



EBARA

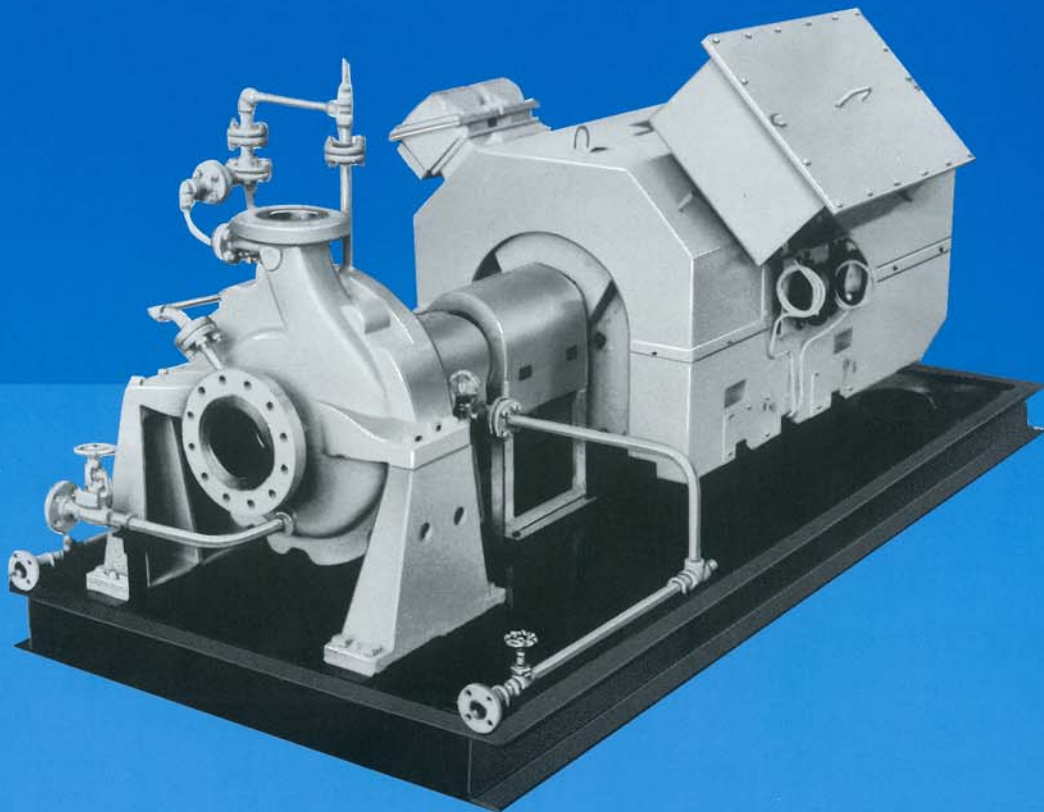
PROCESS PUMP

Single Stage, Single Suction, Centerline Supported

CSI310EJ

Model

UCW



PROCESS PUMP

Single Stage, Single Suction, Centerline Supported

Model
UCW

API 610 **Beo**[®]

EBARA MODEL UCW PROCESS PUMPS of single stage, single suction, centerline supported, horizontal design have been widely used in petroleum refineries, the petrochemical industry and other chemical industries for the past few

years. Many improvements have been recently made on this pump to enhance its performance. Our modern tape controlled machines in conjunction with advanced quality control procedures insure that these pumps meet our high

manufacturing standards. Unique design of this high performance pump provides for superior and extended low-cost operation.

Applications

- Petroleum Refineries
- The Petrochemical Industry
- Other Chemical Industries

Ratings

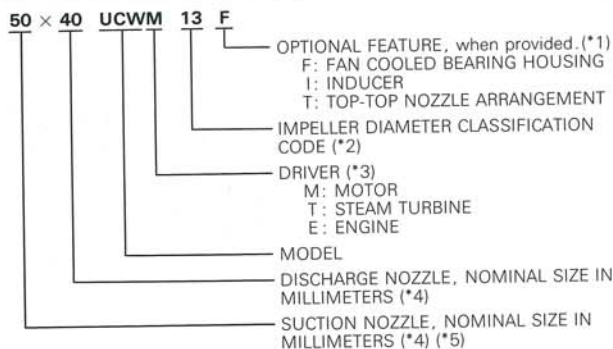
Capacities	To 1920m ³ /h(8450 USGPM)*
Heads	To 380 m (1250 ft)*
Max. working pressures	Consistant with the pressure ratings of ANSI Class 300 flanges as a standard. Higher pressure ratings are available.
Rotation	Clockwise viewed from coupling end
Impeller	Enclosed
Temperatures	-100°C to 450°C (-150°F to 850°F)*
Flanges	ANSI Class 300 as standard
Nozzles	End-Top/Top-Top
Stuffing box	Suitable for conventional packing & mechanical seal

*These values in parenthesis () are reference only.

Features

- Centerline supported heavy duty design.
- Back pull-out casing.
- Full compliance with API 610 specifications.
- All components have been designed for maximum parts interchangeability.
- Flexibility of design handles wide range of liquids.
- All sizes stocked for fast shipment.
- Low NPSH performance.

Designations



Notes:

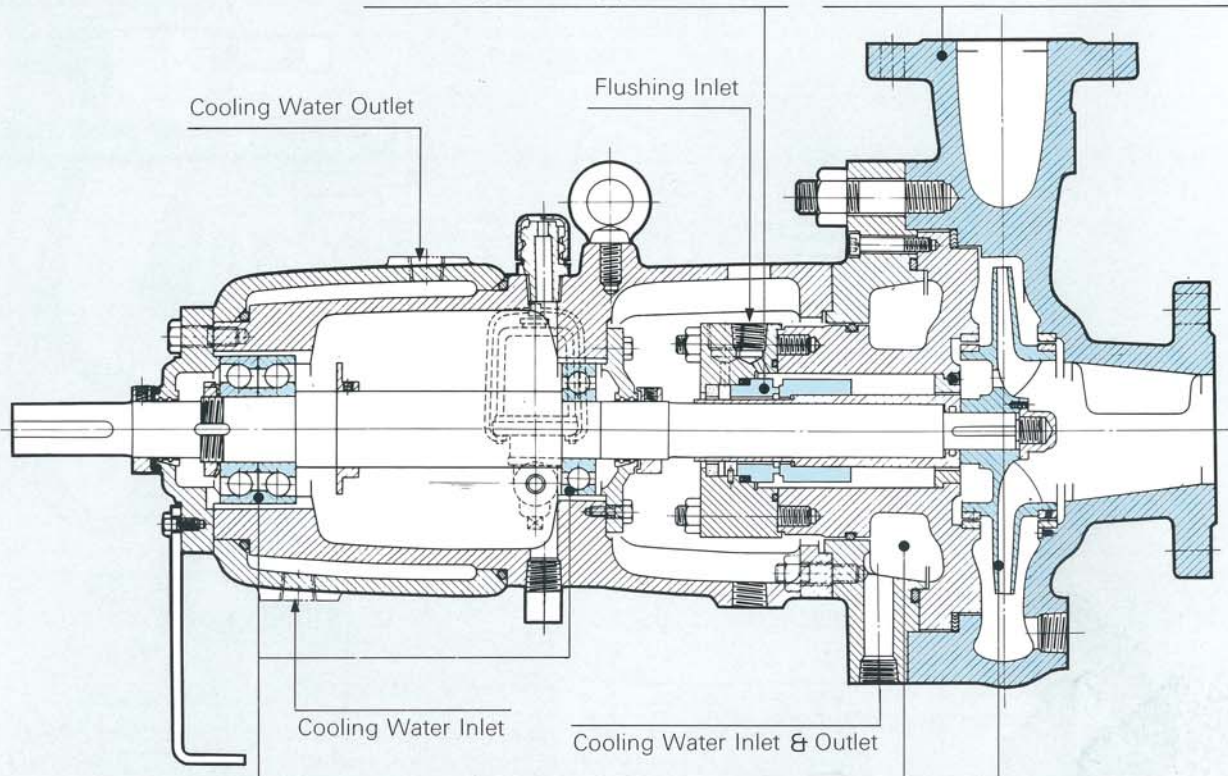
- (*1) When two features are involved, the codes are in alphabetical order.
- (*2) The letters "Y" and "Z" following the impeller diameter classification code indicate different casing and impeller designs. To give an example, 150×100 UCWM 40, 150×100 UCWM 40Y and 150×100 UCWM 40Z have different casing and impeller designs from one another.
- (*3) When a step up or step down gear is provided, the code letter "G" is added between model and driver. For example, 150×100 UCWGM means that the pump is driven by an electric motor through a separate gear.
- (*4) When suction and discharge nozzles are identical, they shall not be duplicated, i.e. 200 UCWM 20 is the correct designation in lieu of 200×200 UCWM 20.
- (*5) When an inducer is provided a larger size nozzle is employed.

