GOL PUMPS TECHNOLOGY INC

6520 NW 77th CT , Miami FL 33166

Ph: +1 (786) 615 8984

Fax: +1 (786) 615 7043

Info@golpumps.com www.golpumps.com

GOL PUMPS CO.

Centrifugal Pump

General Catalogue

CONTENTS

End Suction Centrifugal Pump EA series

Description & Features

EIFEL EA series end suction centrifugal pumps are designed complying to BS EN733 / DIN24255 standard. This series of pumps have great advantages in interchangeable parts, high quality and low cost, wide applications in plants, mines, city water supplies, fire-fighting systems, air-condition systems and irrigation.

Model Instruction

EA 80 – 32 (G) X-X-X – X

- Seal Type
- Casing - Impeller - Shaft Material
- Special Bearing Frame
- Impeller Nominal Diameter
- Discharge Size
- Series

Material Code

C:Cast Iron
Q: Ductile Iron
B:Brass
S:ASTM 420
45:ASTM 1045
S304:ASTM 304
S316:ASTM 316

- Bearing Frame Code
  H: Bearing frame for double-row bearing
  G: Bigger shaft and bearing frame
  Default: Standard
- Seal Type
  M: Mechanical Seal
  P: Gland Packlng

Design & Structure

Design	Performance and dimensions referring to the European standard BS EN733 / DIN24255
Structure	Horizontal, Axial End-Suction, Single-Stage, Single-Suction, Volute Casing, Back pull-out
DN (mm)	32~300
Flange	DIN2501 PN16 GB/ T17241.6 PN1.6

Material

Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron / ASTM304 / ASTM316
Impeller	Brass	Cast Iron/ ASTM304 / ASTM316
Shaft	ASTM420	ASTM304 / ASTM316 / ASTM1045
Shaft Seal	Mechanical Seal	Gland Packing

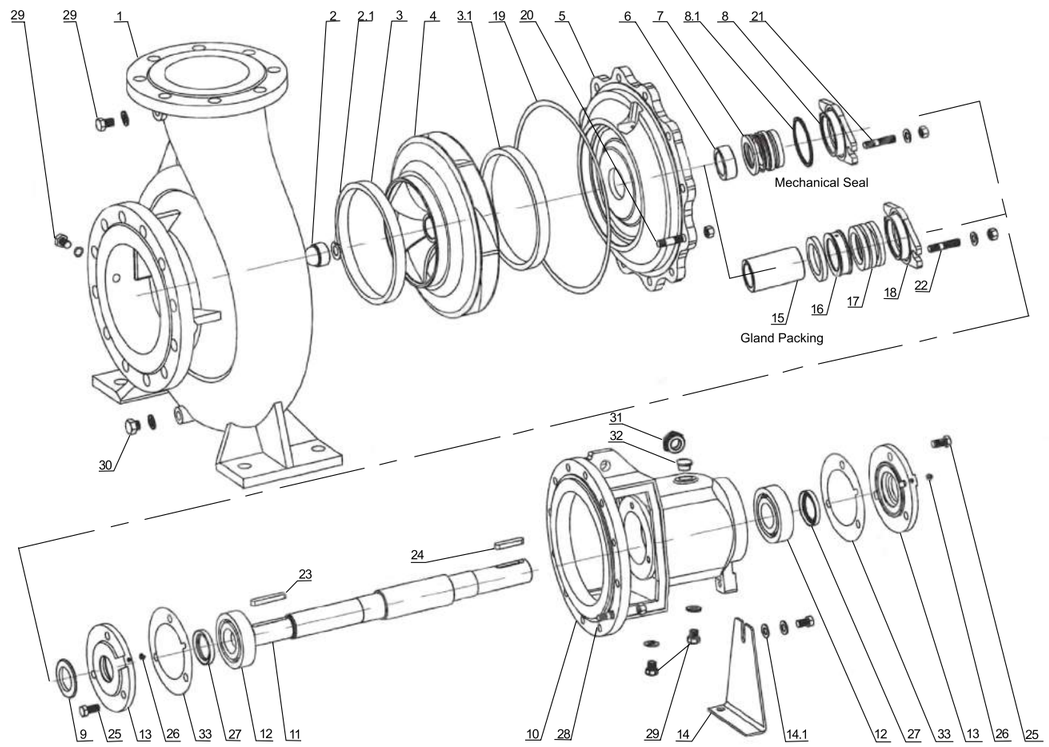
Operating Data

Flow Rate (Q)	4~1584 m^3/h
Head (H)	2~150 m
Speed	1450 or 2900 rpm (50Hz) / 1750 or 3500 rpm (60Hz)
Max Teperature	85°C(standard) ; 105°C(on request)
Working Pressure	1.0 MPa standard: 1.6 MPa on request
Conveying Medium	Clean water or liquids similar to clean water in physical property

Applications

- Water supply and drainage
- HVAC and Cooling Tower
- Marine - Ballasting & Bilge
- Booster and Pressurization Set
- Irrigation and agriculture
- Water supply and drainage
- Food and chemical industry
  {with stainless steel material)

