



FZC Series

Coaxial Pump

◎ FZC(G) Coaxial Pump



Application

- Oil & Gas Industries
- Methanol Injection
- Petroleum
- Chemical processing
- Mining
- Glycol Pumping
- Gasoline transfer
- Steam stripping
- Effluent

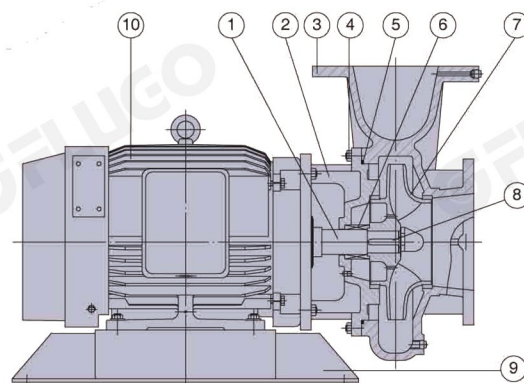


Features

- The optimal hydraulic model is used for impeller, the pump is of an utmost dynamic-static balance and reliable performance.
- The pump shaft is an extended one from the motor, so the concentricity is absolutely reliable.
- The pump which is supported by imported bearing, runs at little vibration and low noise.
- Single-stage single-suction horizontal centrifugal pump, closed impeller.
- Coaxial volute structure, high efficiency, small volume, light weight, easy installation and maintenance.
- Mechanical seal, no damage to shaft, no leakage, long duration.
- Materials can be selected according to the requirement of the customer. (Material of the pump model in the catalog is cast iron. The size and weight of the pump made of stainless steel can be provided separately.)

Construction

NO.	Name	Standard Material		Optional Material	
		GB	JIS	GB	JIS
1	Shaft	1Cr13	SUS410	SUS 304	SS 316
2	Bracket	HT200	FC200	SUS 304	SS 316
3	Pump casing	HT200	FC200	SUS 304	SS 316
4	Plug	Q215A	SS34(SS330)	SUS 304	SS 316
5	O-ring	NBR	NBR	NBR	NBR
6	Mechanical seal	C/AL ₂ O ₃	C/AL ₂ O ₃	C/AL ₂ O ₃	C/AL ₂ O ₃
7	Impeller	HT200	SS 304	SS 304	SS 304
8	Key	45	S45C	SS 304	SS 316
9	Feet	HT200/Q215A	FC200/SS34(SS330)	HT200/Q215A	FC200/SS34(SS330)
10	Motor				