Construction

End-Top

Shaft Sealing: Mechanical seals are available from any mechanical seal maker. Alternately, a deep ring stuffing box with six rings of packing plus one lantern ring can be supplied.

Casing: The volute type casing is designed to maintain high efficiency over long periods of wear. The top centerline discharge connection makes the pump self venting.



Bearings: Bearing housings are provided with single-row radial and dual single-row, back to back, angular contact thrust bearings. Standard lubrication system is an integral splash type with an oil flinger. Housing seals permit all weather operation.

Water Cooled Stuffing Box: A separate jacket type is illustrated. An integrated jacket type is also available.

Impeller: Enclosed impellers are designed for maximum efficiency and minimum required NPSH over a wide range of capacities. Balance holes minimize axial thrust. An inducer is available as an option.

Metallurgy

Part Name	Materials JIS / ASTM-AISI				
	C. Steel	C. Steel	12% Cr. Steel	304 S. Steel	316 S. Steel
Casing	SCPH2/A216WCB	SCPL1/A352LCB	SCS1/A487CA6NM	SCS13A/A743CF8	SCS14A/A743CF8M
Impeller	FC200/A48, CL. 30	SCS13A/A743CF8	SCS1/A487CA6NM	SCS13A/A743CF8	SCS14A/A743CF8M
Impeller Wear Ring	SUS420J2/AISI420	SUS304/AISI304	SUS420J2/AISI420	SUS304/AISI304	SUS316/AISI316
Shaft	S35C/AISI1035	SUS304/AISI304	SUS420J1/AISI420	SUS304/AISI304	SUS316/AISI316
Case Wear Ring	FCD400/A536	SUS304/AISI304	SUS420J1/AISI420	SUS304/AISI304	SUS316/AISI316
Packing Sleeve	SUS420J2/AISI420	SUS304/AISI304	SUS420J2/AISI420	SUS304/AISI304	SUS316/AISI316
Mechanical Seal Sleeve	SUS420J2/AISI420	SUS304/AISI304	SUS420J2/AISI420	SUS304/AISI304	SUS316/AISI316

Notes: Following materials supplied on request: 304L S. Steel, 329J1 S. Steel, Hastelloy, 20 Alloy, Monel.

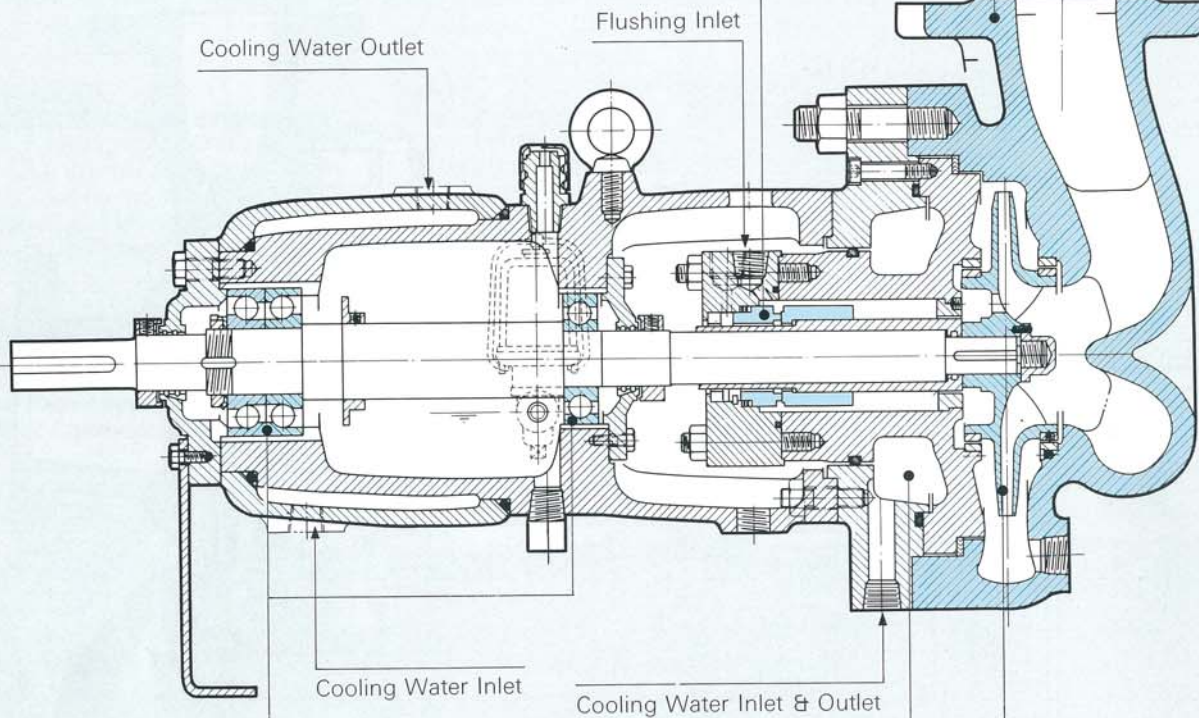
Standard Materials
 Optional Materials

Construction

Top-Top

Shaft Sealing: Mechanical seals are available from any mechanical seal maker. Alternately a deep ring stuffing box with six rings of packing plus one lantern ring can be supplied.

Casing: The volute type casing is designed to maintain high efficiency over long periods of wear.



Bearings: Bearing housings are provided with single-row radial and dual single-row, back to back, angular contact thrust bearings. Standard lubrication system is an integral splash type with an oil flinger. Housing seals permit all weather operation.

Water Cooled Stuffing Box: A separate jacket type is illustrated. An integrated jacket type is also available.

Impeller: Enclosed impellers are designed for maximum efficiency and minimum required NPSH over a wide range of capacities. Balance holes minimize axial thrust. An inducer is available as an option.

Metallurgy

Part Name	Materials JIS/ASTM-AISI				
	C. Steel	C. Steel	12% Cr. Steel	304 S. Steel	316 S. Steel
Casing	SCPH2/A216WCB	SCPL1/A352LCB	SCS1/A487CA6NM	SCS13A/A743CF8	SCS14A/A743CF8M
Impeller	FC200/A48, CL.30	SCS13A/A743CF8	SCS1/A487CA6NM	SCS13A/A743CF8	SCS14A/A743CF8M
Impeller Wear Ring	SUS420J2/AISI420	SUS304/AISI304	SUS420J2/AISI420	SUS304/AISI304	SUS316/AISI316
Shaft	S35C/AISI1035	SUS304/AISI304	SUS420J1/AISI420	SUS304/AISI304	SUS316/AISI316
Case Wear Ring	FCD400/A536	SUS304/AISI304	SUS420J1/AISI420	SUS304/AISI304	SUS316/AISI316
Packing Sleeve	SUS420J2/AISI420	SUS304/AISI304	SUS420J2/AISI420	SUS304/AISI304	SUS316/AISI316
Mechanical Seal Sleeve	SUS420J2/AISI420	SUS304/AISI304	SUS420J2/AISI420	SUS304/AISI304	SUS316/AISI316

Notes: Following materials supplied on request: 304L S. Steel, 329J1S. Steel, Hastelloy, 20 Alloy, Monel.

