

2CB



Pressurisation units with 2 threaded centrifugal pumps of CB series on a single skid, connected in parallel by suction and delivery manifolds.

They are available in fixed speed version with electronic control panel or in variable speed version with EPIC and EPIC-A inverters for constant pressure. The key characteristics of these systems are their reliability, user-friendly operation, and low maintenance needs. Installation of a pressure tank is required.

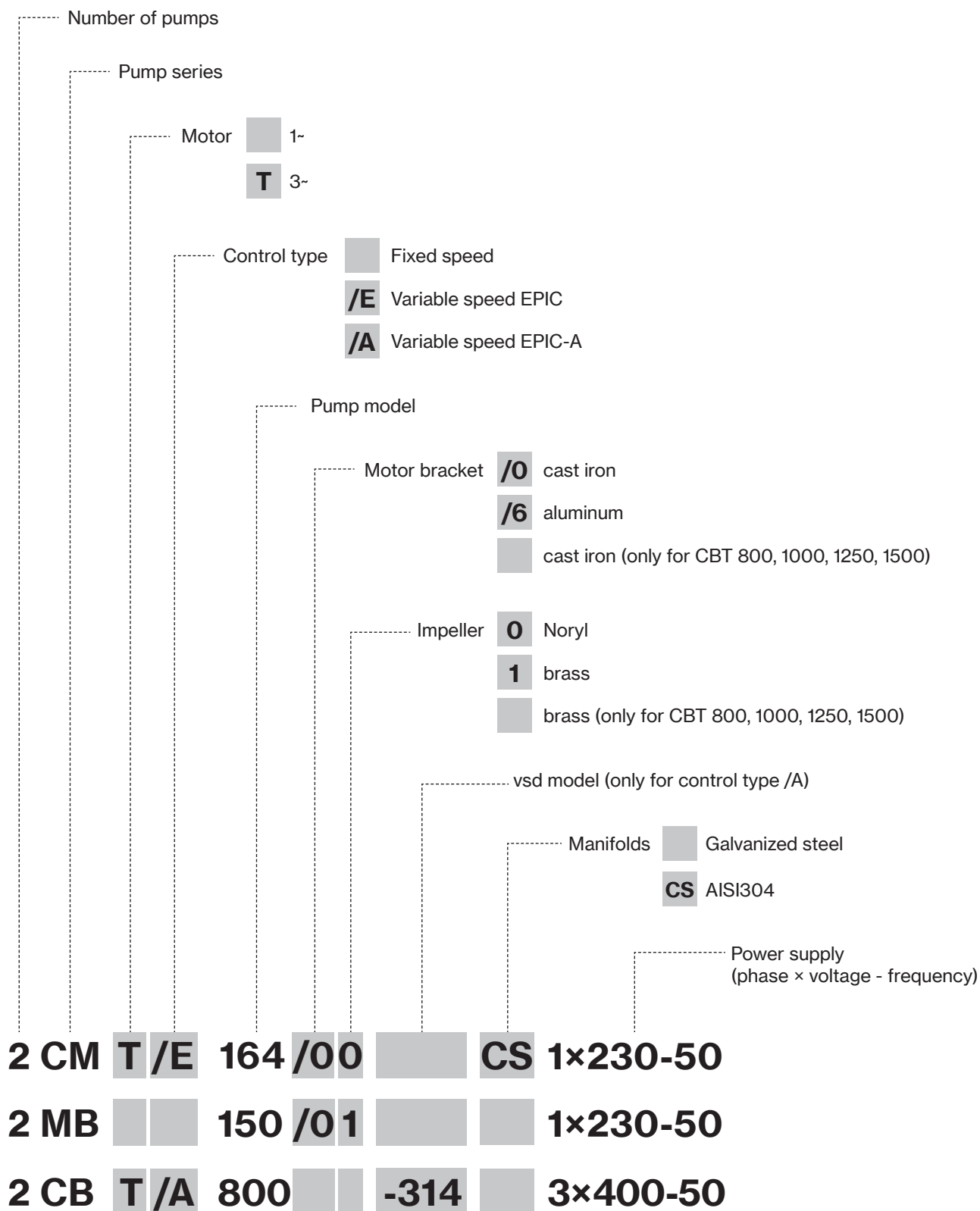
Booster set features

Suction manifold	galvanized steel with non-return and isolation valves
Delivery manifold	galvanized steel with pressure gauge and isolation valves, two connectors in the delivery manifold for direct installation of pressure tanks up to 24 lt
Base frame	galvanized steel
Fixed speed	electronic control panel EQ2SM(T) and two pressure switches
Variable speed	inverter EPIC or EPIC-A on each pump and two pressure sensors
Pressure tanks	available on request as accessories