Type description

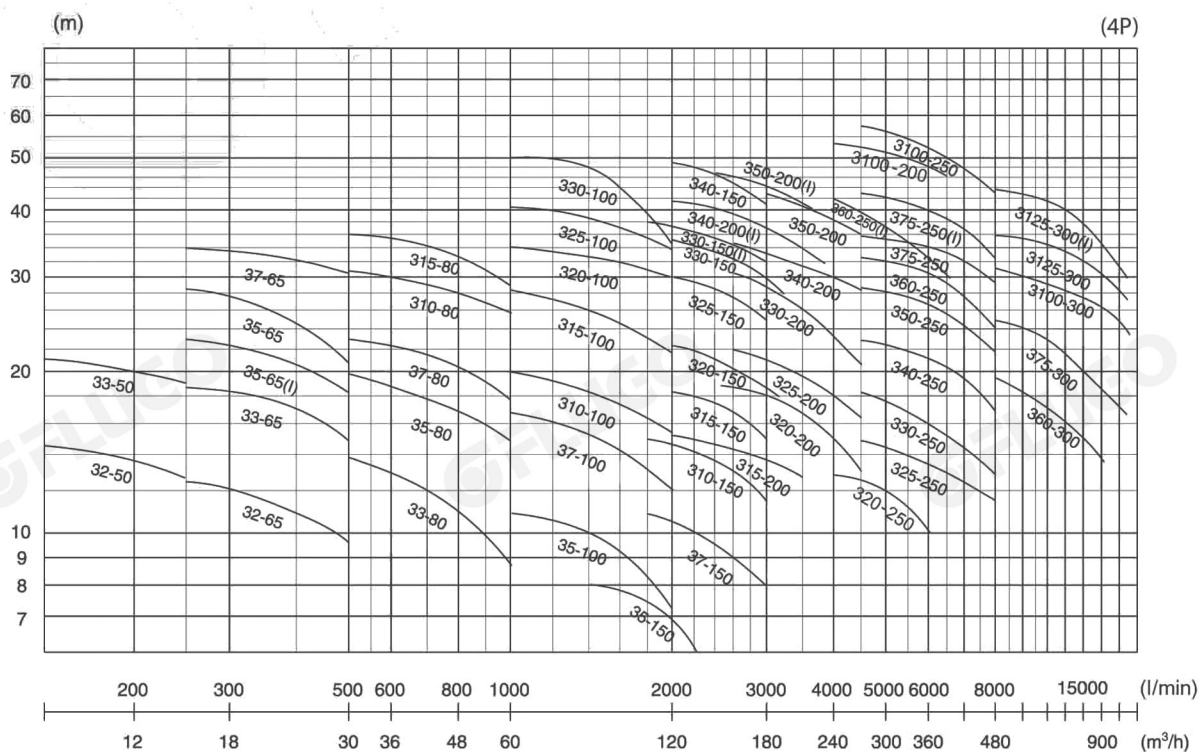
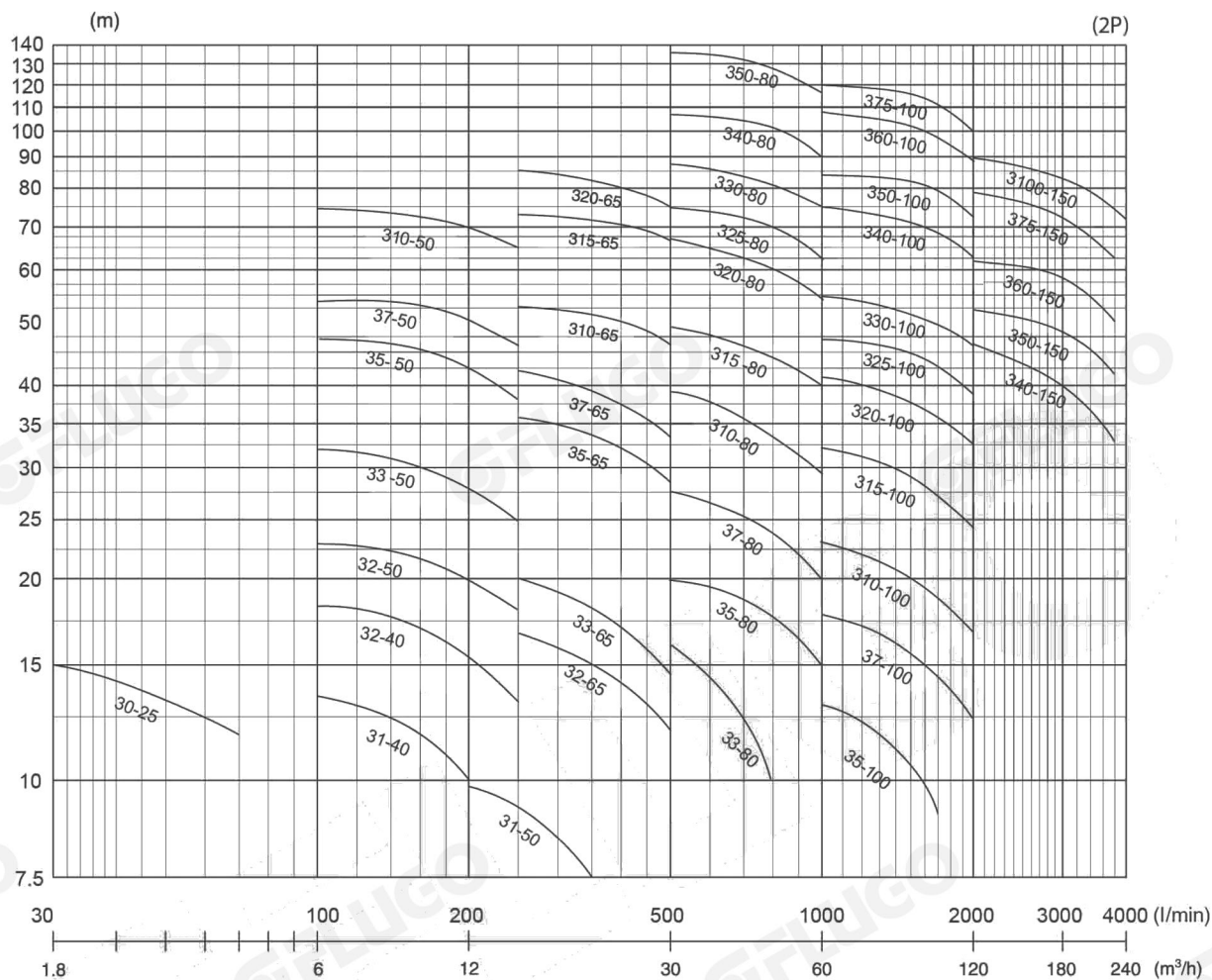
FZC(G)- 3 10 - 100

