



Horizontal Double Suction Pump

Type CB

APPLICATIONS



- Public water supply



- Agricultures



- Water treatment



- Industrial plants



- Air conditioning
- Heating systems & Cooling systems

FEATURES

Energy-saving Design

- World top class pump efficiency achieved.
- Major improvement over our previous models by impeller designed using our proprietary 3D inverse design technology.
- Higher efficiency means lower energy consumption and motor output, and more compact size.

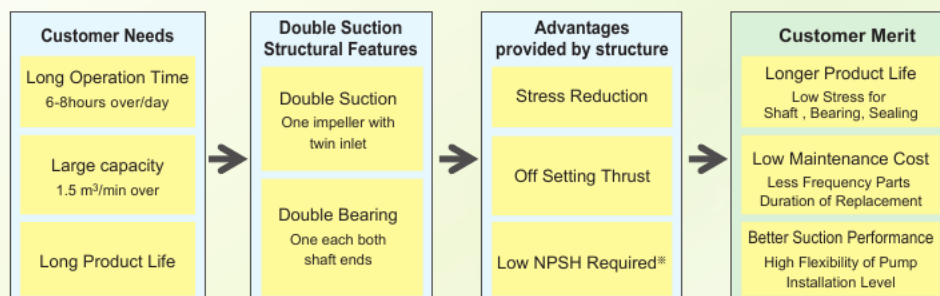
Simple Maintenance

- Very compact design for ease of installation and permits minimum maintenance.
- Axially split casing allows the easy removal of the top casing for inspection and service.
- Shield bearings eliminate need for adding or exchanging lubricating oil.
- Shaft seal flushing and quenching piping not required for the standard application.

Why - type C - , Double Suction Pump?

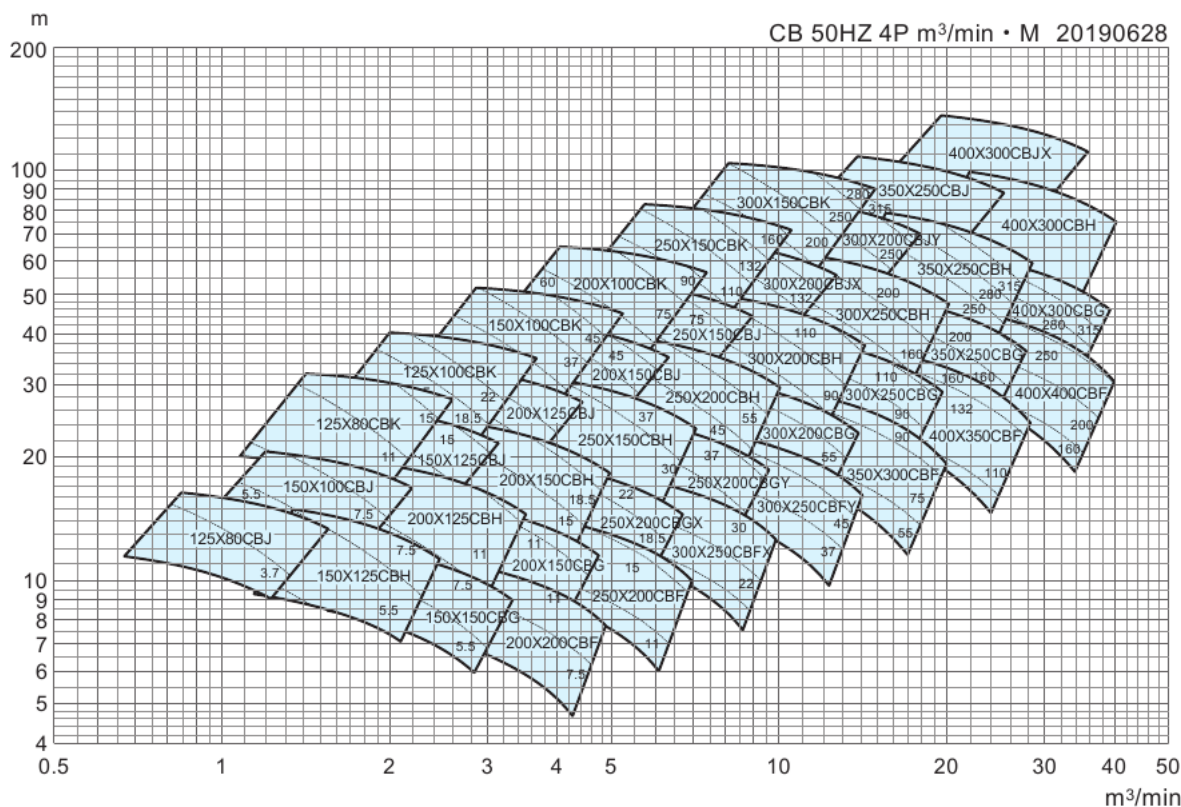
- Compared with single suction -

- will provide stable operation and better performance, low vibration, low noise.
- will lead longer product life, less energy consumption.