Standard Materials
Optional Materials

Optional Features

In order to accommodate your requests, the following features are available.

Inducer Arrangement

Oil Ring Lubricated Bearings

Oil Mist Lubricated Bearings

Water Cooled Bearing Housing / Separate Jacket Type

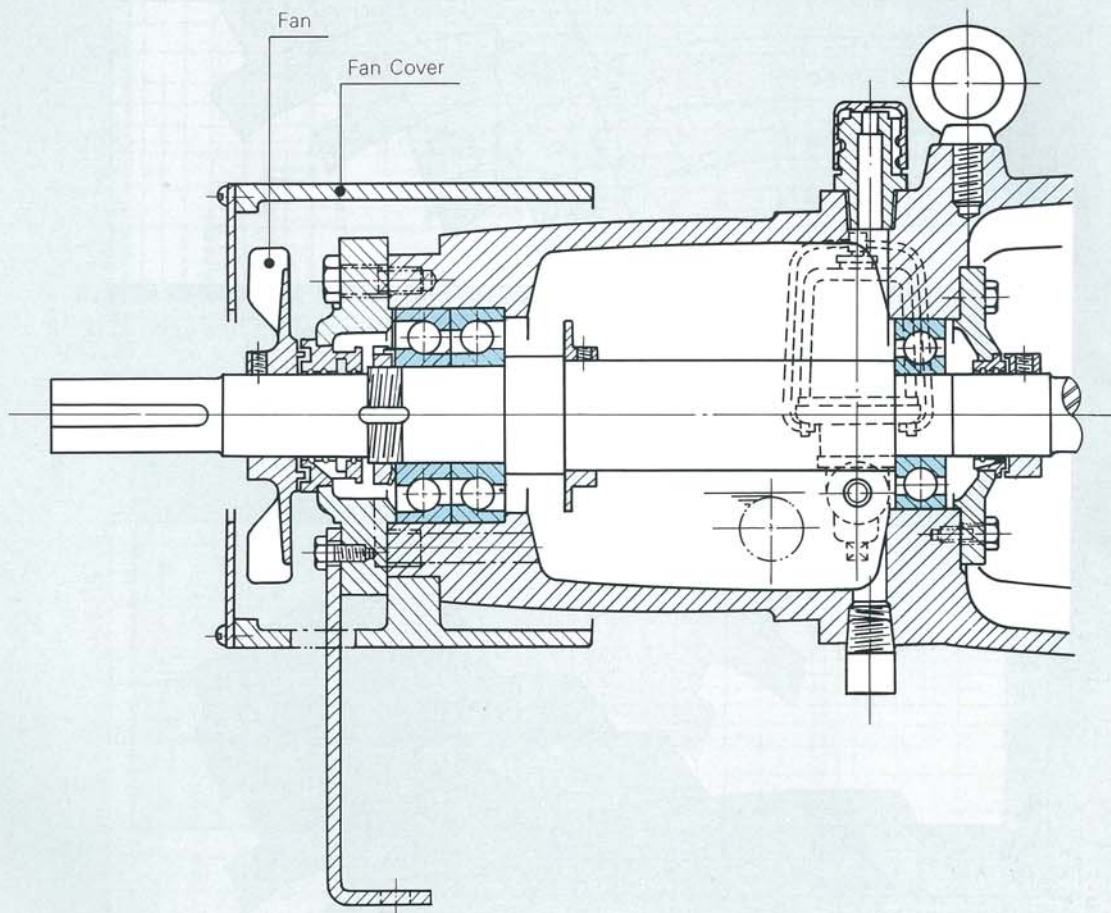
Water Cooled Bearing Housing / Integrated Jacket Type

Fan Cooled Bearing Housing

Water Cooled Stuffing Box / Separate Jacket Type

Water Cooled Stuffing Box / Integrated Jacket Type

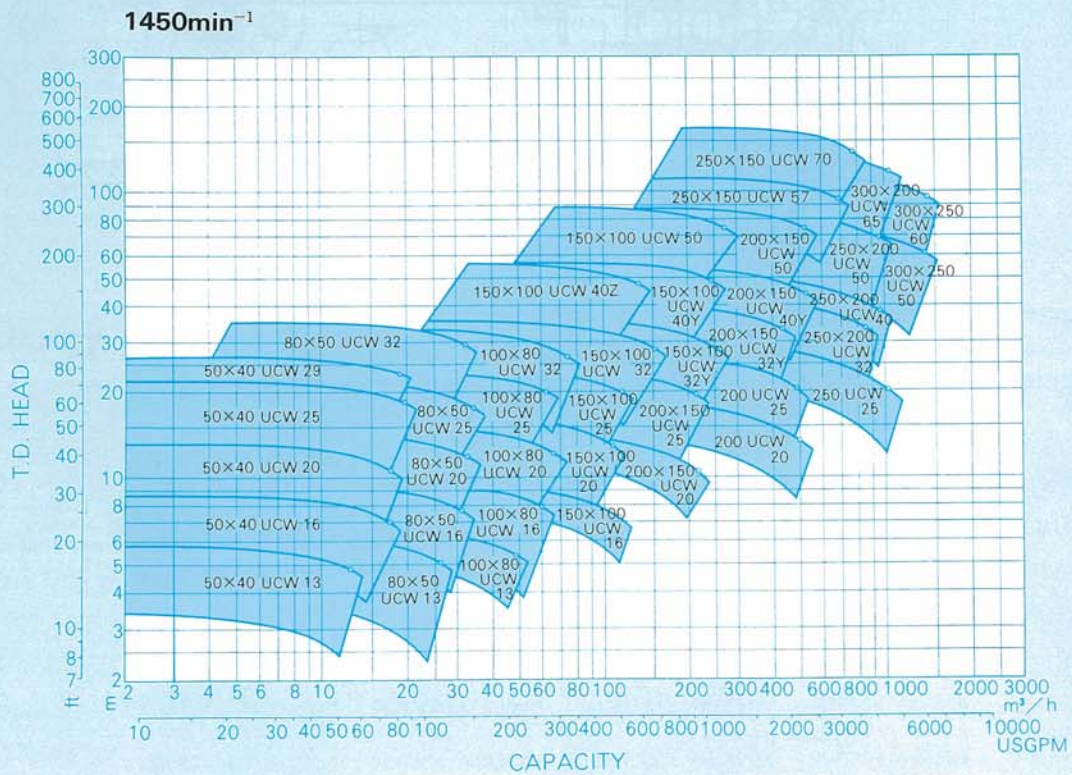
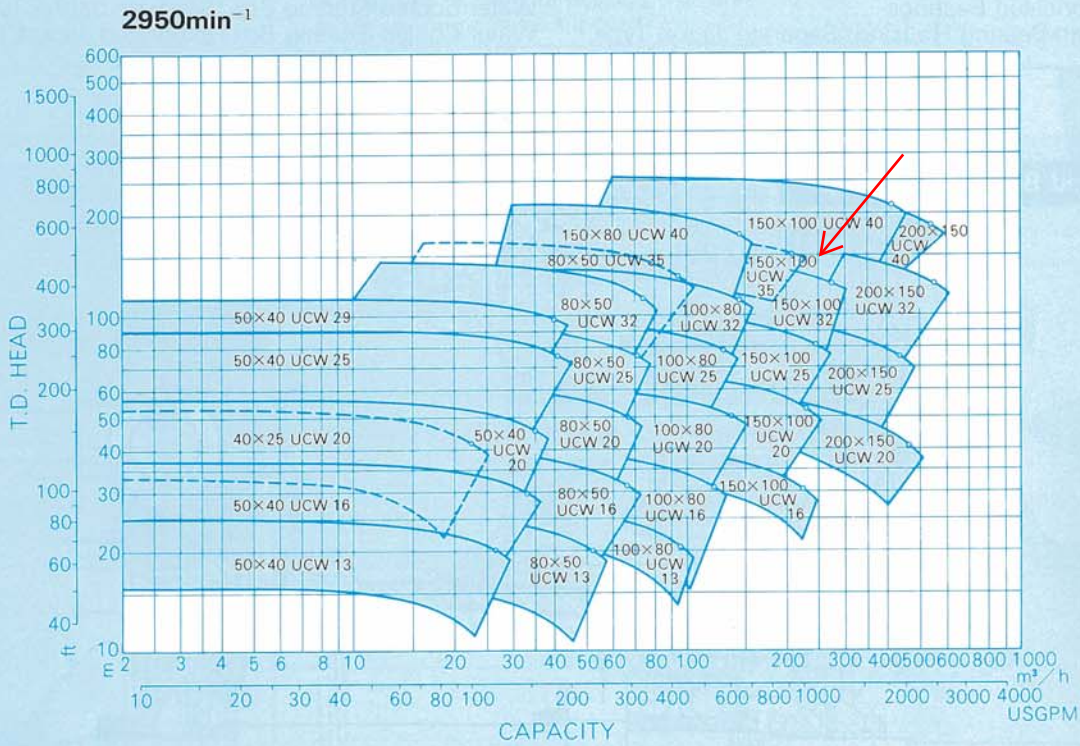
Fan Cooled Bearing Housings



