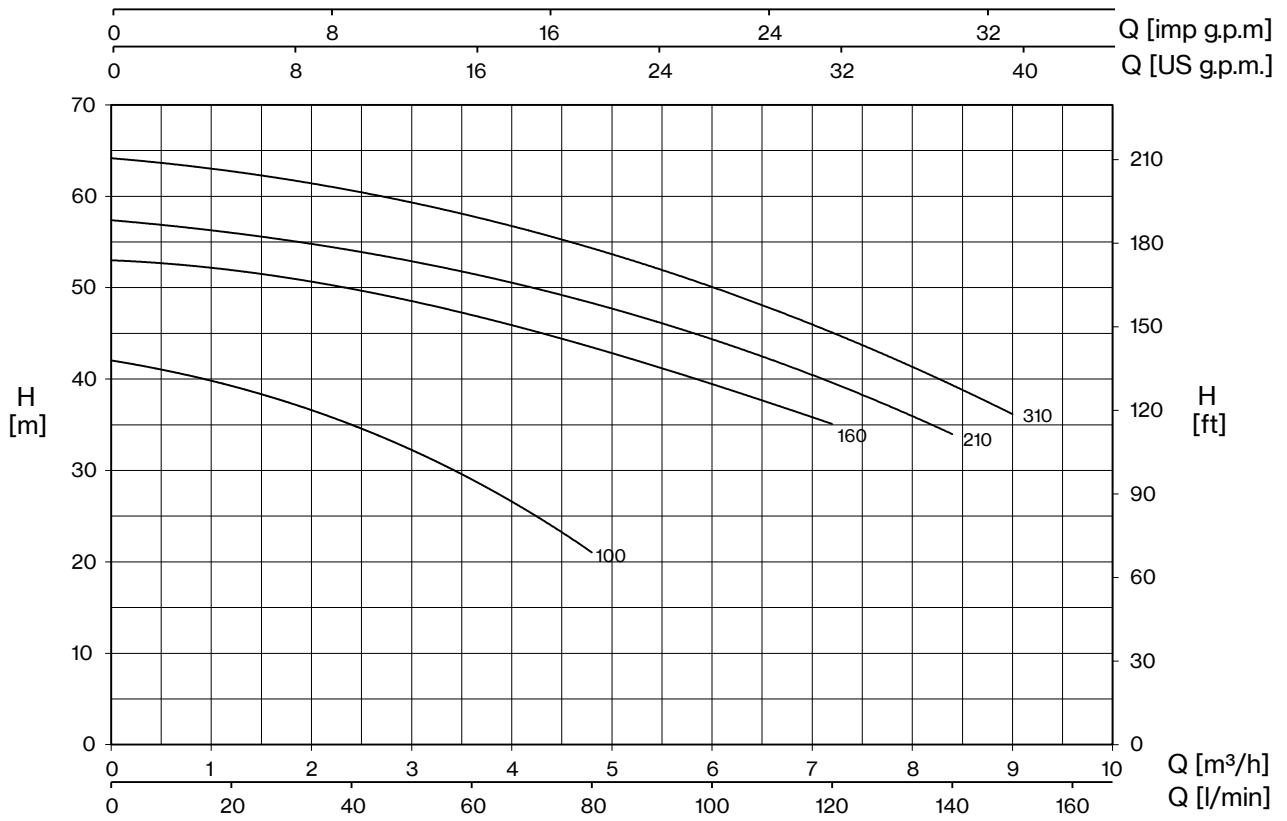
**Insulation class** F

**Protection degree** IPX4  
IPX5 (800÷1500)

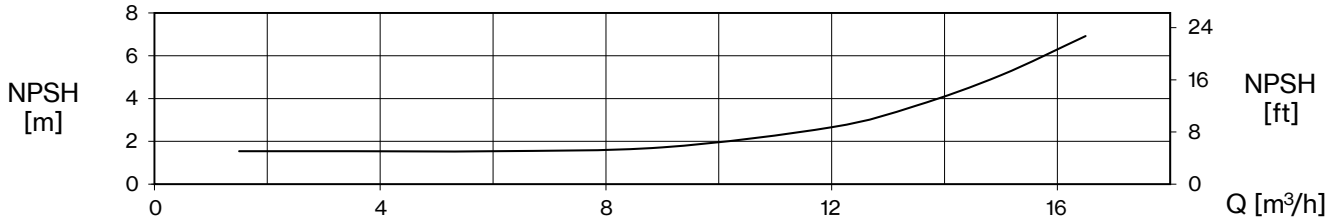
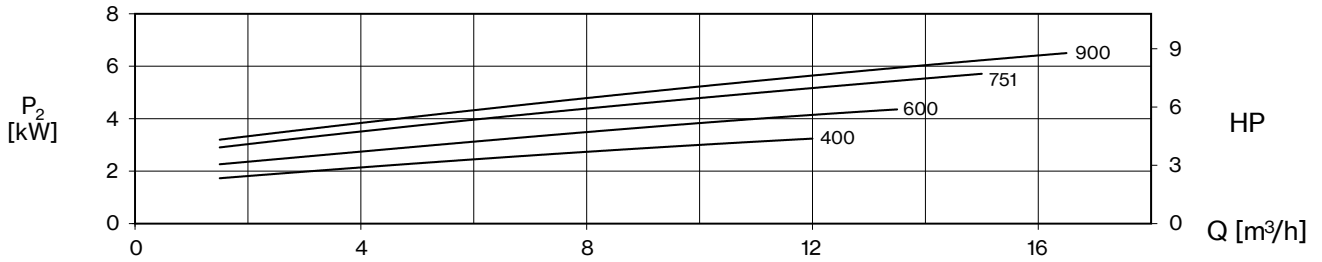
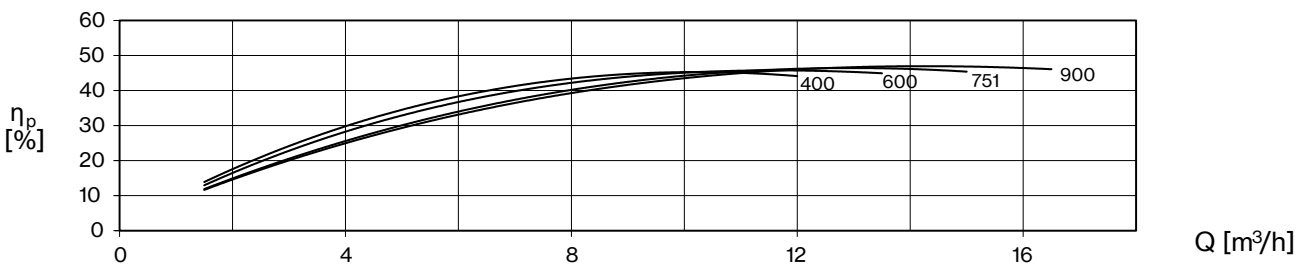
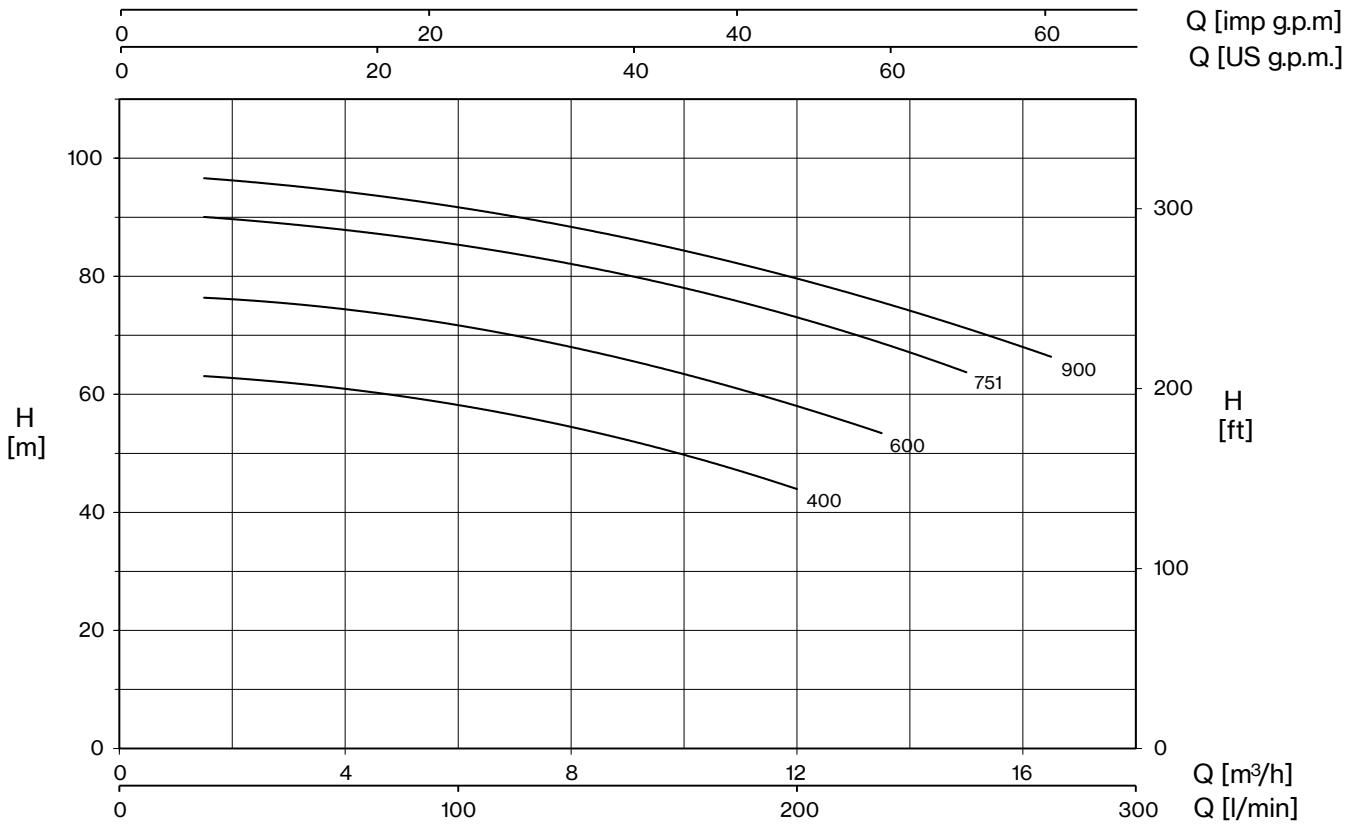


TYPE	LOTS		CONTAINER	
	TRUCK			
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
CB 100	90×110×145	65	90×110×195	91
CB 160÷CBT 310	85×110×130	40	85×110×190	60
CB 310	85×110×150	24	85×110×180	30
CB 400÷900	80×120×150	24	80×120×180	30
CBT 800÷1500	100×120×140	18	100×120×185	24

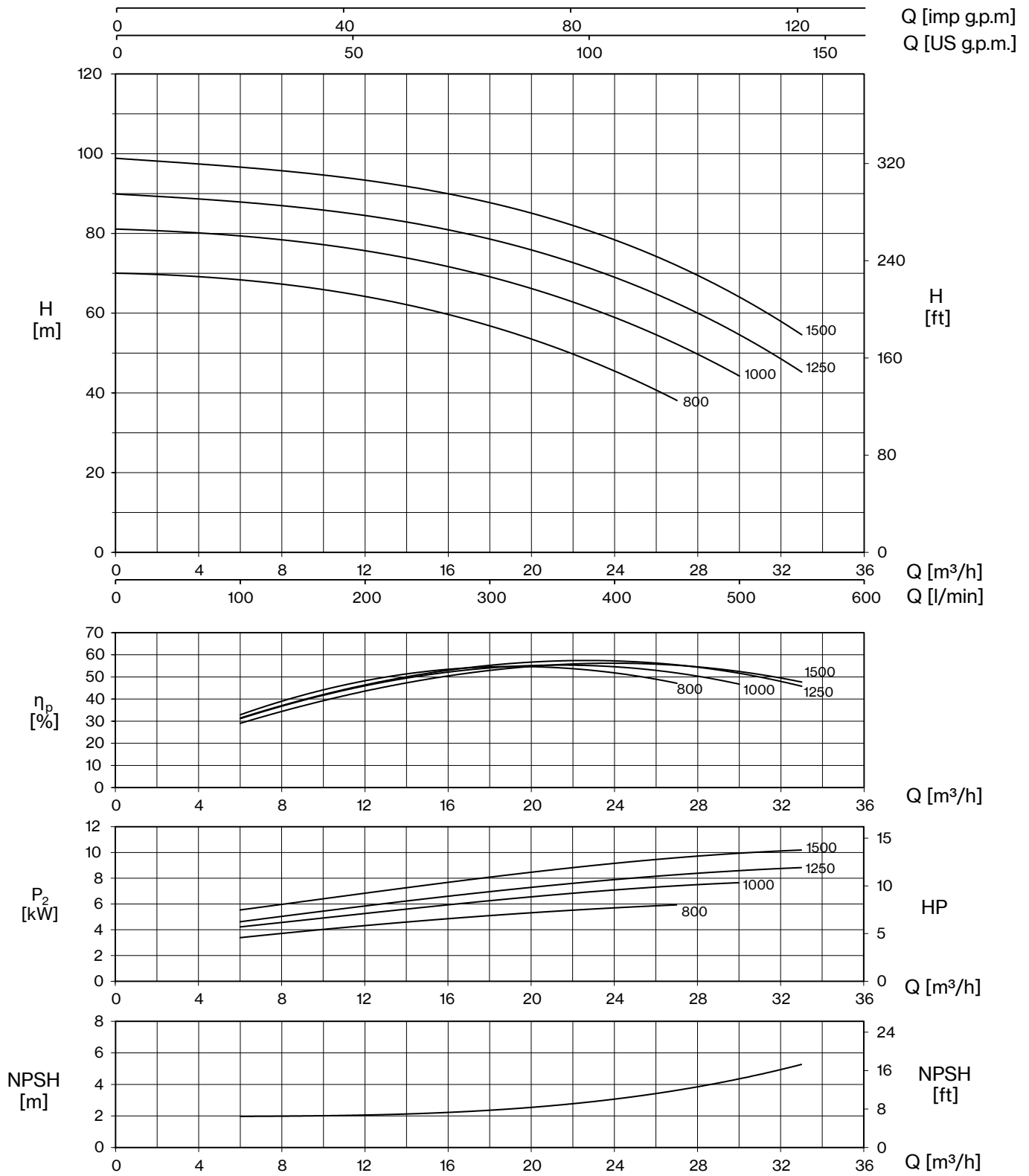