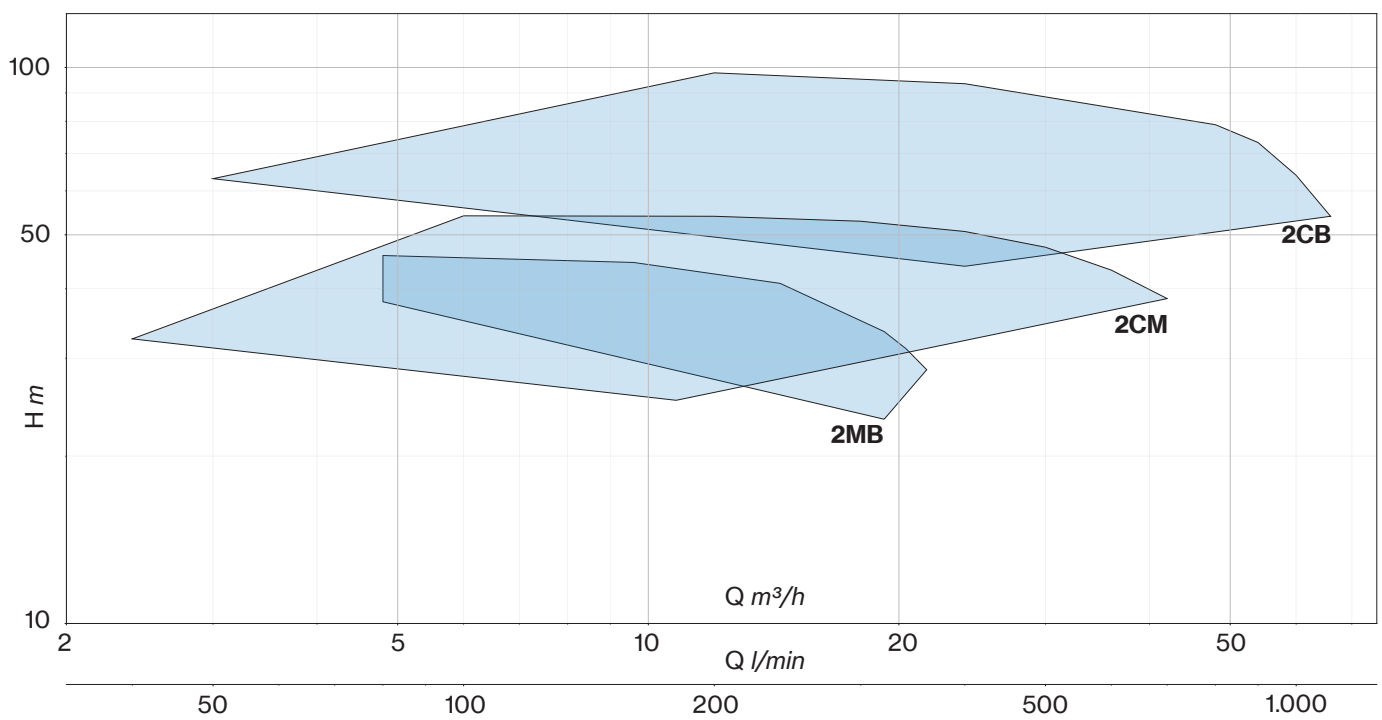
Pump features

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)
2 Poles induction motor	3~ 230/400V - 50Hz P ≤ 4kW 3~ 400/690V - 50Hz P > 4kW 1~ 230V - 50Hz
Motor insulation class	F
Motor protection degree	IPX4 IPX5 (800÷1500)