- The fan cooling system can be installed on both end-top and top-top nozzle pumps.
- The fan cooling system improves the operating temperature of the pump under severe conditions, without use of water.

Performance Ranges

50 Hz

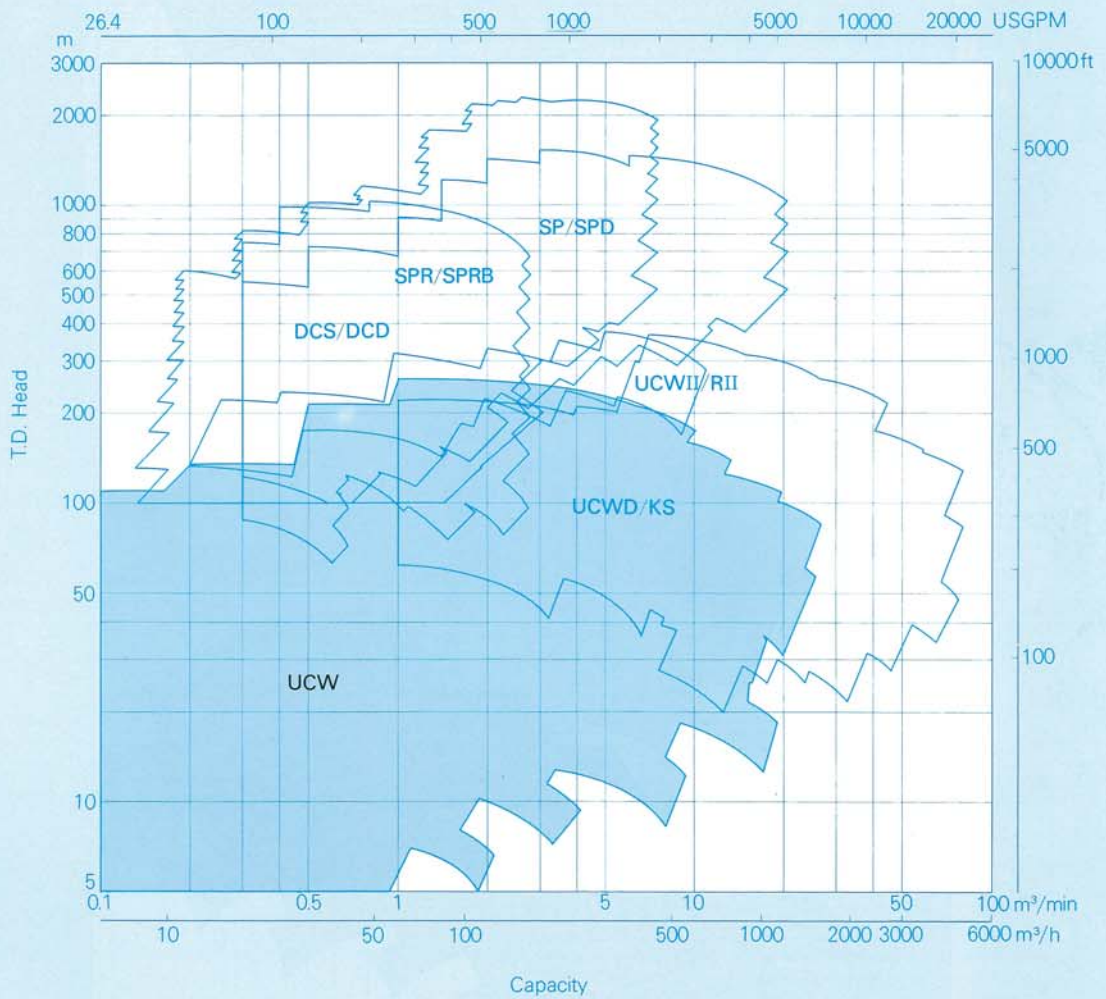


This selection chart is prepared for preliminary selection. Refer to individual performance curves for final selection. O denotes B.E.P. of the performance with an impeller of maximum diameter.