Suc. Diameter (mm)

Rated Power (hp)

Phase

Type : FZC Impeller SS304



Installation dimensions

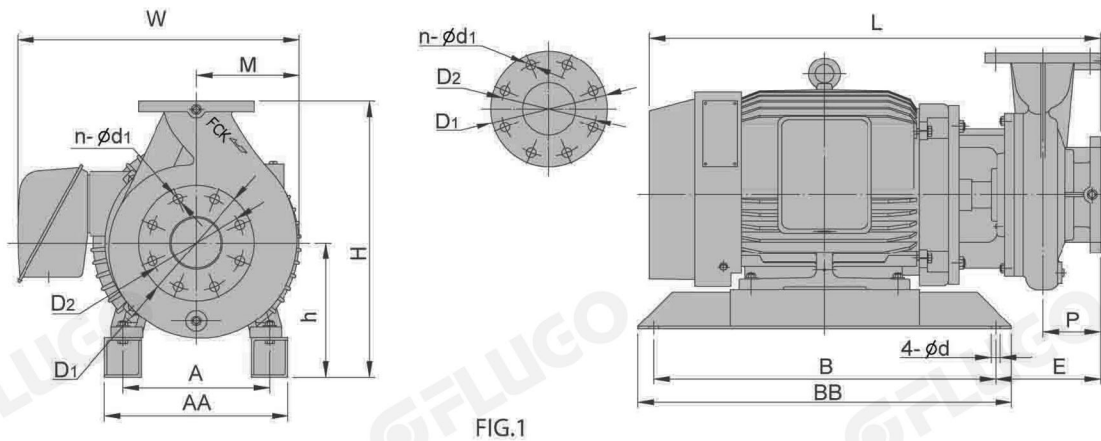


FIG.1

(2P)