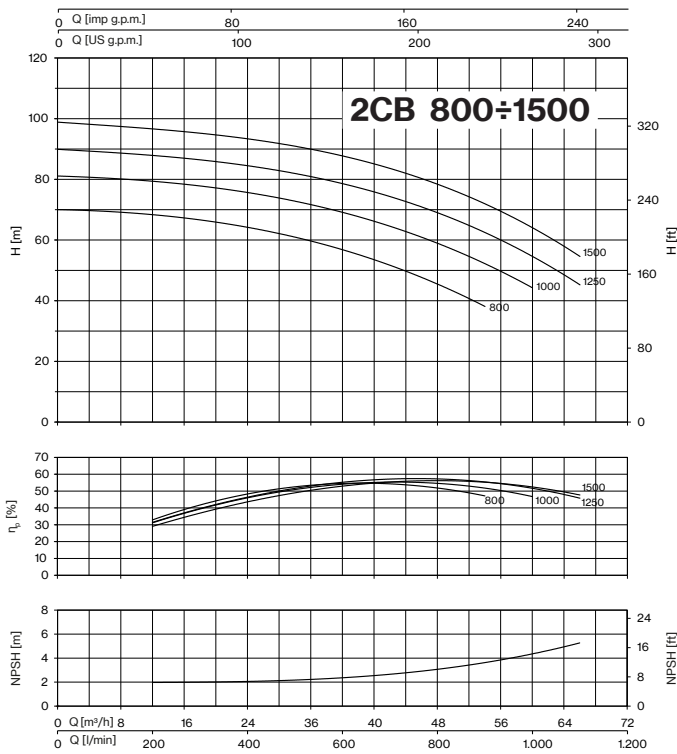
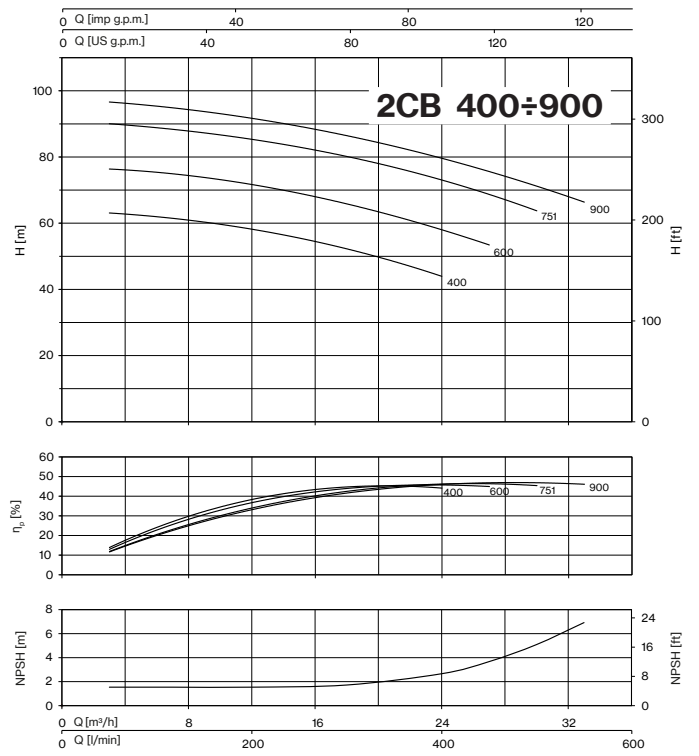
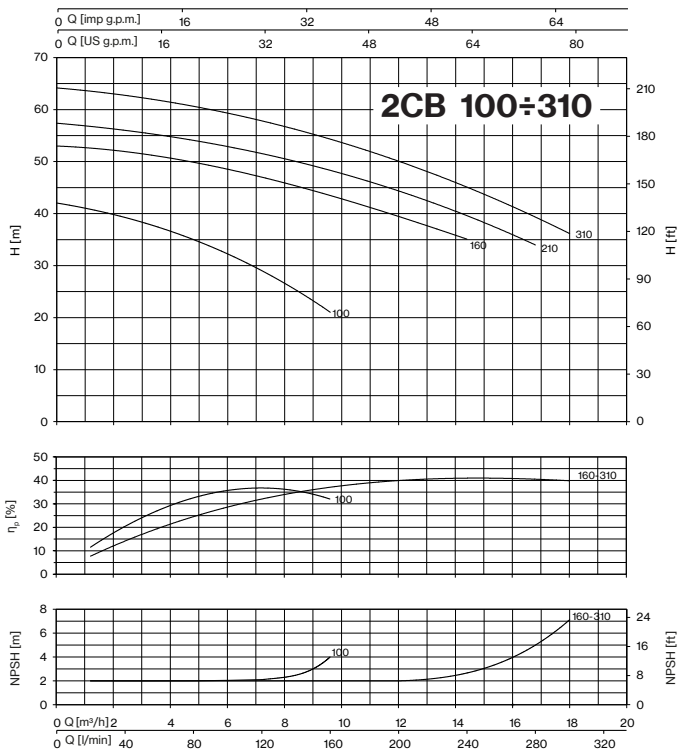
Name key