※ Net Positive Suction Head Required

PERFORMANCE CHART



SPECIFICATIONS

Pump

Capacities		To 42 m ³ /min
Heads		To 150m
Liquid Handled	Type of liquid	Clean water, Industrial water, River water
	Temperature	0 to 80°C
Max. Operating Pressure		16bar (1.6MPa)
Construction	Impeller	Closed double suction
	Shaft seal	Mechanical Seal
	Flushing	No Flushing
	Ball Bearing	Sealed ball bearing (grease lubrication)
Flange		JIS 16K RF
Material	Casing	FC250 or FCD450 *1
	Impeller	CAC406 or SCS13 *2
	Main shaft	SUS420J1 or DSS 2205
	Mechanical Seal	Ceramic/Carbon NBR or Silicon carbide/Carbon FPM *3

*1: It is applicable for Model 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X400CBF.

*2: It is applicable for Model 400X300CBJX

*3: It is applicable for Model 350X250CBJ, 400X300CBJX, 400X300CBH.

Motor

Number of poles	4 poles
Synchronous speed	1500min ⁻¹
Phase	3 Phase
Voltage	380V ±10%
Type	Totally enclosed fan cooled (indoors)
Protection	IP55
Frequency	30 ~ 50Hz

* Optional:

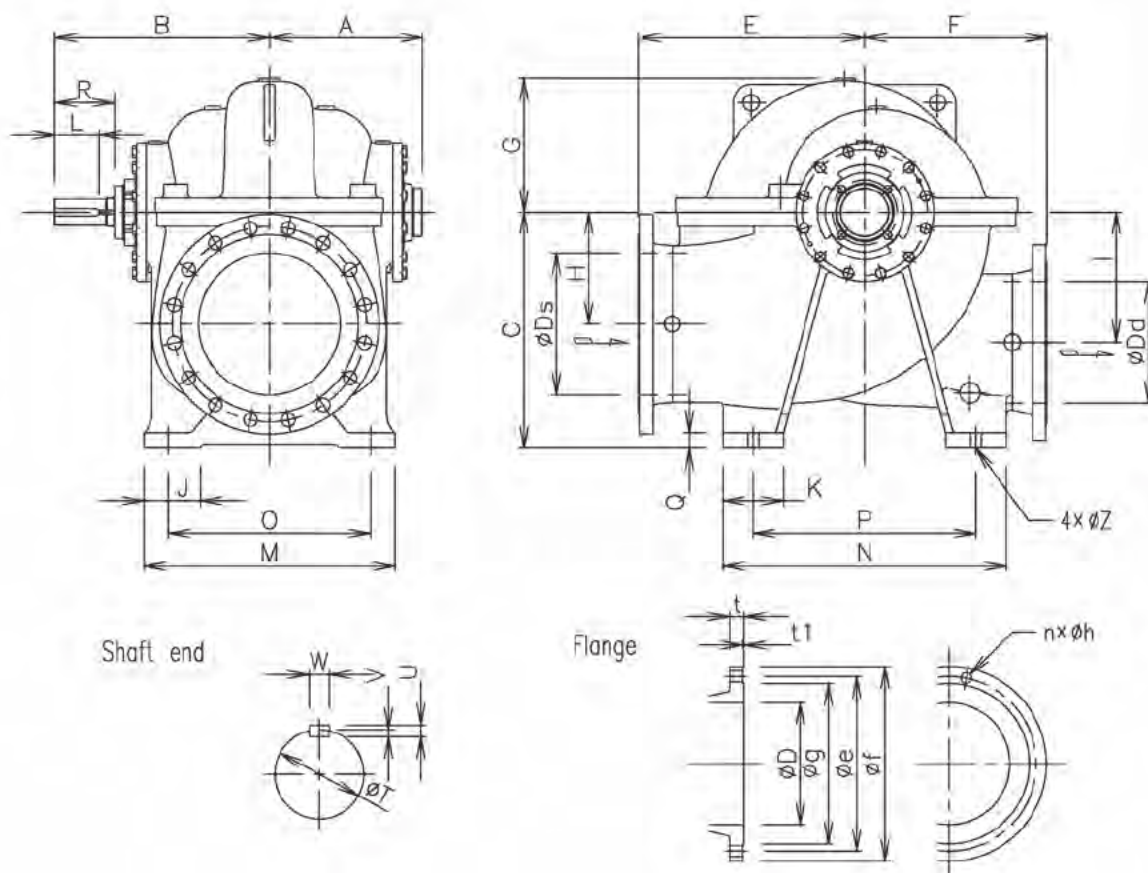
1. Totally enclosed fan cooled (indoors)

2. Varying frequency running (0~50Hz)

3. Other types of motor that user require



DIMENSION - BARE SHAFT PUMP



■ Cast Iron 16bar Flange (JIS16K)

Units:mm

D	g	e	f	t	t1	n	h
80	132	160	200	24	2	8	$\phi 23$
100	160	185	225	26	2	8	$\phi 23$
125	195	225	270	26	2	8	$\phi 25$
150	230	260	305	28	2	12	$\phi 25$
200	275	305	350	30	2	12	$\phi 25$
250	345	380	430	34	2	12	$\phi 27$
* 300	395	430	480	36	3	16	$\phi 27$
* 350	440	480	540	38	3	16	$\phi 33$
* 400	495	540	605	42	3	16	$\phi 33$

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X400 CBF use the legal dimensions of Ductile Cast Iron

* ■ Ductile Cast Iron 16bar Flange (JIS16K)

Units:mm

D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	275	305	350	26	2	12	$\phi 25$
250	345	380	430	28	2	12	$\phi 27$
300	395	430	480	30	3	16	$\phi 27$
350	440	480	540	34	3	16	$\phi 33$
400	495	540	605	38	3	16	$\phi 33$