Type	FIG.	A	AA	B	BB	d	E	H	h	L	M	P	W	D ₁	D ₂	n-ød ₁
30-25 (2P)	1	112	159	250	290	14	92	221	101	341.5	86	60	216	115	85	4-Ø14
31-40 (2P)	1	125	177	290	342	14	86.5	240	110	371	95.5	65	242	150	110	4-Ø18
32-40 (2P)	1	140	192	290	342	14	104.5	250	120	408	103.5	65	268	150	110	4-Ø18
31-50 (2P)	1	125	177	290	342	14	86.5	240	110	371	95.5	65	242	150	125	4-Ø18
32-50 (2P)	1	140	192	290	342	14	125.5	260	120	429	104	80	268	165	125	4-Ø18
33-50 (2P)	1	140	210	290	340	14	142.5	345	165	446	132	92	296	165	125	4-Ø18
35-50 (2P)	1	190	252	390	436	18	125	325	145	502.5	132	92	312	165	125	4-Ø18
37-50 (2P)	1	216	278	390	436	18	138	345	165	544	143	92	355	165	125	4-Ø18
310-50 (2P)	1	216	266	390	450	14	168	387	187	574	157	100	381	185	125	4-Ø18
32-65 (2P)	1	140	192	290	342	14	125.5	280	120	429	110	80	275	185	145	4-Ø18
33-65 (2P)	1	140	192	290	342	14	125.5	325	145	429	110	80	275	185	145	4-Ø18
35-65 (2P)	1	190	252	390	436	18	125	367	187	503	132	92	312	185	145	4-Ø18
37-65 (2P)	1	216	278	390	436	18	138	345	165	544	143	92	356	185	145	4-Ø18
310-65 (2P)	1	216	278	390	436	18	153	345	165	559	142	92	353	185	145	4-Ø18
315-65 (2P)	1	254	324	500	560	18	166	460	235	696	161	100	436	185	145	4-Ø18
320-65 (2P)	1	254	324	500	560	18	166	460	235	696	161	100	436	185	145	4-Ø18
33-80 (2P)	1	140	192	290	342	14	151.5	280	120	455	127	100	291	200	160	8-Ø18
35-80 (2P)	1	190	252	390	436	18	134	305	145	511.5	128	100	308	200	160	8-Ø18
37-80 (2P)	1	216	278	390	436	18	153	385	165	559	148	100	361	200	160	8-Ø18
310-80 (2P)	1	216	278	390	436	18	168	385	165	574	148	100	359	200	160	8-Ø18
315-80 (2P)	1	254	324	500	560	18	166	455	235	696	173	100	448	200	160	8-Ø18
320-80 (2P)	1	254	324	500	560	18	166	495	235	696	173	100	448	200	160	8-Ø18
325-80 (2P)	1	254	324	500	560	18	247	495	235	800	173	100	448	200	160	8-Ø18
330-80 (2P)	1	279	349	580	640	18	201.5	525	255	816.5	199	100	539	200	160	8-Ø18
340-80 (2P)	1	279	349	650	710	18	202.5	545	255	861	204	110	544	220	160	8-M16
350-80 (2P)	1	318	388	650	710	18	226.5	575	275	926	214	110	579.5	220	160	8-Ø18
35-100 (2P)	1	190	260	290	340	14	193	367	187	520.5	148	100	328	220	180	8-Ø18
37-100 (2P)	1	216	278	390	436	18	156	345	165	562	148	100	361	220	180	8-Ø18
310-100 (2P)	1	216	278	390	436	18	171	345	165	577	148	100	359	220	180	8-Ø18
315-100 (2P)	1	254	324	500	560	18	169	460	235	699	161	100	436	220	180	8-Ø18
320-100 (2P)	1	254	324	500	560	18	169	460	235	699	161	100	436	220	180	8-Ø18
325-100 (2P)	1	254	324	500	560	18	269	505	235	822	192	110	467	220	180	8-Ø18
330-100 (2P)	1	279	349	580	640	18	217.5	525	255	832.5	199	110	539	220	180	8-Ø18
340-100 (2P)	1	279	349	650	710	18	199.5	525	255	858	196	110	536	220	180	8-Ø18
350-100 (2P)	1	318	388	650	710	18	226.5	565	275	926	204	110	568	220	180	8-Ø18
360-100 (2P)	1	318	388	650	710	18	226.5	565	275	926	205	110	569	220	180	8-Ø18
375-100 (2P)	1	356	456	750	810	24	175	632	332	935	245	110	640	220	180	8-Ø18
340-150 (2P)	1	279	349	650	710	18	227.5	535	255	886	206	140	546	285	240	8-Ø22
350-150 (2P)	1	318	388	650	710	18	251.5	555	275	951	206	140	571	285	240	8-Ø22
360-150 (2P)	1	318	388	650	710	18	251.5	555	275	951	206	140	571	285	240	8-Ø22
375-150 (2P)	1	356	456	750	810	24	206	632	332	966	245	140	640	285	240	8-Ø22
3100-150 (2P)	1	406	506	750	810	24	237.5	657	357	1059.5	255	140	785	285	240	8-Ø22