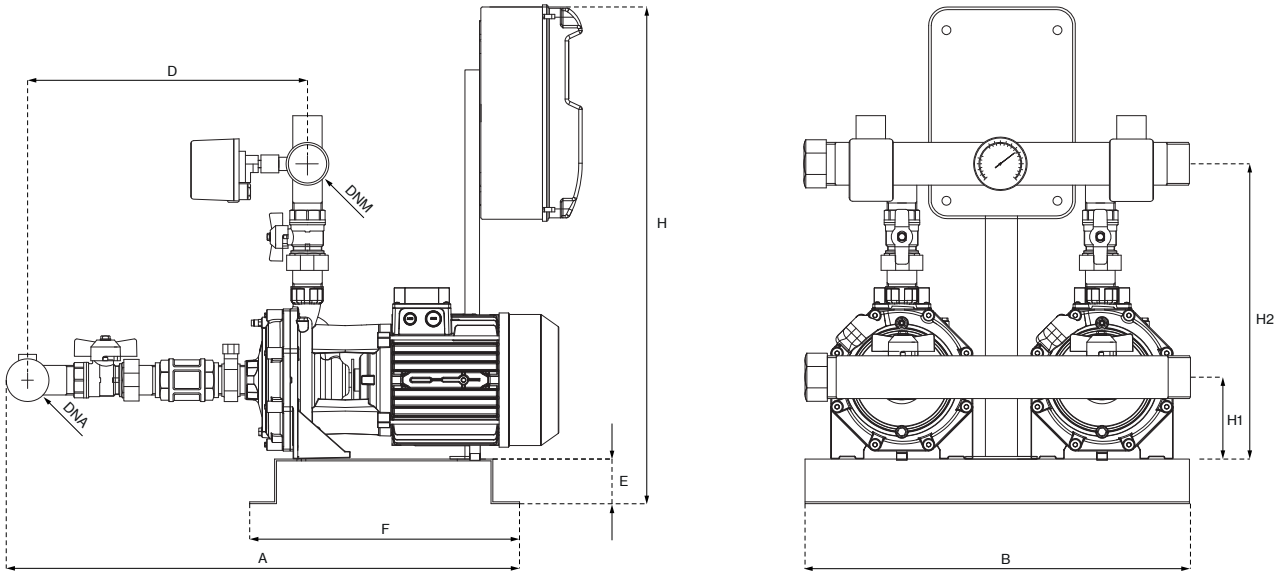


Performance data and curves



2CB





EPIC-A mounted on a skid rod for power ratings above 4 HP

MODEL				P1		In			Required tank for v.s.	DIMENSIONS								WEIGHT				
FIXED SPEED		VARIABLE SPEED		1-	3-	1- 230V	3- 400V	3- 230V		A	B	D	E	F	H	H1	H2	DNA	DNM	f.s.	v.s.	
1-	3-	EPIC	EPIC-A																			
		1- in 230V 3-out 230V	3- 400V-in 3- 400V-out	kW (x2)	A (x2)	Lt	mm														Kg	
2CB100	2CBT100	2CBT/E100	2CBT/A100-304	1,17	1,15	5,4	2,4	4,2	2x 8	653	520	351	50	300	633	98	366	2" G	1" ½ G	49	54	
2CB160	2CBT160	2CBT/E160	2CBT/A160-306	1,9	1,8	8,5	3,7	6,4	2x 20	646	520	361	50	300	633	110	403			71	76	
2CB210	2CBT210	-	2CBT/A210-306	2,3	2,2	10,4	4,4	-	2x 20	646	520	361	50	300	633	110	403			72	77	
2CB310	2CBT310	-	2CBT/A310-306	2,8	2,6	13	5,2	-	2x 20	646	520	361	50	300	633	110	403	73	78			
-	2CBT400	-	2CBT/A400-309	-	3,8	-	6,7	-	2x 20	777	615	462	60	380	633	135	464	2" ½ G	2" G	108	113	
-	2CBT600	-	2CBT/A600-314	-	5	-	9,1	-	1x 50	777	615	462	60	380	633	135	464			116	136	
-	2CBT751	-	2CBT/A751-314	-	6,5	-	11,5	-	1x 50	777	615	462	60	380	633	135	464			132	152	
-	2CBT900	-	2CBT/A900-318	-	7,3	-	13,3	-	1x 50	777	615	462	60	380	633	135	464			144	164	
-	2CBT800	-	2CBT/A800-314	-	6,7	-	11,1	-	1x 100	1050	840	470	60	380	920	150	650	DN100	DN80	237	257	
-	2CBT1000	-	2CBT/A1000-318	-	8,5	-	13,9	-	1x 100	1050	840	470	60	380	920	150	650			247	267	
-	2CBT1250	-	2CBT/A1250-318	-	9,8	-	16,3	-	1x 100	1050	840	470	60	380	920	150	650			264	284	
-	2CBT1500	-	2CBT/A1500-325	-	11,2	-	18,6	-	1x 100	1050	900	470	60	380	920	150	650			272	292	

f.s. : fixed speed
v.s. : variable speed