■ Cast Iron 16bar Flange

Units:mm

D	g	e	f	t	t1	n	h
80	132	160	200	22	3	8	$\phi 19$
100	156	180	220	24	3	8	$\phi 19$
125	184	210	250	26	3	8	$\phi 19$
150	211	240	285	26	3	8	$\phi 23$
200	266	295	340	30	3	12	$\phi 23$
250	319	355	405	32	3	12	$\phi 28$
* 300	370	410	460	32	4	12	$\phi 28$
* 350	429	470	520	36	4	16	$\phi 28$
* 400	495	540	605	38	3	16	$\phi 33$

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X400 CBF use the legal dimensions of Ductile Cast Iron

* ■ Ductile Cast Iron 16bar Flange

Units:mm

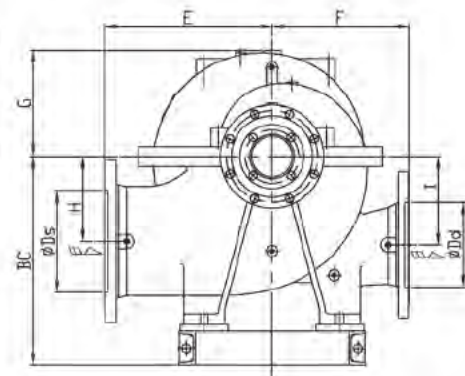
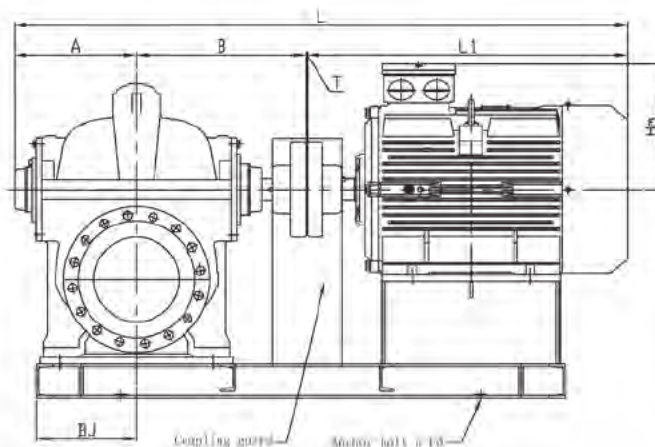
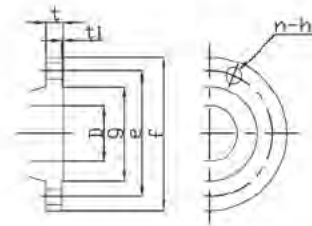
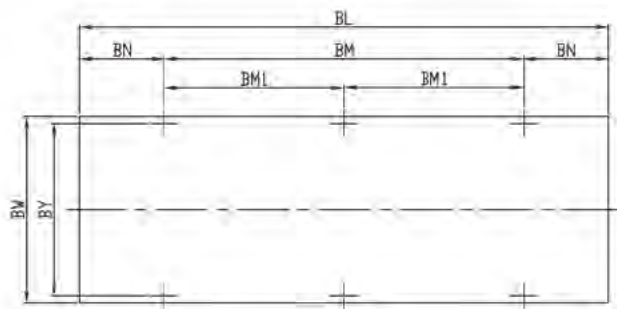
D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	266	295	340	20	3	12	$\phi 23$
250	319	355	405	22	3	12	$\phi 28$
300	370	410	460	24.5	4	12	$\phi 28$
350	429	470	520	26.5	4	16	$\phi 28$
400	480	525	580	28	4	16	$\phi 31$