EA Series Explode View & List of Parts

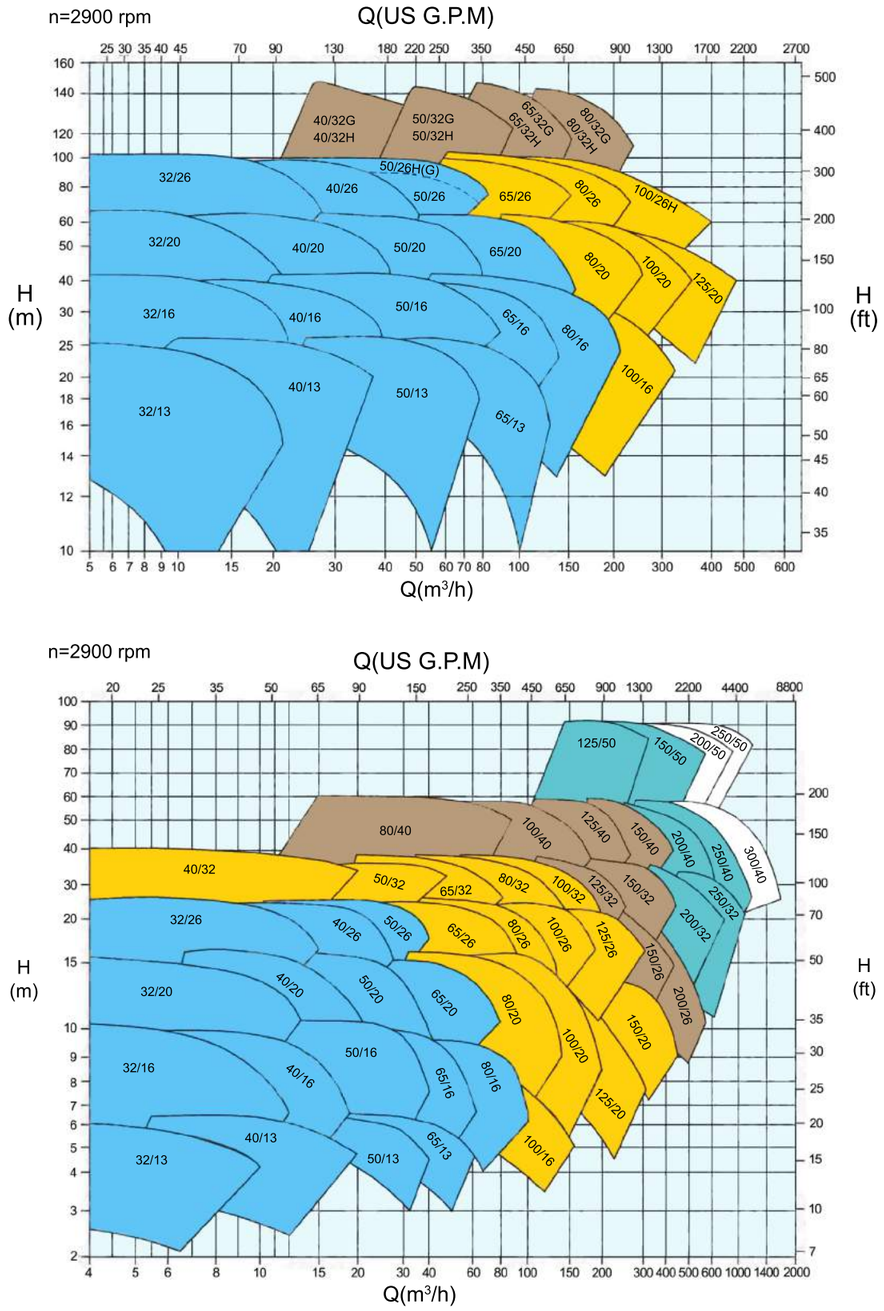


Code	Part Name
1	Casing
2	Impeller Nut
2.1	Lock Washer
3	Wear Ring (Front)
3.1	Wear Ring (Back)
4	Impeller
5	Casing Cover
6	Shaft Spacer
7	Mech. Seal
8	Seal Cover
8.0	O-ring
9	Rubber Slinger
10	Bearing Frame

Code	Part Name
11	Shaft
12	Bearing
13	Bearing Cover
14	Support Foot
14.1	Flat Washer
15	Packing Sleeve
16	Packing Seal Cage
	Throat Bushing
17	Gland Packing
18	Gland Cover
19	casing Gasket
20	Stud Bolt
21	Stud Bolt

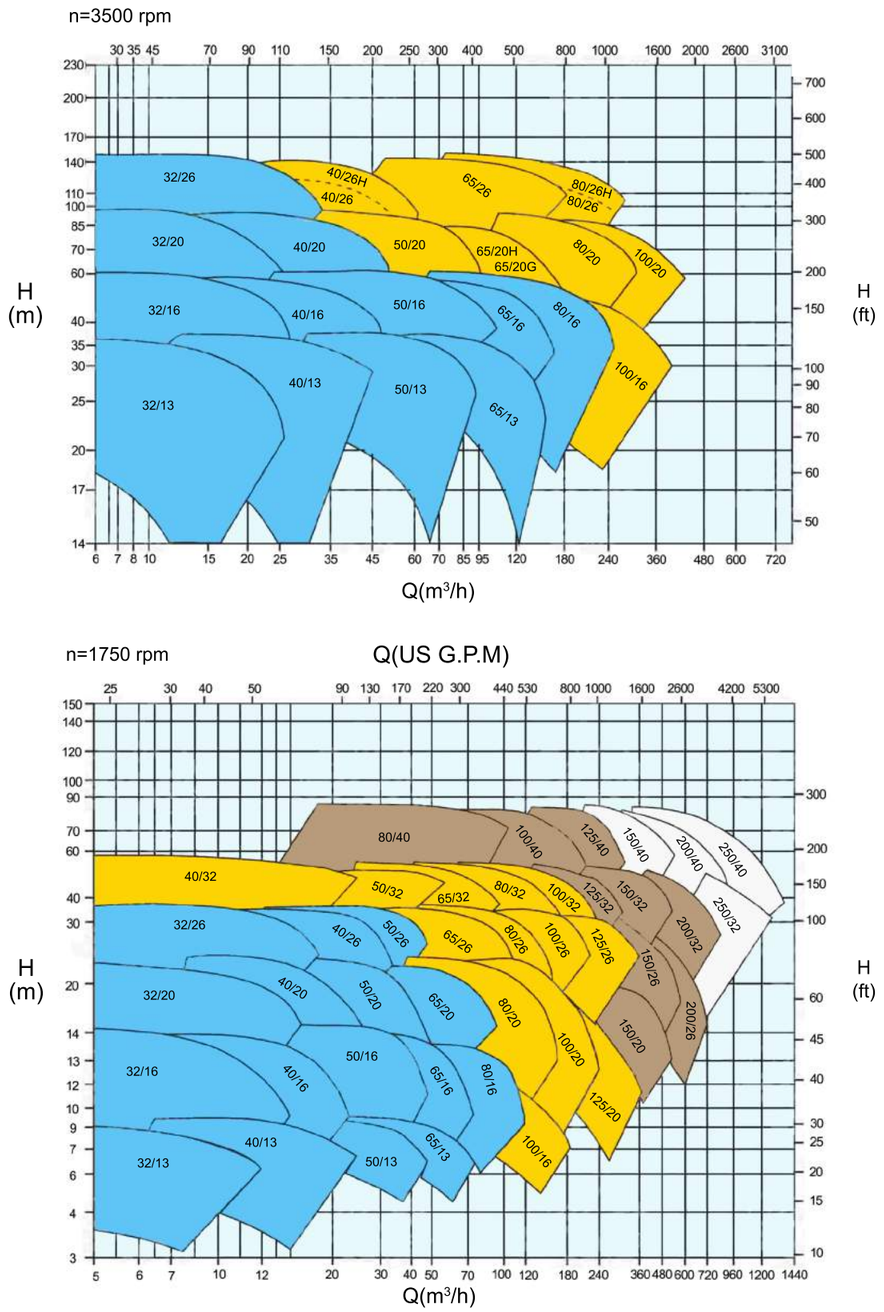
Code	Part Name
22	Stud Bolt
23	Key
24	Key
25	Screw Bolt
26	Oil Cup
27	Felting
	Oil Seal
28	Stud Bolt
29	Plug
30	Plug
31	Oil Scale
32	Oil Cover
33	Throat Bushing Gasket