Performance Ranges

50Hz

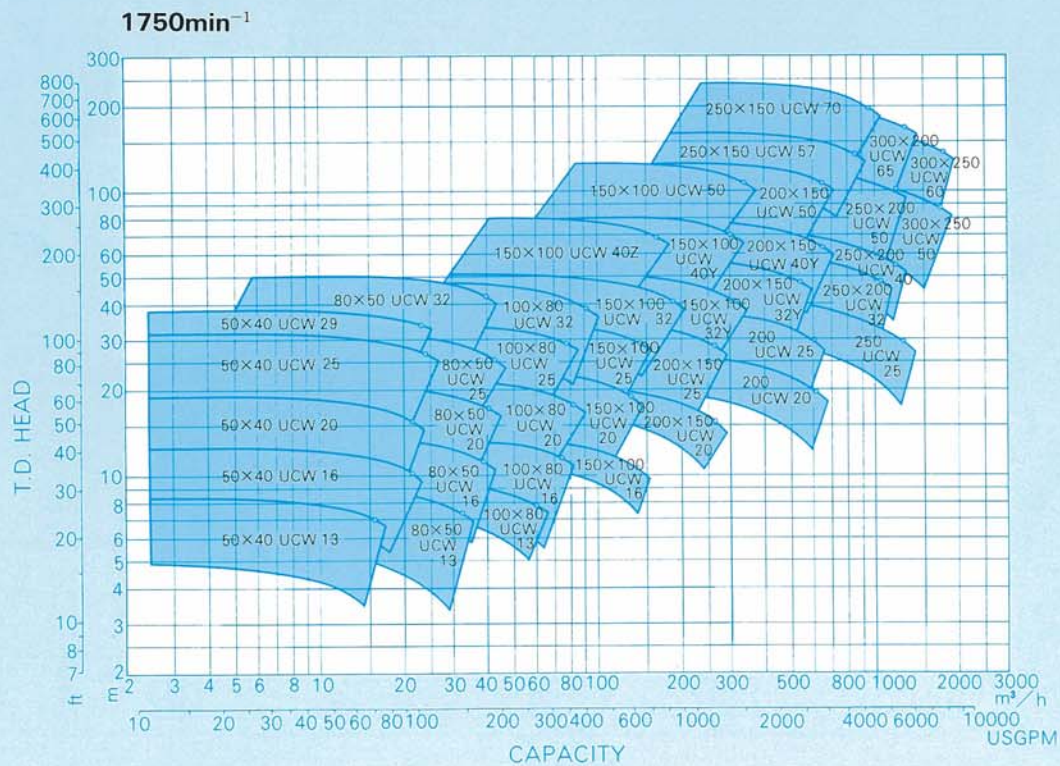
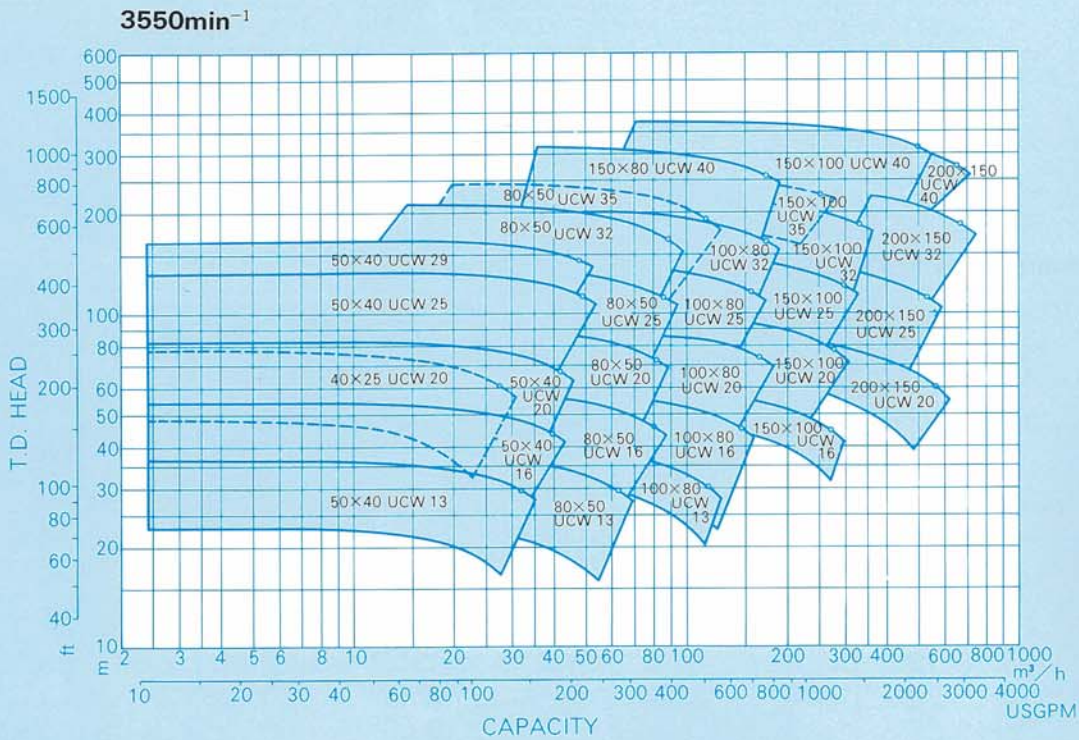
General Process Pumps



Performance ranges shown on these charts are for preliminary selection only.

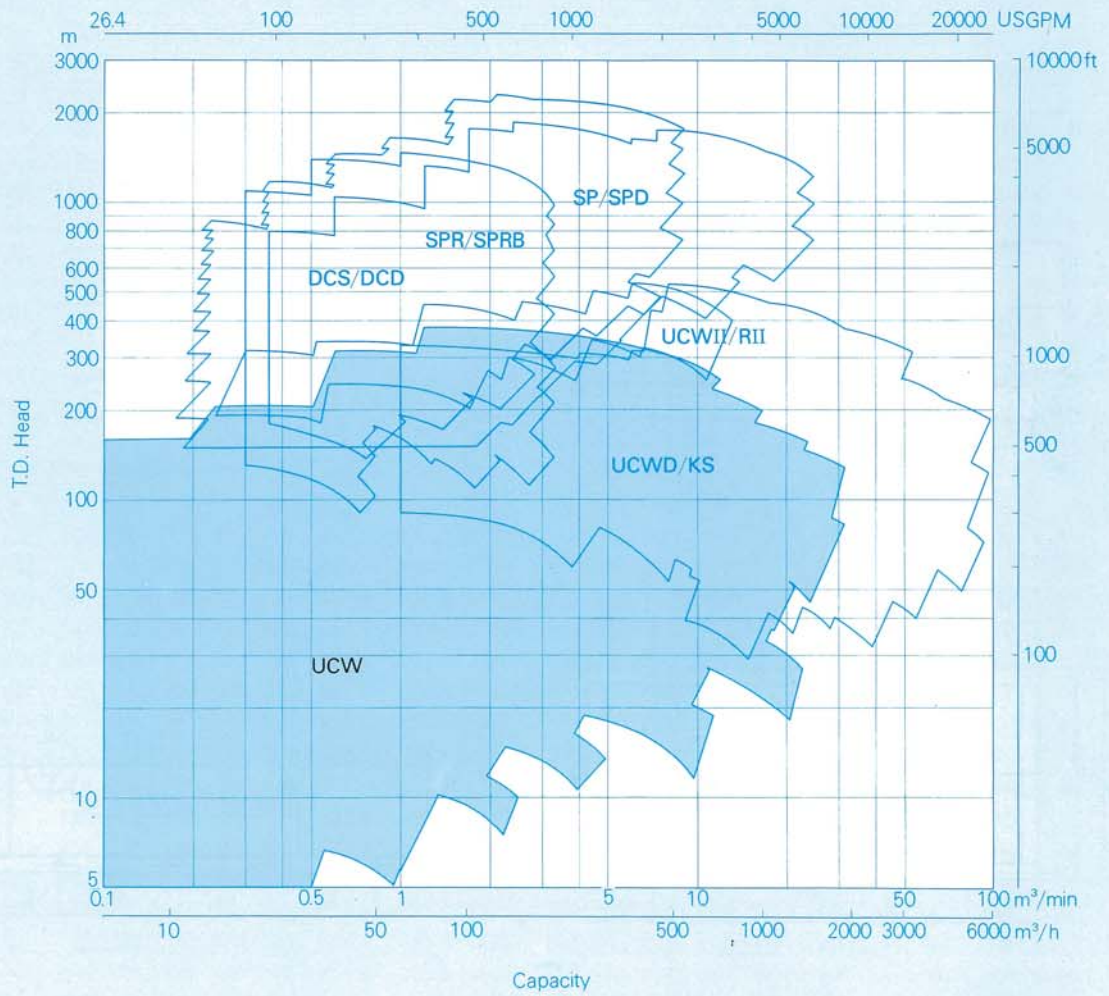
Performance Ranges

60Hz



This selection chart is prepared for preliminary selection. Refer to Individual performance curves for final selection. O denotes B.E.P. of the performance with an impeller of maximum diameter.