DIMENSION - BARE SHAFT PUMP

Units:mm

MODEL	Size		Pump																	Shaft						Wt
	Ds	Dd	A	B	C	E	F	G	H	I	J	K	M	N	O	P	Q	Z	L	R	T	U	V	W	(KG)	
125X80CBJ	125	80	188	272	310	300	250	170	165	165	60	70	300	290	250	230	20	19	56	60	28	8	5	10	110	
125X80CBK	125	80	225	310	290	330	250	195	140	180	70	80	340	320	280	250	20	19	63	70	28	8	5	10	170	
125X100CBK	125	100	245	370	345	370	280	230	180	200	80	90	380	360	310	270	25	19	80	91	38	8	5	10	240	
150X100CBJ	150	100	203	328	340	310	280	200	175	185	60	70	300	290	250	230	20	19	80	88	38	8	5	10	170	
150X100CBK	150	100	272	403	380	415	305	255	180	230	90	100	430	400	350	300	25	19	90	99	48	9	5.5	14	310	
150X125CBH	150	125	210	335	360	330	290	180	185	175	80	90	380	360	310	270	25	19	80	85	38	8	5	10	170	
150X125CBJ	150	125	234	366	370	340	315	224	205	205	80	90	380	360	310	270	25	19	90	102	48	9	5.5	14	200	
150X150CBG	150	150	225	320	350	305	275	170	175	165	80	90	380	360	310	270	25	19	63	85	28	8	5	10	150	
200X100CBK	200	100	285	421	430	465	350	275	185	255	100	110	480	450	390	340	25	24	100	109	48	9	5.5	14	430	
200X125CBH	200	125	222	349	385	340	265	215	200	200	80	90	380	360	310	270	25	19	80	88	38	8	5	10	190	
200X125CBJ	200	125	222	349	405	400	280	240	210	230	80	90	380	360	310	270	25	19	80	88	38	8	5	10	240	
200X150CBG	200	150	255	350	370	330	285	205	185	185	80	100	430	400	350	300	25	19	80	91	28	8	5	10	210	
200X150CBH	200	150	243	353	395	380	260	240	210	220	90	100	430	400	350	300	25	19	80	90	28	8	5	10	260	
200X150CBJ	200	150	266	390	425	405	390	275	230	260	90	100	430	400	350	300	25	19	90	96	48	9	5.5	14	380	
200X200CBF	200	200	245	340	385	380	320	210	200	200	90	100	430	400	350	300	25	19	63	70	28	8	5	10	230	
250X150CBH	250	150	272	408	460	425	290	264	230	250	100	110	480	450	390	340	25	24	90	101	38	8	5	10	340	
250X150CBJ	250	150	294	451	480	450	440	310	250	290	100	110	480	450	390	340	25	24	100	111	55	10	6	16	470	
250X150CBK	250	150	345	520	480	520	390	310	205	285	110	120	550	520	450	400	30	24	110	123	65	11	7	18	630	
250X200CBF	250	200	275	390	450	395	315	243	225	225	100	110	480	450	390	340	25	24	80	86	38	8	5	10	320	
250X200CBGX	250	200	270	385	435	370	300	225	210	210	90	110	480	450	390	340	25	24	80	86	38	8	5	10	270	
250X200CBGY	250	200	290	415	475	415	340	250	235	235	100	120	550	520	450	400	30	24	90	99	48	9	5.5	14	340	
250X200CBH	250	200	285	421	505	475	350	280	260	280	110	120	550	520	450	400	30	24	100	109	48	9	5.5	14	470	
300X150CBK	300	150	350	535	485	600	440	345	235	320	110	120	550	520	450	400	25	24	125	133	65	11	7	18	860	
300X200CBG	300	200	310	460	525	465	355	270	260	265	110	120	550	520	450	400	30	24	100	115	48	9	5.5	14	580	
300X200CBH	300	200	310	490	560	535	405	320	295	315	110	120	550	520	450	400	30	24	110	124	55	10	6	16	690	
300X200CBJX	300	200	321	480	545	505	495	336	280	320	110	130	550	520	450	400	30	24	110	125	65	11	7	18	720	
300X200CBJY	300	200	349	526	565	565	550	374	315	360	120	120	550	520	450	400	30	24	125	133	75	12	7.5	20	870	
300X250CBFX	300	250	280	415	505	445	350	265	255	255	100	120	550	520	450	400	30	24	90	101	38	8	5	10	480	
300X250CBFY	300	250	335	460	520	495	355	300	275	285	110	120	550	520	450	400	30	26	90	105	48	9	5.5	14	590	
300X250CBG	300	250	370	525	600	560	450	305	307	300	135	150	620	700	500	550	38	26	110	121	65	11	7	18	780	
300X250CBH	300	250	350	535	625	600	450	355	340	355	135	150	620	700	500	550	38	26	125	133	65	11	7	18	860	
350X250CBG	350	250	390	570	585	585	440	340	270	335	135	150	620	700	500	550	38	26	125	132	75	12	7.5	20	890	
350X250CBH	350	250	365	555	665	675	500	395	270	395	120	140	800	800	720	660	30	28	125	137	75	12	7.5	20	1180	
350X250CBJ	350	250	395	621	645	635	615	420	335	405	120	140	700	700	620	560	30	28	140	160	95	14	9	25	1240	
350X300CBF	350	300	360	510	600	560	450	330	275	320	130	150	620	700	500	550	38	26	100	107	55	10	6	16	830	
400X300CBG	400	300	440	630	625	660	510	380	310	375	110	140	800	700	720	560	38	28	125	158	85	14	9	22	1400	
400X300CBH	400	300	450	685	715	755	515	445	320	445	110	140	800	800	720	660	30	28	160	179	95	14	9	25	1670	
400X300CBJX	400	300	559	756	725	710	690	470	380	455	140	140	800	800	660	660	30	28	160	170	105	16	10	28	1940	
400X350CBF	400	350	420	575	645	625	510	370	321	360	150	135	700	700	550	550	38	26	110	125	65	11	7	18	1050	
400X400CBF	400	400	470	645	725	690	505	410	380	405	130	160	860	800	780	640	35	30	125	132	75	12	7.5	20	1550	

DIMENSIONS - PUMP WITH MOTOR



■ Cast Iron 16bar Flange (JIS16K)

Units:mm

D	g	e	f	t	t1	n	h
80	132	160	200	24	2	8	φ23
100	160	185	225	26	2	8	φ23
125	195	225	270	26	2	8	φ25
150	230	260	305	28	2	12	φ25
200	275	305	350	30	2	12	φ25
250	345	380	430	34	2	12	φ27
* 300	395	430	480	36	3	16	φ27
* 350	440	480	540	38	3	16	φ33
* 400	495	540	605	42	3	16	φ33

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X400 CBF use the legal dimensions of Ductile Cast Iron

*■ Ductile Cast Iron 16bar Flange (JIS16K)