EA Series-50Hz Performance

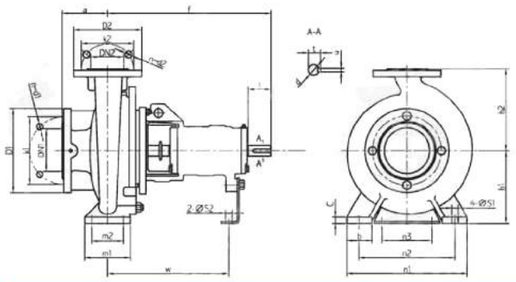


Performance to IS09906 Grade 2 for clean cold water only

EA Series-60Hz Performance



Performance to IS09906 Grade 2 for clean cold water only



Flange Dimensions
(ISO7005.2 DIN2501 PN16 GB/T17241.6 PN1.6)

DN1/DN2	32	40	50	65	80	100
D1/D2	140	150	165	185	200	220
K1/K2	100	110	125	145	160	180
n-d1/ n-d2	4-Φ18	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18

DN1/DN2	125	150	200	250	300	350
D1/D2	250	285	340	405	460	520
K1/K2	210	240	295	355	410	470
n-d1/ n-d2	8-Φ18	8-Φ22	12-Φ22	12-Φ26	12-Φ26	16-Φ26

Model	Bearing Inner Dia.	DN2	DN1	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	S2	w	d	l	t	u	Weight (kg)
EA32/13	25	32	50	80	360	112	140	50	14	100	100	70	190	140	14	14	267	24	50	27	8	29
EA32/16						132	160						240	190								35
EA32/20						160	180			110												47
EA32/26				100		180	225	65			125	95	320	250								58
EA40/13		40		80		112	140	50		100	100	70	210	160								31
EA40/16						132	160						240	190								34
EA40/20				100		160	180						265	212								45
EA40/26(H)						180	225			110	125	95	320	250								61
EA40/32	35			125	470	200	250	65					345	280			342	32	80	35	10	94
EA40/32(H)						200	250															107
EA40/32G	45		65		526	200	250										367	42	110	45	12	105
EA50/13	25	50		100	360	132	160	50		100	100	70	240	190			267	24	50	27	8	35
EA50/16						160	180						265	212								39
EA50/20						160	200															49
EA50/26(H)						180	225	65			125	95	320	250								68
EA50/26G	35				470												344	32	80	35	10	65
EA50/32(H)				125		225	280		18				345	280			342					113
EA50/32G	45	50	65	125	526	225	280		18		125	95	345	280			367	42	110	45	12	105
EA65/13	25	65	80	100	360	160	180	65	14		125	95	280	212			267	24	50	27	8	41
EA65/16						160	200															47
EA65/20(H)					465	180	225						320	250								55
EA65/20G	35																339	32	80	35	10	60
EA65/26				125	470	200	250	80	15		160	120	360	280	18		342					87
EA65/32(H)						225	280		18				400	315								110
EA65/32G	45				525	225	280		18								367	42	110	45	12	120
EA80/16	25	80	100	125	360	180	225	65	14		125	95	320	250	14		267	24	50	27	8	53
EA80/20	35				470	180	250		15				345	280			342	32	80	35	10	76
EA80/26						200	280	80			160	120	400	315	18							95
EA80/32(H)						250	315		16													118
EA80/32G	45				526				16								367	42	110	45	12	130
EA80/40					530	280	355	83	18	110			440	340			370					160
EA100/16	35	100	125	140	470	200	250	80	15		160	120	360	280	18		342	32	80	35	10	87
EA100/20							280															84
EA100/26(H)	35					225	280	80	16				400	315								102
EA100/32						250	315															118
EA100/40	45				530	280	355	100	20		200	150	500	400	23		370	42	110	45	12	176
EA125/20	35	125	150		470	250	315	80	16		160	120	400	315	18		342	32	80	35	10	112
EA125/26						250	355															117
EA125/32	45				530	280	355		18				500	400			370	42	110	45	12	155
EA125/40						315	400															178
EA125/50	55				670	355	450		25				550	450			500	48	110	51	14	300
EA150/20	35	150	200	160	500	280	400	100	18		200	150	400	315	23		342	32	80	35	10	132
EA150/26	45				530	250	355						450	350			370	42	110	45	12	163
EA150/32						280	400															170
EA150/40						315	450						550	450								207
EA150/50	55			180	670	375	500		22								500	48		51	14	330
EA200/26	45	200	250		555	315	450		20		220	170	600	480	28		392	42		45	12	219
EA200/32	55				670	315	480	120									505	48		51	14	286
EA200/40						335	480				250											328
EA200/50	65	200	250	200	720	425	560	100	22	140	200	150	660	560	23	19	515	60	140	64	18	450
EA250/32	55	250	300	220	691	355	520	150	26	110	250	200	660	510	28	14	525	48	110	51	14	366
EA250/40					682	400	560										516					396
EA250/50	65	250	300	250	720	450	670	120	32	140	240	190	750	650	23	19	515	60	140	64	18	550
EA300/40	65	300	350	300	720	425		120	30		250	190	760	660	30	19	515	60	140	64	18	550

Please ask for our technical CD for EAD series installation dimensions.

Applications

- Water supply and drainage
- HVAC and Cooling Tower
- Marine – Ballasting & Bilge
- Booster and Pressurization Set
- Irrigation and agriculture
- Water supply and drainage
- Food and chemical industry (with stainless steel material)

Description & Features

EIFEL EAZS series are Close-coupled type of EA series. No need to use couplings and motor shaft is pluged into pump shaft to ensure concentricity and shorten the axial length. Highly interchangeable parts, space saving, various applications in plants, mines, city water supplies, fire-fighting systems, air-condition systems and irrigation.