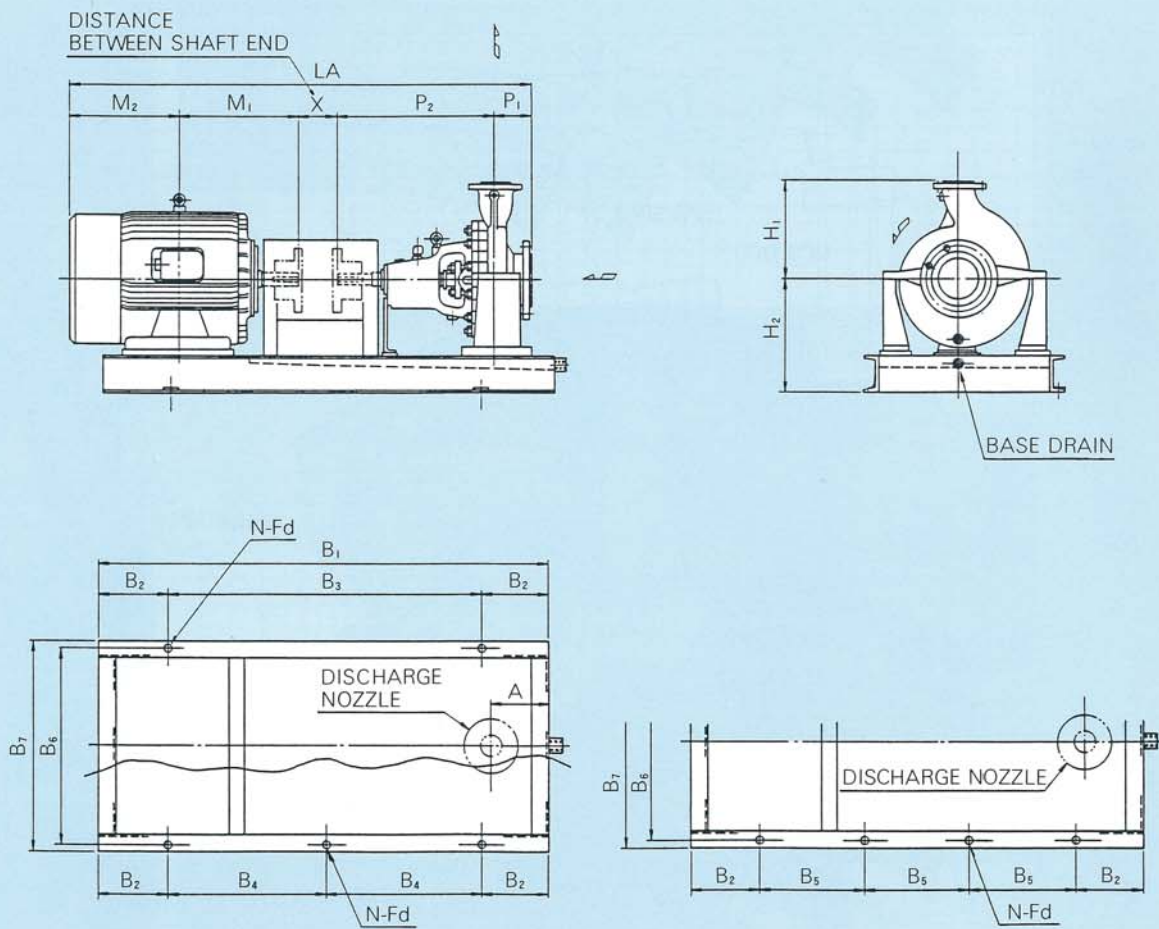
General Process Pumps



Performance ranges shown on these charts are for preliminary selection only.

Dimensions

End-Top



Dimensions

End-Top

MOTOR		PUMP AND MOTOR (mm)								BASE PLATE (mm)										WEIGHT(kg)	
PUMP SIZE	KW	P ₁	P ₂	H ₁	H ₂	M ₁	M ₂	LA	X	A	B ₁	B ₂	B ₃	B ₄	B ₅	B ₆	B ₇	N	Fd	PUMP	BASE
40× 25 20	22	120	580	240	341	370.5	531.5	1742	140	160	1460	185	1090	—	—	440	490	4	19	135	140
50× 40 13	22	135	580	240	341	370.5	531.5	1757	140	160	1460	185	1090	—	—	440	490	4	19	139	140
50× 40 16	22	135	580	240	341	370.5	531.5	1757	140	160	1460	185	1090	—	—	440	490	4	19	141	140
50× 40 20	30	135	580	240	341	395.5	600.5	1851	140	165	1510	210	1090	—	—	440	490	4	19	141	165
50× 40 25	55	140	650	275	425	452.5	600.5	1983	140	175	1680	210	1260	—	—	530	590	4	24	210	195
50× 40 29	55	145	650	290	425	452.5	600.5	1988	140	175	1680	210	1260	—	—	530	590	4	24	222	195
80× 50 13	22	140	580	240	341	370.5	574.5	1805	140	160	1460	185	1090	—	—	440	490	4	19	139	140
80× 50 16	22	140	580	240	341	370.5	574.5	1805	140	160	1460	185	1090	—	—	440	490	4	19	139	140
80× 50 20	30	150	580	240	341	395.5	600.5	1866	140	165	1510	210	1090	—	—	440	490	4	19	147	140
80× 50 25	55	145	650	270	425	452.5	600.5	1988	140	175	1680	210	1260	—	—	530	590	4	24	214	195
80× 50 32	110	170	730	310	430	509.5	545.5	2095	140	210	1890	245	1400	—	—	680	740	4	24	345	210
100× 80 13	37	170	650	260	345	402	600.5	1962.5	140	145	1550	115	—	660	—	480	530	6	19	176	110
100× 80 16	37	170	650	260	345	402	600.5	1962.5	140	145	1550	115	—	660	—	480	530	6	19	177	110
100× 80 20	45	165	650	260	370	414.5	814.5	2184	140	145	1580	230	1120	—	—	490	550	4	24	182	135
100× 80 25	90	165	730	300	430	509.5	545.5	2090	140	185	1870	235	1400	—	—	530	640	4	24	281	175
100× 80 32	132	170	730	410	504	554.5	930.5	2525	140	245	2010	105	—	900	—	670	730	6	24	417	255
150× 80 40	132	185	850	470	574	554.5	930.5	2700	180	265	2190	195	—	900	—	880	950	6	26	623	370
150×100 16	55	190	650	295	425	452.5	930.5	2363	140	205	1710	225	1260	—	—	540	600	4	24	224	200
150×100 20	132	185	730	340	470	554.5	930.5	2540	140	185	1950	275	1400	—	—	660	720	4	24	319	250
150×100 25	132	185	730	340	470	554.5	930.5	2540	140	185	1950	275	1400	—	—	660	720	4	24	363	250
150×100 32	132	195	730	450	574	554.5	930.5	2590	180	230	2050	125	—	900	—	880	950	6	26	562	355
150×100 32Y	55	200	730	370	529	452.5	930.5	2493	180	260	1880	230	—	710	—	850	920	6	26	600	330
150×100 40	132	200	850	575	624	554.5	930.5	2735	200	295	2240	220	—	900	—	1020	1090	6	26	774	420
150×100 40Y	90	205	730	420	529	539.5	575	2229.5	180	255	2000	150	—	850	—	890	960	6	26	696	365
150×100 40Z	55	200	730	370	529	452.5	930.5	2493	180	260	1880	230	—	710	—	850	920	6	26	700	330
150×100 50	132	215	850	460	574	614.5	620.5	2480	180	270	2260	230	—	900	—	930	1000	6	26	1090	400
200 20	55	250	765	430	529	482.5	495	2192.5	200	245	1950	275	1400	—	—	850	920	4	26	700	315
200 25	75	220	765	480	529	514	515	2194	180	260	2000	300	1400	—	—	900	970	4	26	765	380
200×150 20	132	220	745	380	529	554.5	930.5	2650	200	260	2100	150	—	900	—	710	780	6	26	404	315
200×150 25	132	220	760	450	529	554.5	930.5	2665	200	260	2120	160	—	900	—	770	840	6	26	512	315
200×150 32	132	220	850	450	529	554.5	930.5	2755	200	260	2210	205	—	900	—	770	840	6	26	559	335
200×150 32Y	132	230	760	480	529	614.5	620.5	2405	180	260	2160	180	—	900	—	910	980	6	26	876	345
200×150 40	132	230	850	525	624	554.5	930.5	2765	200	285	2230	215	—	900	—	930	1000	6	26	834	410
200×150 40Y	132	230	760	480	529	614.5	620.5	2405	180	260	2160	180	—	900	—	910	980	6	26	881	345
200×150 50	132	245	950	580	574	614.5	620.5	2610	180	306	2380	195	—	1000	—	1180	1250	6	26	1510	450
250 25	132	280	785	580	574	614.5	620.5	2500	200	290	2230	215	—	900	—	1190	1260	6	26	860	450
250×200 32	132	255	850	580	574	614.5	620.5	2540	200	290	2300	150	—	1000	—	1140	1210	6	28	1040	450
250×200 40	132	255	850	580	574	614.5	620.5	2540	200	290	2300	150	—	1000	—	1140	1210	6	26	1050	450
250×200 50	110	250	950	650	624	589	575	2554	200	335	2390	195	—	1000	—	1230	1300	6	26	1790	485
250×150 57	140	250	1110	650	300	741	1078	3459	280	370	3040	245	—	—	850	1200	1280	8	28	1900	600
250×150 70	280	270	1200	780	860	874	1271	3915	300	445	3400	275	—	—	950	1350	1440	8	28	2100	850
300×250 50	280	300	1135	700	800	874	1271	3860	280	380	3330	225	—	—	950	1360	1440	8	28	2100	900
300×250 60	450	300	1200	750	815	1095	1593	4480	300	400	3650	355	—	—	980	1360	1440	8	28	2300	1100
300×200 65	350	280	1190	750	860	914	1330	4014	300	440	3440	295	—	—	950	1420	1500	8	28	2200	950