Units:mm

D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	275	305	350	26	2	12	φ25
250	345	380	430	28	2	12	φ27
300	395	430	480	30	3	16	φ27
350	440	480	540	34	3	16	φ33
400	495	540	605	38	3	16	φ33

■ Cast Iron 16bar Flange

Units:mm

D	g	e	f	t	t1	n	h
80	132	160	200	22	3	8	φ19
100	156	180	220	24	3	8	φ19
125	184	210	250	26	3	8	φ19
150	211	240	285	26	3	8	φ23
200	266	295	340	30	3	12	φ23
250	319	355	405	32	3	12	φ28
* 300	370	410	460	32	4	12	φ28
* 350	429	470	520	36	4	16	φ28
* 400	495	540	605	38	3	16	φ33

* 300X200CBJY, 350X250CBJ, 400X300CBH, 400X300CBJX, 400X400 CBF use the legal dimensions of Ductile Cast Iron

*■ Ductile Cast Iron 16bar Flange

Units:mm

D	g	e	f	t	t1	n	h
80	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-
200	266	295	340	20	3	12	φ23
250	319	355	405	22	3	12	φ28
300	370	410	460	24.5	4	12	φ28
350	429	470	520	26.5	4	16	φ28
400	480	525	580	28	4	16	φ31

DIMENSIONS - PUMP WITH MOTOR

units:mm

Model	Motor	Size		Pump								Motor					Common Base										Total																					
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)																		
125X80CBJ	3	125	80	188	272	310	300	250	170	165	165	110	100L	193	197	177	34	170	410	125	500	-	750	330	290	4-φ15	46	3	853	190																		
	4												112M	200	195	189	45			510	-	760	47				858		202																			
	5.5												132S	239	241	212	61			130	540	-	800				48		943	219																		
	7.5												132M	258	267	212	73			140	560	-	840				50		988	233																		
													160M	323	291	255	103			140	580	-	860				51		1018	282																		
125X80CBK	4	125	80	225	310	290	330	250	195	140	180	170	112M	200	195	189	45	190	390	135	550	-	820	360	320	4-φ15	50	3	933	265																		
	5.5												132S	239	241	212	61			140	580	-	860				51		1018	282																		
	7.5												132M	258	267	212	73			150	600	-	900				60		1063	303																		
	11												160M	323	291	255	103		410	160	660	-	980	370	330	4-φ19	63		1152	336																		
	15												160L	345	329	255	130			170	690	-	1030				66		1212	366																		
													18.5	180M	351.5	331.5	270			165	170	700	-	1040	400		360		67	1221	402																	
	125X100CBK												7.5	125	100	245	370			345	370	280	230	180	200		240		132M	258	267	212	73	210	465	160	660	-	980	400	360	4-φ19	69	3	1143	382		
11		160M	323	291	255	103	175	710	-	1060	74	1232	417																																			
15		160L	345	329	255	130	185	740	-	1110	77	1292	447																																			
18.5												180M	351.5					331.5	270							165		190	770	-	1150	79	1336			499												
												22	200L					395.5	376.5							300		238	200	800	-	1200	99			1391	577											
30		225S	432	388	327	298	485	820	-	1220	500	450	4-φ24					103	4							1439		641																				
37		225S	432	388	327	298																																										
150X100CBJ	4	150	100	203	328	340	310	280	200	175	185	170	112M	200	195	189	45	170	440	135	540	-	810	330	290	4-φ15	49	3	928	264																		
	5.5												132S	239	241	212	61			140	580	-	860				51		1013	282																		
	7.5												132M	258	267	212	73			150	600	-	900				59		1058	302																		
	11												160M	323	291	255	103		460	160	660	-	980	370	330	4-φ19	65		1147	338																		
													160L	345	329	255	130																															
150X100CBK	15	150	100	272	403	380	415	305	255	180	230	310	160L	345	329	255	130	235	500	195	780	-	1170	440	400	4-φ19	86	3	1352	526																		
	18.5												180M	351.5	331.5	270	165			200	810	-	1210				104		1396	594																		
	22												200L	395.5	376.5	300	238			210	840	-	1260		500	450	4-φ24		109	1451	657																	
	30												225S	432	388	327	298		210	860	-	1280	113	1499					721																			
	37												225M	444.5	400.5	327	322		215	880	-	1310	115	1524					747																			
	45												250M	482.5	434.5	373	410		225	920	-	1370	560	510	127		1596		847																			
	55												280S	514	462	413	555		235	950	-	1420	620	570	145		1655		1010																			
75																																																