Model Instruction

EAZ S 65 - 20 - 1850 2 X-X-X-M

- Mechanical Seal
- Casing - Impeller - Shaft Material
- 2P Motor
- Motor Power 18.5kw
- Impeller Nominal Diameter
- Discharge Size
- Adapter for standard bearing
- Series

Material Code

C: Cast Iron 45: ASTM 1045
Q: Ductile Iron S304: ASTM 304
B: Brass S316: ASTM 316
S: ASTM 420 M: Mechanical Seal

Design & Structure

Design	Performance and dimensions referring to the European standard BS EN733/DIN24255
Structure	Close-coupled, Axial End-Suction, Single-Stage, Single-Suction, Volute Casing
DN (mm)	32~150
Flange	DIN2501 PN16 GB / T17241.6 PN1.6
Motor	IEC standard motor

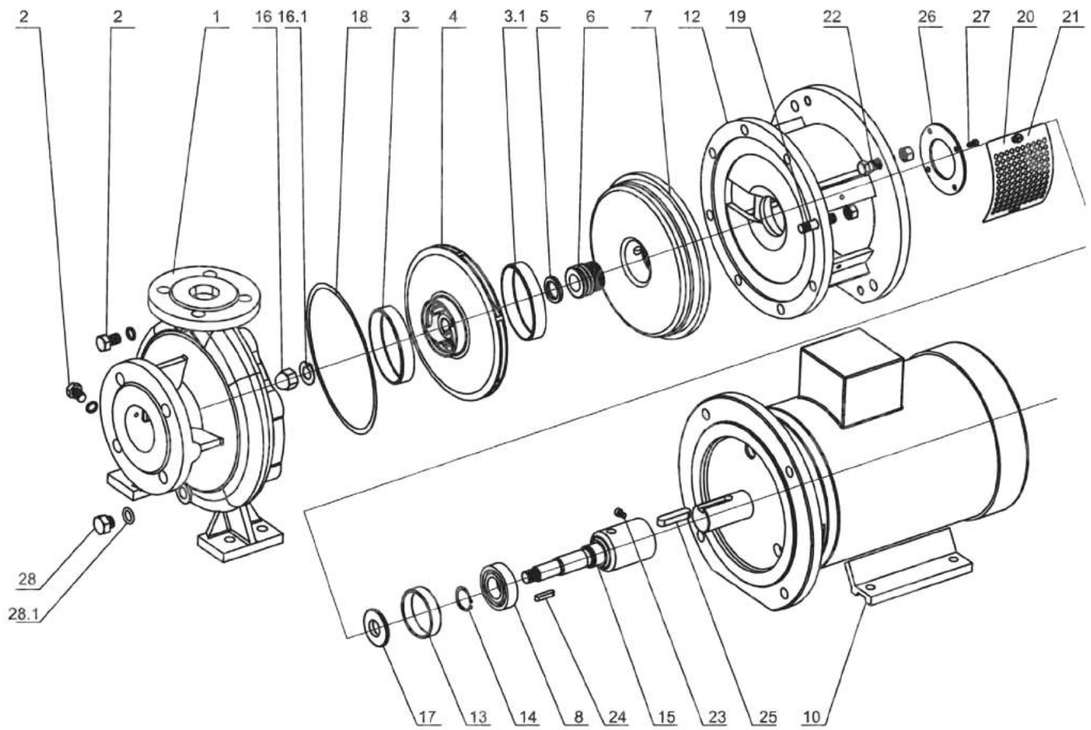
Material

Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron / ASTM304 / ASTM316
Impeller	Brass	Cast Iron / ASTM304 / ASTM316
Shaft	ASTM420	ASTM304 / ASTM316 / ASTM1045
Shaft Seal	Mechanical Seal	

Operating Data

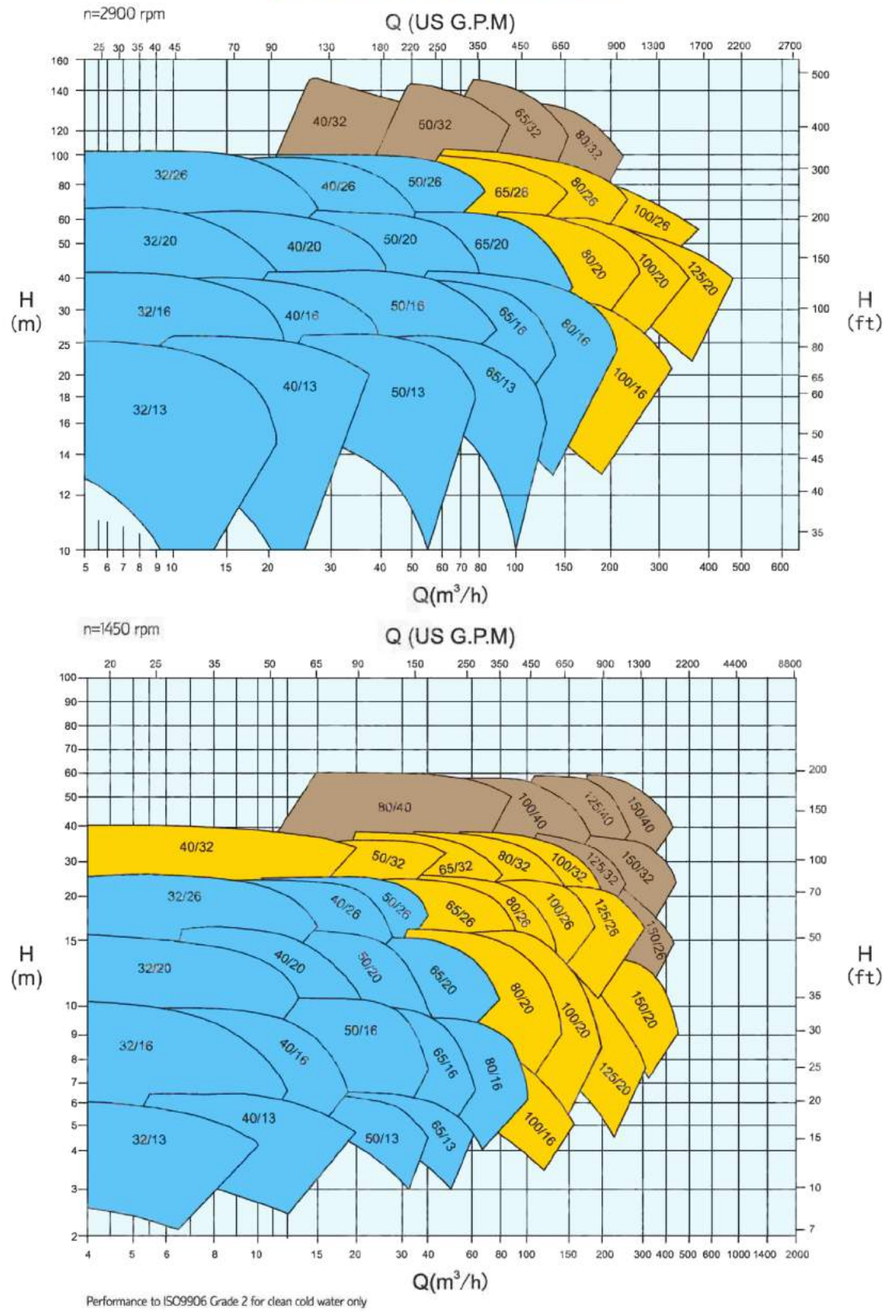
Flow Rate(Q)	4~500m³/h
Head(H)	8~150m
Speed	1450 or 2900 rpm (50Hz) / 1750 or 3500 rpm (60Hz)
Max. Temperature	85℃(standard)
Working Pressure	1.0 MPa standard; 1.6 MPa on request
Conveying Medium	Clean water or liquids similar to clean water in physical property