Installation dimensions

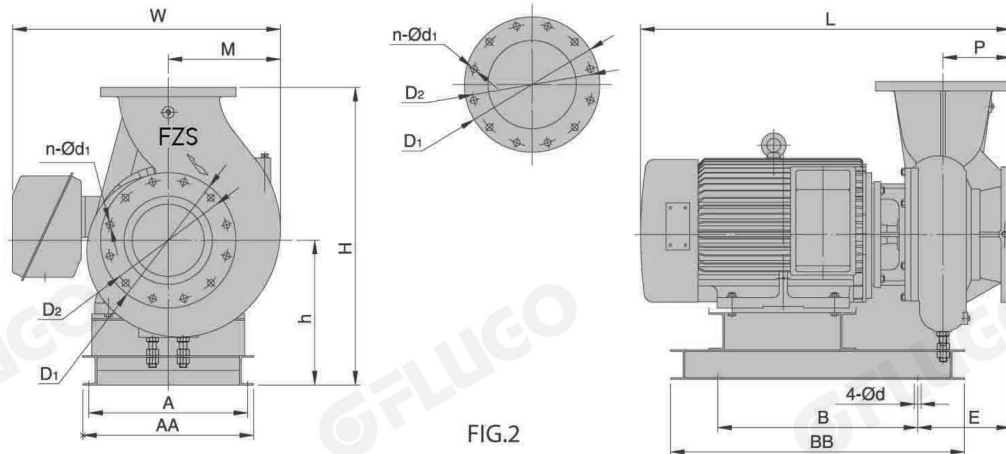


FIG.2

(4P)