150X125CBH	4	150	125	210	335	360	330	290	180	185	175	170	112M	200	195	189	45	210	480	140	580	-	860	400	360	4-φ19	66	3	943	281																		
	5.5												132S	239	241	212	61			150	600	-	900				67		1028	298																		
	7.5												132M	258	267	212	73			155	630	-	940				70		1073	313																		
	11												160M	323	291	255	103			490	160	660	-				980		400	360	4-φ19	71	1128	344														
15													160L	345	329	255	130	175	710		-	1060	76	1217	379																							
150X125CBJ	11	150	125	234	366	370	340	315	224	205	205	200	160L	345	329	255	130	210	490	185	740	-	1110	400	360	4-φ19	79	3	1277	409																		
	18.5												180M	351.5	331.5	270	165			190	770	-	1150				81		1321	461																		
	22												180L	370.5	347.5	270	180			190	770	-	1150				81		1321	461																		
	22												200L	395.5	376.5	300	238			210	840	-	1260				490		440	4-φ24	118	3	1427	728														
													30	225S	432	388	327			298	215	870	-				1300		124	1482	792																	
200X100CBK	37	200	100	285	421	430	465	350	275	185	255	430	225S	432	388	327	298	260	570	220	880	-	1320	500	450	4-φ24	125	4	1530	853																		
	45												225M	444.5	400.5	327	322			225	900	-	1350				128		1555	880																		
	55												250M	482.5	434.5	373	410			235	940	-	1410				140		1627	980																		
	75												280S	514	462	555	240			980	-	1460	162				1686		1147																			
	90												280M	539.5	487.5	413	610			250	1020	-	1520				168		1737	1208																		
	110												315S	589	554	482	750			260	1050	-	1570				700		640	4-φ26	227	1853	1407															
	200X125CBH												5.5	200	125	222	349			385	340	265	215				200		200	190	132S	239	241	212	61	210	505	150	620	-	920	400	360	4-φ19	69	3	1053	320
													7.5																		132M	258	267	212	73			160	640	-	960				72		1098	335
													11																		160M	323	291	255	103			170	700	-	1040				77		1187	370
													15																		160L	345	329	255	130			180	730	-	1090				80		1247	400
													22																		160L	345	329	255	130			525	180	730	-				1090		400	360
18.5	180M	351.5	331.5	270	165	195	760	-	1130	84	1291	504																																				
200X125CBJ	22	200	125	222	349	405	400	280	240	210	230	240	180L	370.5	347.5	270	180	210	545	185	790	-	1180	440	400	4-φ24	91	4	1346	569																		
	30												200L	395.5	376.5	300	238			200	800	-	1200				112		1394	650																		
	37												225S	432	388	327	298			215	860	-	1290				122		1504	824																		
	45												225M	444.5	400.5	327	322			225	910	-	1360				560		510	135	1576	925																
200X150CBG	7.5	200	150	255	350	370	330	285	205	185	185	210	132M	258	267	212	73	235	490	160	660	-	980	440	400	4-φ19	76	3	1133	359																		
	11												160M	323	291	255	103			175	720	-	1070				81		1222	394																		
	15												160L	345	329	255	130			185	740	-	1110				84		1282	424																		
	22												160M	323	291	255	103			515	175	720	-				1070		440	400	4-φ19	83	3	1212	446													
													18.5	180M	351.5	331.5	270				165	185	750				-					1120	86	1272	477													
200X150CBH	22	200	150	243	353	395	380	260	240	210	220	260	180M	351.5	331.5	270	180	235	515	190	780	-	1160	440	400	4-φ19	89	3	1316	529																		
	30												180L	370.5	347.5	270	180			200	800	-	1200				110		1376	670																		
	37												200L	395.5	376.5	300	238			205	830	-	1240				115		1431	733																		
	45												225S	432	388	327	298			210	850	-	1270				120		1479	798																		
	55												225M	444.5	400.5	327	322			215	860	-	1290				122		1504	824																		
200X150CBJ	7.5	200	150	266	390	425	405	390	275	230	260	380	250M	482.5	434.5	373	410	235	565	225	910	-	1360	560	510	4-φ24	135	4	1576	925																		
	11												280S	514	462	413	555			235	940	-	1410				620		570	156	1635	1091																
	15																																															
	22												200L	395.5	376.5	300	238			210	850	-	1270				120		1479	798																		
													30	225S	432	388	327			298	215	860	-				1290		122	1504	824																	