EAZS Series Explode View & List of Parts



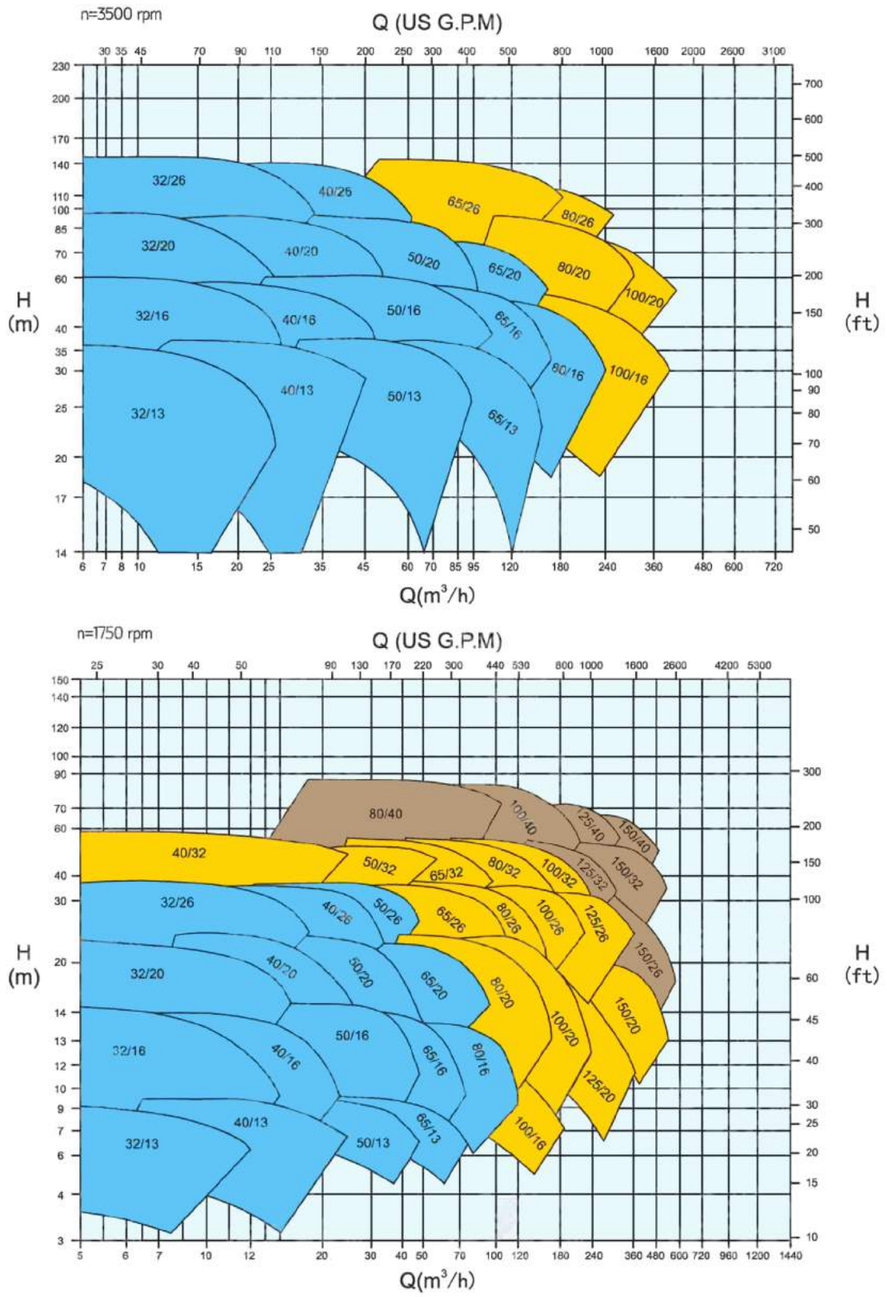
Code	Part Name	Code	Part Name
1	Casing	16	Impeller Nut
2	Plug & Washer	16.1	Lock Washer
3	Wear Ring (Front)	17	Rubber Slinger
3.1	Wear Ring (Back)	18	Casing Gasket
4	Impeller	19	Screw Bolt
5	Seal Seat	20	Guard
6	Mech. Seal	21	Screw
7	Casing Cover	22	Screw Bolt & Nut
8	Bearing	23	Screw
10	B35 Motor	24	Key
12	Adapter	25	Key
13	Rubber Check	26	Bearing Cover
14	External Circlips	27	Screw
15	Shaft	28	Plug & Washer

EAZS Series-50Hz Performance

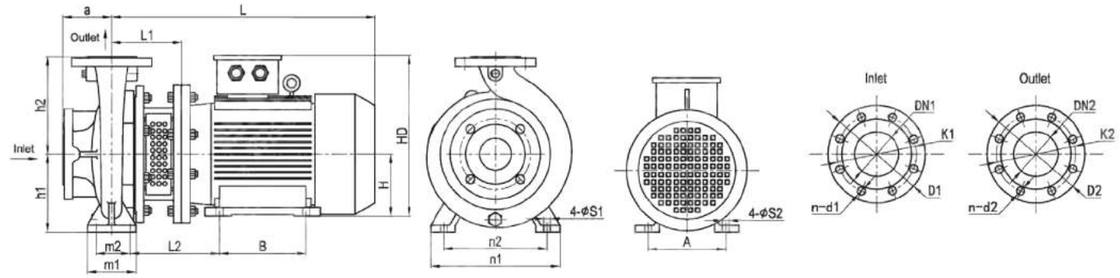


Performance to ISO9906 Grade 2 for clean cold water only

EAZS Series-60Hz Performance



Performance to ISO9906 Grade 2 for clean cold water only



Flange Dimensions (ISO7005.2 DIN2501 PN16 GB/T17241.6 PN1.6)