Note: Dimensions are in mm and for guidance only.

Certified drawings will be provided in all cases of actual construction. Motor dimensions are for a given IEC frame.

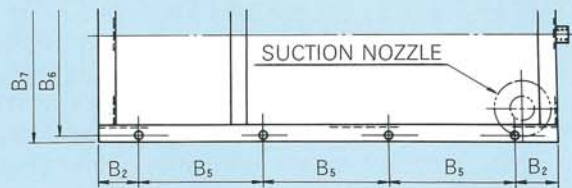
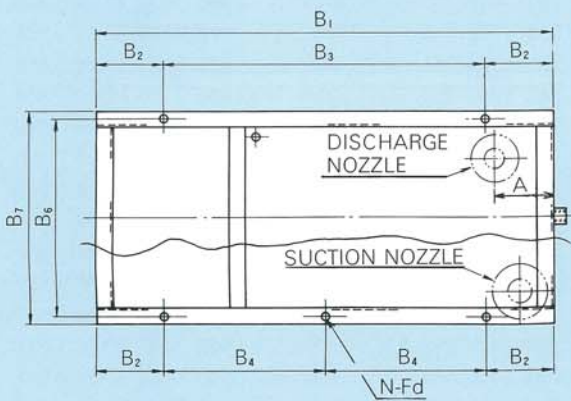
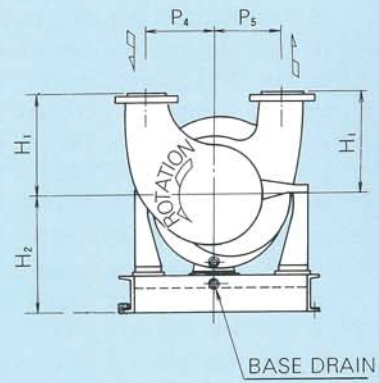
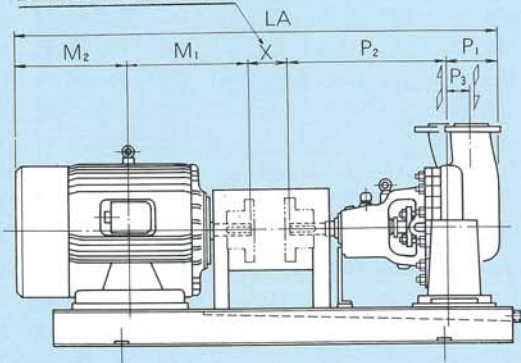
Base-plates are sized per our standard, not per the standard base plates in Appendix H of API 610.

On providing on inducer and / or a fan Cooled bearing housing, the certain dimensions differ from those indicated in the above list.