DIMENSIONS - PUMP WITH MOTOR

units:mm

Model	Motor	Size		Pump									Motor					Common Base												Total																
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)																
200X200CBF	5.5	200	200	245	340	385	380	320	210	200	200	230	132S	239	241	212	61	235	505	155	620	-	930					74		1068	365															
	7.5												132M	258	267	212	73			160	650	-	970	440	400	4-φ19	77	3	1113	380																
	11												160M	323	291	255	103			175	710	-	1060					82		1202	415															
250X150CBH	18.5	250	150	272	408	460	425	290	264	230	250	340	180M	351.5	331.5	270	165	260	600	200	800	-	1200	490	440	4-φ24	118	3	1366	623																
	22												180L	370.5	347.5	270	180			205	830	-	1240								122	1401	642													
	30												200L	395.5	376.5	300	238			215	860	-	1290								128	1456	706													
	37												225S	432	388		298				880	-	1310	500	450			129	4	1504	767															
	45												225M	444.5	400.5	327	322			220	900	-	1340					132		1529	794															
250X150CBJ	45	250	150	294	451	480	450	440	310	250	290	470	225M	444.5	400.5	327	322	260	620	230	920	-	1380	500	450	4-φ24	136	4	1594	928																
	55												250M	482.5	434.5	373	410			240	960	-	1440	560	510				150	1666	1030															
	75												280S	514	462		555			245	1000	-	1490						175	1725	1200															
	90												280M	539.5	487.5	413	610			255	1040	-	1550	620	560		225	1776	1305																	
	110												315S	589	554	482	750			265	1070	-	1600	700	640	4-φ26	243	1892	1463																	
250X150CBK	37	250	150	345	520	480	520	390	310	205	285	630	225S	432	388	327	298	295	620	240	980	-	1460	560	510	4-φ24	145	4	1689	1073																
	45												225M	444.5	400.5		322			245	990	-	1480								148	1714	1100													
	55												250M	482.5	434.5	373	410			255	1040	-	1550								157	1786	1197													
	75												280S	514	462	413	555			265	1070	-	1600	620	560				227	1845	1412															
	90												280M	539.5	487.5	610	275			1100	-	1650					234		1896	1474																
	110												315S	589	554		750			285	1140	-	1710	700	640		4-φ26		265	2012	1645															
	132												315M			482	875					-								272		1777														
	160															960						-								273	2192	1863														
	185												315L	614.5	708.5		1070			300	1220	-		1820								1973														
250X200CBF	11	250	200	275	390	450	395	315	243	225	225	320	160M	323	291		103	260	570	185	760	-	1130	490	450	4-φ19		95	3	1282	518															
	15												160L	345	329		130			195	790	-	1180			440		4-φ24		116		1342	566													
250X200CBGX	15	250	200	270	385	435	370	300	225	210	210	270	160L	345	329	255	130	260	575	195	780	-	1170	490	440	4-φ24		114	3	1332	514															
	18.5												180M	351.5	331.5		165				790	-	1180									118	1376	568												
	22												180L	370.5	347.5		180			200	820	-	1220										118	1376	568											
250X200CBGY	22	250	200	290	415	475	415	340	250	235	235	340	180L	370.5	347.5		180	295	615	210	860	-	1280	560	510	4-φ24	133	3	1426	653																
	30												200L	395.5	376.5	300	238			220	890	-	1330								139	1481	717													
	37												225S	432	388		298			225	900	-	1350								141	1529	779													
	45												225M	444.5	400.5	327	322			230	920	-	1380								144	1554	806													
250X200CBH	30	250	200	285	421	505	475	350	280	260	280	470	200L	395.5	376.5	300	238	295	645	220	890	-	1330	560	510	4-φ24	144	4	1481	852																
	37												225S	432	388		298			225	910	-	1360								146	1529	914													
	45												225M	444.5	400.5	327	322			230	920	-	1380								149	1554	941													
	55												250M	482.5	434.5	373	410			240	970	-	1450								159	1626	1039													
	75												280S	514	462	413	555			250	1000	-	1500				620		570		186	1685	1211													
300X150CBK	75	300	150	350	535	485	600	440	345	235	320	860	280S	514	462	413	555	295	665	265	1080	-	1610	620	560	4-φ26	229	4	1865	1644																
	90												280M	539.5	487.5		610			275	1120	-	1670								236	1916	1706													
	110												315S	589	554		750			285	1150	-	1720								267	2032	1877													
	132												315M				875					-								274	2009															
	160															482	960					-		1830	700		640				2095															
	185												315L	614.5	708.5		1070			305	1220	-																								
	200																1080					-								2215																
	220																			1630			-							2808																
	250																			1640			-							2818																
	280																			1690			-							2868																
	315																			1790			-							2968																
	355*1												*1																																	
	300X200CBG												45	300	200	310	460			525	465	355	270	260	265		580		225M	444.5	400.5	327	322	295	645	240	950	-	1430	560	530	4-φ19	151	4	1619	1077
													55																250M	482.5	434.5	373	410			260	980	490	1500							155
75		280S	514	462	413	555		1030	515	1550	610	580	6-φ19					165								1750		1340																		
300X200CBH	55	300	200	310	490	560	535	405	320	295	315	690	250M	482.5	434.5	373	410	295	740	250	1020	-	1520	560	510	4-φ24	171	4	1721	1271																
	75												280S	514	462		555			260	1050	-	1570				246		1780	1491																
	90												280M	539.5	487.5	413	610			270	1080	-	1620	620	560	4-φ26	254		1831	1554																
	110												315S	589	554		750			280	1120	-	1680						273	1947	1713															
	132												315M	614.5	708.5	482	875			295	1200	-	1790	700	640				296	2127	1861															
300X200CBJX	75	300	200	321	480	545	505	495	336	280	320	720	280S	514	462	413	555	295	725	260	1040	-	1560	620	560	4-φ26	243	4	1781	1518																
	90												280M	539.5	487.5		610			265	1080	-	1610								251	1832	1581													
	110												315S	589	554		750			275	1120	-	1670								270	1948	1740													
	132												315M				875					-					293			1888																
	160															482	960					-		1780	700		640				2128	1974														
	185												315L	614.5	708.5		1070					-							294		2084															
	132																				875								294		2044															
300X200CBJY	160	300	200	349	526	565	565	550	374	315	360	870	315L	614.5	708.5	482	960	295	745	300	1220	-		700	640	4-φ26	300	4	2202	2130																
	185																1070					-									2240															
	200																1080					-									2250															
	220																			1630			-								2847															
	250																			1640			-								2857															
	280																			1690			-								2907															
	315																			1790			-								3007															
	355*1												*1																																	