DN1/DN2	32	40	50	65	80	100	125	150	200
D1/D2	140	150	165	185	200	220	250	285	340
K1/K2	100	110	125	145	160	180	210	240	295
n-d1/n-d2	4-Φ18	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ22	12-Φ22

EAZS	Motor(B35)		Flange		Installation Dimensions(mm)															Weight(kg)		
Model	Model	kw	DN1	DN2	a	h1	h2	L1	L2	L	A	B	H	HD	m1	m2	n1	n2	S1	S2	Pump	Motor	Total
EAZS32/13-00554	Y2-801-4	0.55	50	32	80	112	140	152	167	407	125	100	80	220	100	70	190	140	14	10	27	16	43
EAZS32/13-01102	Y2-802-2	1.1																			27	17	44
EAZS32/13-01502	Y2-90S-2	1.5							173	422	140		90	250							27	21	48
EAZS32/13-02202	Y2-90L-2	2.2								447		125									27	26	52
EAZS40/13-00554	Y2-801-4	0.55	65	40					167	407	125	100	80	220			210	160			29	16	45
EAZS40/13-01502	Y2-90S-2	1.5							173	422	140		90	250							30	21	51
EAZS40/13-02202	Y2-90L-2	2.2								447		125									30	26	55
EAZS40/13-03002	Y2-100L-2	3						164	192	489	160	140	100	270						12	32	44	76
EAZS40/13-04002	Y2-112M-2	4							199	504	190		112	300							32	43	75
EAZS50/13-00554	Y2-801-4	0.55	65	50	100	132	160	152	167	407	125	100	80	220			240	190		10	30	16	46
EAZS50/13-00754	Y2-802-4	0.75																			30	17	47
EAZS50/13-01104	Y2-90S-4	1.1						152	173	422	140		90	250							31	22	54
EAZS50/13-03002	Y2-100L-2	3						164	192	489	160	140	100	270						12	39	44	83
EAZS50/13-04002	Y2-112M-2	4							199	504	190		112	300							39	43	82
EAZS50/13-05502	Y2-132S1-2	5.5						187	241	577	216		132	345							40	65	105
EAZS50/13-07502	Y2-132S2-2	7.5																			40	69	109
EAZS65/13-00754	Y2-802-4	0.75	80	65	100	160	180	152	154.5	407	125	100	80	220	125	95	280	212		10	36	17	53
EAZS65/13-01104	Y2-90S-4	1.1							160.5	422	140		90	250							37	22	60
EAZS65/13-01504	Y2-90L-4	1.5								447		125									37	27	64
EAZS65/13-05502	Y2-132S1-2	5.5						187	228.5	577	216	140	132	345						12	46	65	111
EAZS65/13-07502	Y2-132S2-2	7.5																			46	69	115
EAZS65/13-11002	Y2-160M1-2	11						219	279.5	724	254	210	160	420						15	54	108	162
EAZS32/16-00554	Y2-801-4	0.55	50	32	80	132	160	152	167	407	125	100	80	220	100	70	240	190	14	10	31	16	48
EAZS32/16-00754	Y2-802-4	0.75																			31	17	49
EAZS32/16-02202	Y2-90L-2	2.2							173	447	140	125	90	250							32	26	57
EAZS32/16-03002	Y2-100L-2	3						164	192	489	160	140	100	270						12	33	44	77
EAZS32/16-04002	Y2-112M-2	4							199	504	190		112	300							33	43	76
EAZS32/16-05502	Y2-132S1-2	5.5						187	241	577	216		132	345						15	38	65	103
EAZS40/16-00554	Y2-801-4	0.55	65	40	80	132	160	152	167	407	125	100	80	220	100	70	240	190	14	10	32	16	48
EAZS40/16-00754	Y2-802-4	0.75																			32	17	49
EAZS40/16-01104	Y2-90S-4	1.1							173	422	140	100	90	250							33	22	56
EAZS40/16-03002	Y2-100L-2	3						164	192	489	160	140	100	270						12	35	44	79
EAZS40/16-04002	Y2-112M-2	4							199	504	190	140	112	300							35	43	78
EAZS40/16-05502	Y2-132S1-2	5.5						187	241	577	216	140	132	345							39	65	104
EAZS40/16-07502	Y2-132S2-2	7.5																			39	69	108