Type	FIG.	A	AA	B	BB	d	E	H	h	L	M	P	W	D ₁	D ₂	n-Ø d ₁
32-50 (4P)	1	140	203	290	340	14	154.5	397	197	473.5	157	100	314	185	125	4-Ø18
33-50 (4P)	1	160	230	290	340	14	183	375	175	509.5	157	100	336	185	125	4-Ø18
32-65 (4P)	1	140	210	290	340	14	139.5	345	165	443	132	92	302	185	145	4-Ø18
33-65 (4P)	1	160	230	290	340	14	183	400	175	503	161	100	325	185	145	4-Ø18
35-65(I) (4P)	1	190	253	290	340	14	192	469	219	515	180	100	366	200	145	4-Ø18
35-65 (4P)	1	190	253	290	340	14	192	469	219	515	180	100	366	200	145	4-Ø18
37-65 (4P)	1	216	286	390	440	14	174	467	207	580	194	100	411	200	145	4-Ø18
33-80 (4P)	1	160	230	290	340	14	183	435	175	503	173	100	337	200	160	8-Ø18
35-80 (4P)	1	190	260	390	440	14	140	447	187	513	173	100	359	200	160	8-Ø18
37-80 (4P)	1	216	286	390	440	14	180	477	207	580	192	100	409	200	160	8-Ø18
310-80 (4P)	1	216	286	390	450	14	193	497	207	618	201	100	418	200	160	8-Ø18
315-80 (4P)	1	254	324	500	560	18	172	525	235	702	201	100	476	200	160	8-Ø18
35-100 (4P)	1	190	260	390	440	14	162	457	187	535	192	110	378	220	180	8-Ø18
37-100 (4P)	1	216	286	390	440	14	190	477	207	596	192	110	409	220	180	8-Ø18
310-100 (4P)	1	216	286	390	440	14	209	477	207	634	192	110	409	220	180	8-Ø18
315-100 (4P)	1	254	324	500	560	18	191	535	235	721	214	110	490	220	180	8-Ø18
320-100 (4P)	1	254	324	500	560	18	213	535	235	765	214	110	490	220	180	8-Ø18
325-100 (4P)	1	279	359	580	640	18	220.5	652	312	831	256	110	560	220	180	8-Ø18
330-100 (4P)	1	279	359	580	640	18	220.5	652	312	831	256	110	560	220	180	8-Ø18
35-150 (4P)	1	190	253	390	450	14	190	499	219	563	206	140	392	285	240	8-Ø22
37-150 (4P)	1	216	286	390	450	14	218	487	207	624	206	140	423	285	240	8-Ø22
310-150 (4P)	1	216	286	390	450	14	237	487	207	662	206	140	423	285	240	8-Ø22
315-150 (4P)	1	254	324	500	560	18	216	515	235	746	206	140	481	285	240	8-Ø22
320-150 (4P)	1	254	324	500	560	18	244	535	235	796	227	140	503	285	240	8-Ø22
325-150 (4P)	1	279	349	580	640	18	243	605	255	858	249	125	589	285	240	8-Ø22
33-150(I) (4P)	1	279	359	580	640	18	259	667	287	874	268	140	608	285	240	8-Ø22
330-150 (4P)	1	279	349	580	640	18	243	605	255	858	249	125	590	285	240	8-Ø22
340-150 (4P)	1	279	359	650	710	18	241	667	287	899	268	140	608	285	240	8-Ø22
315-200 (4P)	1	254	324	500	560	18	254	535	235	784	241	160	516	340	295	8-Ø22
320-200 (4P)	1	254	324	500	560	18	276	535	235	828	241	160	516	340	295	8-Ø22
325-200 (4P)	1	279	359	580	640	18	284	607	287	898.5	255	160	595	340	295	8-Ø22
330-200 (4P)	1	279	359	580	640	18	284	647	287	898.5	268	160	608	340	295	8-Ø22
340-200(I) (4P)	1	279	359	650	710	18	266	678	287	924	286	160	626	340	295	8-Ø22
340-200 (4P)	1	279	359	650	710	18	266	647	287	924	268	160	608	340	295	8-Ø22
350-200(I) (4P)	1	318	398	650	710	18	290	697	307	989	287	160	652	340	295	8-Ø22
350-200 (4P)	1	318	398	650	710	18	290	697	307	989	287	160	652	340	295	8-Ø22
3100-200 (4P)	1	460	500	600	790	24	204.5	926	486	1153.5	321	200	852	340	295	8-Ø22
320-250 (4P)	1	254	334	580	640	18	291	647	267	883	303	205	580	395	350	12-Ø22
325-250 (4P)	1	279	359	580	640	18	338.5	667	287	953.5	304	205	644	395	350	12-Ø22
330-250 (4P)	1	279	359	580	640	18	338.5	667	287	953.5	304	205	644	395	350	12-Ø22
340-250 (4P)	1	279	359	650	710	18	326	762	312	984	331	200	671	395	350	12-Ø22
350-250 (4P)	1	318	398	650	710	18	350	757	307	1049	331	200	696	395	350	12-Ø22
360-250(I) (4P)	2	360	400	550	735	18	212	865	415	1049	318	200	683	395	350	12-Ø22
360-250 (4P)	2	360	400	550	735	18	212	865	415	1049	318	200	683	395	350	12-Ø22
375-250(I) (4P)	2	410	450	550	730	18	203	865	415	1058	319	200	714	395	350	12-Ø22
375-250 (4P)	2	410	450	550	730	18	203	865	415	1058	319	200	714	395	350	12-Ø22
3100-250 (4P)	2	460	500	600	790	24	204.5	986	486	1154	360	200	890	395	350	12-Ø22
360-300 (4P)	1	410	450	550	750	18	257	970	450	1099	378	230	743	445	400	12-Ø23

Authorized Distributor



FZC Series - Coaxial Pump