DIMENSIONS - PUMP WITH MOTOR

units:mm																																																					
Model	Motor		Size		Pump								Motor					Common Base										Total																									
	kW	Ds	Dd	A	B	C	E	F	G	H	I	Wt (KG)	Frame	MR	MA	Hm	Wt (KG)	BJ	BC	BN	BM	BM1	BL	BW	BY	n-fd	Wt (KG)	T	L	Wt (KG)																							
300X250CBFX	18.5	300	250	280	415	505	445	350	265	255	255	480	180M	351.5	331.5	270	165	295	645	205	840	-	1250	560	510	4-φ24	133	3	1381	778																							
	22												180L	370.5	347.5	180	137					1416	797																														
	30												200L	395.5	376.5	300	238					144	4				1471	862																									
300X250CBFY	30	300	250	335	460	520	495	355	300	275	285	590	200L	395.5	376.5	300	238	295	665	225	920	-	1370	560	510	4-φ24	154	1571	982																								
	37												225S	432	388	327	298					156	1619				1044																										
	45												225M	444.5	400.5	322	235					950	-				1420	159	1644	1071																							
	55												250M	482.5	434.5	373	410					170	1716				1170																										
300X250CBG	75	300	250	370	525	600	560	450	305	307	300	780	280S	514	462	413	555	330	745	280	1080	-	1640	740	700	4-φ24	214	1875	1589																								
	90												280M	539.5	487.5	610	290					1110	-				1690	217	1926	1655																							
	110												315S	589	554	482	750					300	1145				-	1745	220	2042	1800																						
	132												315M	614.5	708.5	482	875					310	1230				-	1850	226	2222	1931																						
300X250CBH	110	300	250	350	535	625	600	450	355	340	355	860	315S	589	554	482	750	330	810	290	1180	-	1760	740	680	4-φ26	347	2032	1957																								
	132												315M	875	-		358					2093																															
	160												315L	614.5	708.5		960					1070	1080				310	1250	1870	740	680	4-φ26	359	2212	2179																		
	185																																			355M	704	816	646	1630	195	1640	820	2030	830	770	6-φ26	410	5	2410	2900		
	200																																																			-	2045
	220																																																			-	2148
350X250CBG	132	350	250	390	570	585	585	440	340	270	335	890	315L	614.5	708.5	482	1070	330	730	330	1260	-	1920	740	700	4-φ24	230	4	2287	2148																							
	160												1080	-	2258																																						
	185												355M	704	816	646	1630					770	350				1390	695	2090	810	740	6-φ26	409	5	2485	3033																	
	200												-	2045																																							
	220												-	2148																																							
	220												-	2268																																							
350X250CBH	185	350	250	365	555	665	675	500	395	270	395	1180	315L	614.5	708.5	482	1070	420	850	330	1320	-	1980	840	780	4-φ26	401	4	2247	2651																							
	200												1080	-	2661																																						
	220												355M	704	816	646	1630					890	210				1720	860	2140	770	6-φ28	523	5	2445	3333																		
	250												1640	3343																																							
	280												1690	3393																																							
	315												1790	3493																																							
	355*1												*1																																								
	400*1												*1																																								
	350X250CBJ												220	350	250	395	621					645	635				615	420	335	405	1240	355M	704	816	646	1630	370	870	215	1720	860	2150	830	760	6-φ28	525	5	2540	3395				
													250																			1640				3405																	
280		1690	3455																																																		
315		1790	3555																																																		
355*1		*1																																																			
400*1		*1																																																			
450*1		*1																																																			
500*1		*1																																																			
350X300CBF	55	350	300	360	510	600	560	450	330	275	320	830	250M	482.5	434.5	373	410	330	745	270	1055	-	1595	740	700	4-φ24	216	1791	1496																								
	75												280S	514	462	555	219					4	1850				1644																										
	90												280M	539.5	487.5	413	610					222	1901				1710																										
	110												355M	704	816	646	1630					890	210				1720	860	2140	770	6-φ28	523	5	2445	3333																		
400X300CBG	220	400	300	440	630	625	660	510	380	310	375	1400	355M	704	816	646	1630	425	810	390	1555	777.5	2335	810	740	6-φ26	431	5	2595	3565																							
	250												1640				3575																																				
	280												1690				3625																																				
	315												1790				3725																																				
	355*1												*1																																								
400X300CBH	315	400	300	450	685	715	755	515	445	320	445	1670	355L	704	816	646	1790	420	940	225	1820	910	2270	840	770	6-φ28	576	5	2660	4036																							
	355*1												*1																																								
	400*1												*1																																								
	450*1												*1																																								
	500*1												*1																																								
	630*1												*1																																								
400X300CBJX	800*1	400	300	559	756	725	710	690	470	380	455	1940	*1																																								
	400*1												*1																																								
	450*1												*1																																								
	500*1												*1																																								
	630*1												*1																																								
400X350CBF	90	400	350	420	575	645	625	510	370	321	360	1050	280M	539.5	487.5	413	610	375	790	300	1185	-	1785	750	710	4-φ24	224	2026	1932																								
	110												315S	589	554	482	750					227	2142				2077																										
	132												315M	614.5	708.5	960	330					1285	-				1945	233	2322	2311																							
	160												315L	614.5	708.5	960	330					1285	-				1945	233	2322	2311																							
	185												315L	614.5	708.5	482	960					360	1425				712.5	2145	850	780	6-φ26	424	4	2442	3002																		
400X400CBF	200	400	400	470	645	725	690	505	410	380	405	1550	355M	704	816	646	1630	455	915	390	1530	765	2310	850	780	6-φ26	439	5	2640	3723																							
	220												1070				3733																																				
	250												1080				3783																																				
	280												1630				3883																																				
	315												1640	3933																																							
	315												1690	3983																																							