EAZS	Motor(B35)		Flange		Installation Dimensions(mm)															Weight(kg)		
Model	Model	kw	DN1	DN2	a	h1	h2	L1	L2	L	A	B	H	HD	m1	m2	n1	n2	S1	S2	Pump	Motor	Total
EAZS50/16-00554	Y2-801-4	0.55							167	407	125	100	80	220							35	16	51
EAZS50/16-00754	Y2-802-4	0.75						152													35	17	52
EAZS50/16-01104	Y2-90S-4	1.1							173	422	140	100	90	250						10	36	22	58
EAZS50/16-01504	Y2-90L-4	1.5	65	50			180			447		125			100	70	265				36	27	62
EAZS50/16-05502	Y2-132S1-2	5.5						187	241	577	216	140	132	345						12	42	65	107
EAZS50/16-07502	Y2-132S2-2	7.5																			42	69	111
EAZS50/16-11002	Y2-160M1-2	11						219	292	724	254	210	160	420						15	45	108	153
EAZS50/16-15002	Y2-160M2-2	15																			45	109	154
EAZS65/16-00754	Y2-802-4	0.75			100	160			154.5	407	125	100	80	220				212			39	17	56
EAZS65/16-01104	Y2-90S-4	1.1						152		422		100								10	40	22	62
EAZS65/16-01504	Y2-90L-4	1.5							160.5	447	140	125	90	250					14		40	27	67
EAZS65/16-02204	Y2-100L1-4	2.2						164	179.5	489	160	140	100	270							42	34	75
EAZS65/16-05502	Y2-132S1-2	5.5	80	65			200	187	228.5	577	216	140	132	345	125	95	280			12	47	65	112
EAZS65/16-07502	Y2-132S2-2	7.5																			47	69	116
EAZS65/16-11002	Y2-160M1-2	11						219	279.5	724	254	210	160	420						15	49	108	157
EAZS65/16-15002	Y2-160M2-2	15																			49	109	158
EAZS65/16-18502	Y2-160L-2	18.5								779		254									49	133	182
EAZS80/16-01504	Y2-90L-4	1.5						152	160.5	447	140	125	90	250						10	49	27	76
EAZS80/16-02204	Y2-100L1-4	2.2	100	80	125	180	225	164	179.5	489	160	140	100	270	125	95	320	250		12	51	34	85
EAZS80/16-03004	Y2-100L2-4	3																			51	37	88
EAZS80/16-11002	Y2-160M1-2	11						219	279.5	724	254	210	160	420						15	58	108	166
EAZS80/16-15002	Y2-160M2-2	15							279.5	724	254	210	160	420							58	109	167
EAZS80/16-18502	Y2-160L-2	18.5	100	80	125	180	225	219		779		254			125	95	320	250	14	15	58	133	191
EAZS80/16-22002	Y2-180M-2	22							292.5	809	279	241	180	455							58	155	213
EAZS80/16-30002	Y2-200L1-2	30						222	307.5	882	318	305	200	505						19	66	224	290
EAZS100/16-02204	Y2-100L1-4	2.2							194	516	160	140	100	270							70	34	104
EAZS100/16-03004	Y2-100L2-4	3						191												12	70	37	107
EAZS100/16-04004	Y2-112M-4	4							201	531	190	140	112	300							71	47	118
EAZS100/16-15002	Y2-160M2-2	15	125	100	125	200	250		294	751	254	210	160	420	160	120	360	280	18		78	109	187
EAZS100/16-18502	Y2-160L-2	18.5						246		806	254	241								15	78	133	211
EAZS100/16-22002	Y2-180M-2	22							307	836	279	241	180	455							80	155	235
EAZS100/16-30002	Y2-200L1-2	30						249	322	909	318	305	200	505						19	82	224	306
EAZS32/20-00554	Y2-801-4	0.55							167	407	125	100	80	220							38	16	54
EAZS32/20-00754	Y2-802-4	0.75						152												10	38	17	55
EAZS32/20-01104	Y2-90S-4	1.1							173	422	140	100	90	250							39	22	62
EAZS32/20-01504	Y2-90L-4	1.5	50	32	80	160	180			447		125									39	27	66
EAZS32/20-04002	Y2-112M-2	4						164	199	504	190	140	112	300							42	43	85
EAZS32/20-05502	Y2-132S1-2	5.5						187	241	577	216	140	132	345						12	44	65	109
EAZS32/20-07502	Y2-132S2-2	7.5																			44	69	114
EAZS32/20-11002	Y2-160M1-2	11						219	292	724	254	210	160	420						15	49	108	157
EAZS40/20-00754	Y2-802-4	0.75							167	407	125	100	80	220							37	17	54
EAZS40/20-01104	Y2-90S-4	1.1						152		422		100								10	38	22	61
EAZS40/20-01504	Y2-90L-4	1.5							173	447	140	125	90	250							38	27	65
EAZS40/20-05502	Y2-132S1-2	5.5	65	40			180	187	241	577	216	140	132	345						12	43	65	108
EAZS40/20-07502	Y2-132S2-2	7.5			100	160									100	70	265	212	14		43	69	112
EAZS40/20-11002	Y2-160M1-2	11						219	292	724	254	210	160	420						15	48	108	156
EAZS50/20-01104	Y2-90S-4	1.1	65	50			200	155	173	425	140	100	90	250						10	43	22	65
EAZS50/20-01504	Y2-90L-4	1.5								450		125									43	27	70
EAZS50/20-02204	Y2-100L1-4	2.2						167	192	492	160	140	100	270						12	46	34	79
EAZS50/20-07502	Y2-132S2-2	7.5						190	241	580	216	140	132	345						12	48	69	117
EAZS50/20-11002	Y2-160M1-2	11	65	50	100	160	200	222	292	727	254	210	160	420	100	70	265	212		15	53	108	161
EAZS50/20-15002	Y2-160M2-2	15																			53	109	162
EAZS50/20-18502	Y2-160L-2	18.5								782		254									53	133	185
EAZS65/20-02204	Y2-100L1-4	2.2							179.5	489	160	140	100	270							50	34	83
EAZS65/20-03004	Y2-100L2-4	3						164												12	50	37	86
EAZS65/20-04004	Y2-112M-4	4							186.5	504	190	140	112	300							50	47	96
EAZS65/20-15002	Y2-160M2-2	15	80	65	100	180	225		279.5	724	254	210	160	420	125	95	320	250			57	109	166
EAZS65/20-18502	Y2-160L-2	18.5						219		779		254								15	57	133	189
EAZS65/20-22002	Y2-180M-2	22							292.5	809	279	241	180	455					14		57	155	212
EAZS65/20-30002	Y2-200L1-2	30						222	307.5	882	318	305	200	505						19	63	224	288
EAZS80/20-03004	Y2-100L2-4	3						180	195.5	505	160	140	100	270							56	37	93
EAZS80/20-04004	Y2-112M-4	4							202.5	520	190	140	112	300						12	56	47	103
EAZS80/20-05504	Y2-132S-4	5.5						203	244.5	593	216	140	132	345							60	65	125
EAZS80/20-07504	Y2-132M-4	7.5	100	80	125	180	250			633		178			125	95	345	280			60	79	138
EAZS80/20-22002	Y2-180M-2	22						235	308.5	825	279	241	180	455						15	68	155	223
EAZS80/20-30002	Y2-200L1-2	30						238	323.5	898	318	305	200	505						19	70	224	294
EAZS80/20-37002	Y2-200L2-2	37																			70	235	305
EAZS80/20-45002	Y2-225M-2	45							339.5	943	356	311	225	560							75	286	360