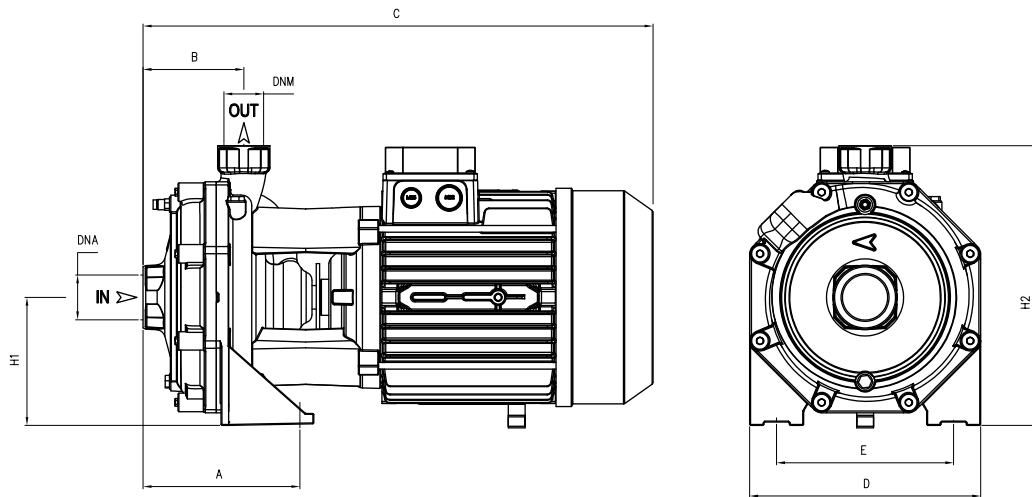
TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)											
1~	3~	HP	kW	1~	3~	1~ 230V 50 Hz	3~ 400V 50 Hz	0	0,6	1,2	1,8	2,4	3,6	4,8	6	7,2	8,4	9	
								0	10	20	30	40	60	80	100	120	140	150	
								H (m)											
CB 100	CBT 100	1	0,74	1,17	1,15	5,4	2,4	42,0	40,8	39,4	37,4	34,7	29,2	21,0					
CB 160	CBT 160	1,5	1,1	2,3	2,2	10,2	4,1	53,0	52,5	52,0	51,0	50,0	46,9	43,3	39,7	35,0			
CB 210	CBT 210	2	1,5	2,6	2,45	11,5	4,8	57,3	56,9	56,0	55,1	54,0	51,5	48,4	44,4	39,5	34,0		
CB 310	CBT 310	3	2,2	2,9	2,8	13,2	5,2	64,0	63,5	63,0	61,9	60,6	57,7	54,1	50,0	45,4	39,4	36,0	





TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)												
1~	3~	HP	kW	1~	3~	1~ 230V 50 Hz	3~ 400V 50 Hz	0	1,5	3,0	4,5	6,0	7,5	9,0	10,5	12	13,5	15,0	16,5	
								0	25	50	75	100	125	150	175	200	225	250	275	
								H (m)												
CB 400	CBT 400	4	3,0	3,7	3,8	16,4	6,7	63,6	63,1	62,0	60,3	58,2	55,5	52,3	48,4	43,9				
CB 600	CBT 600	5,5	4,0	5,2	5,0	23,3	9,1	76,9	76,4	75,4	73,8	71,7	69,0	65,9	62,1	58,0	53,4			
-	CBT 751	7,5	5,5	-	6,5	-	11,5	90,7	90,0	88,9	87,3	85,3	82,9	80,1	76,8	73,1	68,8	63,7		
-	CBT 900	10	7,5	-	7,3	-	13,3	97,5	96,6	95,4	93,7	91,7	89,2	86,5	83,3	79,8	75,2	71,2	66,4	



TYPE	P2		P1 (kW)	AMPERE 3~	Q (m³/h - l/min)							
					0	6	12	18	24	27	30	33
	HP	kW	3~	3- 400V 50 Hz	0	100	200	300	400	450	500	550
3~	H (m)											
CBT 800	7,5	5,5	6,7	11,1	70,0	68,5	63,9	57,1	45,3	38,2		
CBT 1000	10	7,5	8,5	13,9	80,7	80,4	75,0	68,5	59,7	52,6	43,7	
CBT 1250	12,5	9,2	9,8	16,3	89,5	88,8	84,1	77,7	69,7	63,0	54,2	45,1
CBT 1500	15	11,0	11,2	18,6	98,3	97,8	93,5	85,7	78,9	73,3	64,0	54,0



TYPE	DIMENSIONS (mm)													
	A	B	C	D	E	H1	H2	DNA	DNM	I	L	M	Kg	T
CB 100	122	72	328	180	140	98	228	1" G	1" G	350	195	265	15,5	T 15
CB 160	115	82	385	210	170	110	265	1" ¼ G		405	225	295	23,5	T 22,5
CB 210	115	82	385	210	170	110	265		1" ¼ G	405	225	295	24,5	T 23,5
CB 310	115	82	385	210	170	110	265	1" ½ G		405	225	295	29,5	T 24,5
CB 400	145	95,5	498	266	212	135	305		1" ½ G	1" ¼ G	553	274	318	48
CB 600	145	95,5	498	266	212	135	305	1" ¼ G		553	274	318	56,5	T 48
CBT 751	145	95,5	532	266	212	135	305		2" G	1" ¼ G	553	274	318	56
CBT 900	145	95,5	532	266	212	135	305	1" ¼ G		675	390	300	78	
CBT 800	190	120	605	275	210	150	330		1" ¼ G	675	390	300	84	
CBT 1000	190	120	605	275	210	150	330	1" ¼ G		675	390	300	91,5	
CBT 1250	190	120	645	275	210	150	330		1" ¼ G	675	390	300	95,5	
CBT 1500	190	120	645	275	210	150	330							