Dimensions

Top-Top

DISTANCE
BETWEEN SHAFT END



Dimensions

Top-Top

MOTOR		PUMP AND MOTOR (mm)											BASE PLATE (mm)										WEIGHT(kg)	
PUMP SIZE	kW	P ₁	P ₂	P ₃	P ₄	P ₅	H ₁	H ₂	M ₁	M ₂	LA	X	A	B ₁	B ₂	B ₃	B ₄	B ₅	B ₆	B ₇	N	Fd	PUMP	BASE
40x 25 20T	22	100	580	25	80	110	230	341	370.5	531.5	1722	140	160	1460	185	1090	-	-	440	490	4	19	140	140
50x 40 13T	22	113	580	30	90	100	210	341	370.5	531.5	1735	140	160	1460	185	1090	-	-	440	490	4	19	145	140
50x 40 16T	22	113	580	30	90	100	210	341	370.5	531.5	1735	140	160	1460	185	1090	-	-	440	490	4	19	150	140
50x 40 20T	30	117	580	30	80	100	230	341	395.5	600.5	1833	140	185	1510	210	1090	-	-	440	490	4	19	150	165
50x 40 25T	55	125	650	30	80	140	260	425	452.5	600.5	1969	140	175	1680	210	1260	-	-	530	590	4	24	220	195
50x 40 29T	55	127	650	30	80	155	270	425	452.5	600.5	1970	140	175	1680	210	1260	-	-	530	590	4	24	235	195
80x 50 13T	22	128	580	30	115	110	230	341	370.5	574.5	1793	140	160	1460	185	1090	-	-	440	490	4	19	145	140
80x 50 16T	22	128	580	30	115	110	230	341	370.5	574.5	1793	140	160	1460	185	1090	-	-	440	490	4	19	145	140
80x 50 20T	30	141	580	30	105	120	240	341	395.5	600.5	1857	140	165	1510	210	1090	-	-	440	490	4	19	155	140
80x 50 25T	55	138	650	40	90	145	260	425	452.5	600.5	1981	140	175	1680	210	1260	-	-	530	590	4	24	225	195
80x 50 32T	110	147	730	40	80	185	350	430	509.5	545.5	2072	140	210	1890	245	1400	-	-	680	740	4	24	360	210
100x 80 13T	37	160	650	60	150	120	260	345	402	600.5	1952.5	140	145	1550	115	-	660	-	480	530	6	19	185	110
100x 80 16T	37	160	650	60	150	120	260	345	402	600.5	1952.5	140	145	1550	115	-	660	-	480	530	6	19	185	110
100x 80 20T	45	164	650	50	130	135	250	370	414.5	814.5	2183	140	145	1580	230	1120	-	-	490	550	4	24	190	135
100x 80 25T	90	173	730	50	120	160	280	430	509.5	545.5	2098	140	185	1870	235	1400	-	-	580	640	4	24	295	175
100x 80 32T	132	177	730	50	90	195	350	504	554.5	930.5	2532	140	275	2010	105	-	900	-	670	730	6	24	430	255
150x 80 40T	40	195	850	40	110	240	450	574	554.5	930.5	2710	180	265	2190	195	-	900	-	880	950	6	25	640	370
150x100 16T	55	218	650	90	200	145	320	425	452.5	930.5	2391	140	205	1710	225	1260	-	-	540	600	4	24	240	200
150x100 20T	132	203	730	70	170	185	330	470	554.5	930.5	2558	140	185	1950	275	1400	-	-	660	720	4	24	340	250
150x100 25T	132	203	730	70	170	185	330	470	554.5	930.5	2558	140	185	1950	275	-	-	660	720	4	24	380	250	
150x100 32T	132	207	730	60	150	210	420	572	554.5	930.5	2602	180	280	2050	125	-	900	-	880	950	6	26	585	355
150x100 32YT	55	256	730	80	105	220	355	529	452.5	930.5	2549	180	260	1880	230	-	710	-	850	920	6	26	625	330
150x100 40T	132	238	850	60	95	270	500	624	554.5	930.5	2773	200	295	2240	220	-	900	-	1020	1090	6	26	805	420
150x100 40YT	90	251	730	110	105	245	400	529	539.5	575	2275.5	180	255	2000	150	-	850	-	890	960	6	26	720	365
150x100 40ZT	55	214	730	70	105	235	370	529	452.5	930.5	2507	180	260	1880	230	-	710	-	850	920	6	26	725	330
150x100 50T	132	256	850	110	115	290	430	574	614.5	620.5	2521	180	270	2260	220	1400	900	-	930	1000	6	26	1110	400
200 20T	55	300	765	160	190	240	380	529	482.5	495	2242.5	200	245	1950	275	1400	-	-	850	920	4	26	730	315
200 25T	75	282	765	140	190	260	400	529	514	515	2256	180	260	2000	300	-	-	-	900	970	4	28	800	380
200x150 20T	132	238	745	110	220	195	370	529	554.5	930.5	2668	200	260	2100	150	-	900	-	710	780	6	26	430	315
200x150 25T	132	245	760	90	190	240	400	529	554.5	930.5	2690	200	260	2120	160	-	900	-	770	840	6	26	545	315
200x150 32T	132	245	850	90	190	240	400	529	554.5	930.5	2780	200	260	2210	205	-	900	-	770	840	6	26	585	335
200x150 32YT	132	395	760	120	140	275	450	529	614.5	620.5	2570	180	260	2160	180	-	900	-	910	980	6	26	910	345
200x150 40T	132	257	850	100	155	265	500	624	554.5	930.5	2792	200	285	2230	215	-	900	-	930	1000	6	26	870	410
200x150 40YT	132	395	760	120	140	275	450	529	614.5	620.5	2570	180	260	2160	180	-	900	-	910	980	6	26	910	345
200x150 50T	132	312	950	100	120	320	500	574	614.5	620.5	2677	180	305	2390	195	-	1000	-	1180	1250	6	26	1540	450
250 25T	132	354	785	180	195	310	450	574	614.5	620.5	2574	200	280	2230	215	-	900	-	1230	1300	6	26	940	470
250x200 32T	132	344	850	185	160	310	560	574	614.5	620.5	2629	200	290	2300	150	-	1000	-	1180	1250	6	26	1090	470
250x200 40T	132	344	850	185	160	310	560	574	614.5	620.5	2629	200	290	2300	150	-	1000	-	1180	1250	6	25	1100	470
250x200 50T	110	364	950	160	160	355	610	624	689	575	2678	200	335	2390	195	-	1000	-	1270	1340	6	26	1840	500
250x150 57T	140	342	1110	140	130	365	570	800	741	1078	3551	280	370	3040	245	-	-	850	1240	1320	8	28	1950	880
250x150 70T	280	360	1200	140	120	450	680	860	874	1271	4005	300	445	3400	275	-	-	950	1400	1480	8	28	2150	930
300x250 50T	230	410	1135	160	180	410	620	800	874	1271	3970	280	380	3300	225	-	-	950	1400	1480	8	28	2150	1200
300x250 60T	450	376	1200	180	150	425	640	815	1095	1593	4564	300	400	3650	355	-	-	980	1400	1480	8	28	2360	980
300x200 65T	350	364	1190	150	150	430	660	860	914	1330	4098	300	440	3440	295	-	-	950	1460	1540	8	28	2250	980

Note: Dimensions are in mm and for guidance only.

Certified drawings will be provided in all cases of actual construction. Motor dimensions are for a given IEC frame.

Base-plates are sized per our standard, not per the standard base plates in Appendix H of API 610.

On providing a fan Cooled bearing housing, the certain dimensions differ from those indicated in the above list.



EBARA CORPORATION

Head Office:

11-1, Haneda Asahi-cho, Ohta-ku,
Tokyo, 144-8510 Japan
Phone: Tokyo 3743-6111
Cable: EBARAMAIN TOKYO
Int'l Telex: J22988 EBARA TYO
Fax: Tokyo 3745-3356

Sales headquarter:

NISSAY AROMA SQUARE, 5-37-1, Kamata,
Ohta-ku, Tokyo, 144-8721 Japan
Phone: 81-3-5714-6111
Fax: 81-3-5714-6081

Please send your enquiries to the above International Division

○: Liaison Offices

■ AMERICA

UNITED STATES OF AMERICA

Ebara America Corporation (Milpitas)
Ebara International Corporation (Sparks)
Airvac Inc. (Rochester)
Ebara Technologies Incorporated (Sacramento)
Ebara Solar, Inc. (Large, PA)

BRAZIL

Ebara Indústrias Mecánicas e Comércio Ltda.
(São Paulo)

■ EUROPE

UNITED KINGDOM

Ebara UK Limited (Hounslow)
Ebara Pumps UK Limited (Hounslow)

ITALY

○Italia Branch Office (Vicenza)
Ebara Pumps Europe S.p.A. (Vicenza)

SPAIN

Ebara Espana Bombas S.A. (Madrid)

GERMANY

Ebara Germany GmbH (Hanau)
Ebara Pumpen GmbH (Dietzenbach)

■ ASIA

KOREA

Ebara Precision Machinery Korea Inc. (Seoul)
Hyosung-Ebara Company Limited (Seoul)
Hyosung-Ebara Environment Engineering Co., Ltd.
(seoul)

PEOPLE'S REPUBLIC OF CHINA

○Beijing Office (Beijing)
○Shanghai Branch Office (Shanghai)
Ying Kou Ebara Co., Ltd. (Ying Kou)
Ebara Qingdao Co., Ltd. (Qingdao)
Yantai Ebara Air-Conditioning Equipment Co., Ltd.
(Yantai)
Shanghai Ebara Engineering and Services Co., Ltd.
(Shanghai)
Sinopec-Ebara Machinery Co., Ltd. (Beijing)

TAIWAN

○Taipei Office (Taipei)
Ebara Kailay Environmental Engineering Co., Ltd.
(Taipei)
Ebara Precision Machinery Taiwan Incorporated
(Taipei)
Ebara Densan Taiwan Manufacturing Co., Ltd.
(Tao Yuen Hsien)
Ebara-Elliott Service (Taiwan) Co., Ltd.
(Taichung)

PHILIPPINES

○Manila Office (Manila)
Ebara Benguet, Inc. (Laguna)

THAILAND

○Bangkok Office (Bangkok)
Ebara (Thailand) Limited (Bangkok)

SINGAPORE

○Singapore Branch Office (Singapore)
Ebara Engineering Singapore Pte, Ltd.
(Singapore)

INDONESIA

○Jakarta Office (Jakarta)
P.T. Ebara Indonesia (Jawa Barat)
P.T. Ebara Prima Indonesia (Jawa Barat)

INDIA

Kirloskar Ebara Pumps Limited (Pune)

VIETNAM

○Hanoi Office (Hanoi)
Ebara Hai Duong Company Ltd. (Hai Hung)

SAUDI ARABIA

○Middle East Branch Office (Dubai)