EAZS	Motor(B35)		Flange		Installation Dimensions(mm)															Weight(kg)		
Model	Model	kw	DN1	DN2	a	h1	h2	L1	L2	L	A	B	H	HD	m1	m2	n1	n2	S1	S2	Pump	Motor	Total
EAZS100/20-03004	Y2-100L2-4	3							183	505	160	140	100	270							68	37	105
EAZS100/20-04004	Y2-112M-4	4						180	190	520	190	140	112	300						12	68	47	115
EAZS100/20-05504	Y2-132S-4	5.5							593		140										69	65	134
EAZS100/20-07504	Y2-132M-4	7.5						203	232	633	216	178	132	345							69	79	147
EAZS100/20-11004	Y2-160M-4	11	125	100	125	200	280	235	283	740	254	210	160	420	160	120	360	280	18	15	72	108	180
EAZS100/20-30002	Y2-200L1-2	30								898											79	224	303
EAZS100/20-37002	Y2-200L2-2	37						238	311		318	305	200	505						19	79	235	313
EAZS100/20-45002	Y2-225M-2	45							327	943	356	311	225	560							83	286	369
EAZS100/20-55002	Y2-250M-2	55						272	380	1042	406	349	250	615						24	95	373	469
EAZS100/20-75002	Y2-280S-2	75	125	100	125	200	280	272	402	1117	457	368	280	680	160	120	360	280	18	24	96	485	580
EAZS125/20-07504	Y2-132M-4	7.5						203	232	633	216	178	132	345						12	92	79	171
EAZS125/20-11004	Y2-160M-4	11						235	283	740	254	210	160	420						15	96	108	204
EAZS125/20-45002	Y2-225M-2	45	150	125	140	250	315	238	327	943	356	311	225	560	160	120	400	315	18	19	106	286	392
EAZS125/20-55002	Y2-250M-2	55							380	1042	406	349	250	615							118	373	491
EAZS125/20-75002	Y2-280S-2	75						272	402	1117	457	368	280	680						24	119	485	604
EAZS125/20-90002	Y2-280M-2	90								1167		419									122	541	663
EAZS150/20-11004	Y2-160M-4	11							295	767	254	241	160	420							96	108	204
EAZS150/20-15004	Y2-160L-4	15	200	150	160	280	400	262		822		254			200	150			23	15	96	129	225
EAZS150/20-18504	Y2-180M-4	18.5							308	852	279	241	180	455							98	157	255
EAZS32/26-02204	Y2-100L1-4	2.2						174	187.5	499	160	140	100	270						12	55	34	89
EAZS32/26-03004	Y2-100L2-4	3																			55	37	92
EAZS32/26-11002	Y2-160M1-2	11	50	32						734		210									63	108	171
EAZS32/26-15002	Y2-160M2-2	15						229	287.5		254		160	420						15	63	109	173
EAZS32/26-18502	Y2-160L-2	18.5								789		254									63	133	196
EAZS32/26-22002	Y2-180M-2	22							300.5	819	279	241	180	455							64	155	219
EAZS40/26-02204	Y2-100L1-4	2.2						174	187.5	499	160	140	100	270						12	55	34	89
EAZS40/26-03004	Y2-100L2-4	3																			55	37	92
EAZS40/26-11002	Y2-160M1-2	11	65	40	100	180	225			734		210									63	108	171
EAZS40/26-15002	Y2-160M2-2	15						229	287.5		254		160	420	125	95	320		14	15	63	109	172
EAZS40/26-18502	Y2-160L-2	18.5								789		254						250			63	133	195
EAZS40/26-22002	Y2-180M-2	22							300.5	819	279	241	180	455							63	155	218
EAZS50/26-02204	Y2-100L1-4	2.2						175	187.5	500	160	140	100	270						12	56	34	90
EAZS50/26-03004	Y2-100L2-4	3																			56	37	93
EAZS50/26-04004	Y2-112M-4	4	65	50					194.5	515	190	178	112	300							56	47	103
EAZS50/26-05504	Y2-132S-4	5.5						198	236.5	588	216	140	132	345							60	65	125
EAZS50/26-18502	Y2-160L-2	18.5						230	287.5	790	254	254	160	420						15	62	133	195
EAZS50/26-22002	Y2-180M-2	22							300.5	820	279	241	180	455							65	155	220
EAZS50/26-30002	Y2-200L1-2	30	65	50	100	180	225	233	315.5	893	318	305	200	505	125	95	320	250	14	19	71	224	295
EAZS50/26-37002	Y2-200L2-2	37																			71	235	306
EAZS65/26-04004	Y2-112M-4	4						180	190	520	190	140	112	300						12	66	47	113
EAZS65/26-05504	Y2-132S-4	5.5						203	232	593	216	140	132	345							68	65	133
EAZS65/26-07504	Y2-132M-4	7.5								633		178									68	79	147
EAZS65/26-30002	Y2-200L1-2	30	80	65	100	200	250	238	311	898	318	305	200	505						19	80	224	304
EAZS65/26-37002	Y2-200L2-2	37																			80	235	315
EAZS65/26-45002	Y2-225M-2	45						238	327	943	356	311	225	560							84	286	370
EAZS65/26-55002	Y2-250M-2	55						272	380	1042	406	349	250	615	160	120				24	98	373	471
EAZS80/26-05504	Y2-132S-4	5.5						203	232	593	216	140	132	345						12	75	65	140
EAZS80/26-07504	Y2-132M-4	7.5								633		178									75	79	153
EAZS80/26-11004	Y2-160M-4	11						235	283	740	254	210	160	420						15	81	108	189
EAZS80/26-37002	Y2-200L2-2	37	100	80	125	200	280	238	311	898	318	305	200	505			400	315	18	19	100	235	335
EAZS80/26-45002	Y2-225M-2	45							327	943	356	311	225	560							102	286	388
EAZS80/26-55002	Y2-250M-2	55						272	380	1042	406	349	250	615						24	105	373	478
EAZS80/26-75002	Y2-280S-2	75							402	1117	457	368	280	680							105	485	589
EAZS100/26-07504	Y2-132M-4	7.5						207	236	637	216	178	132	345						12	85	79	164
EAZS100/26-11004	Y2-160M-4	11						239	287	744	254	210	160	420						15	89	108	197
EAZS100/26-15004	Y2-160L-4	15	125	100			225	280		799		254									89	129	217
EAZS100/26-55002	Y2-250M-2	55						276	384	1046	406	349	250	615						24	105	373	478
EAZS100/26-75002	Y2-280S-2	75							406	1121	457	368	280	680							112	485	597
EAZS100/26-90002	Y2-280M-2	90			140					1171		419			160	120	400	315	18		112	541	653
EAZS125/26-11004	Y2-160M-4	11						239	287	744	254	210	160	420						15	104	108	212
EAZS125/26-15004	Y2-160L-4	15								799		254									104	129	233
EAZS125/26-18504	Y2-180M-4	18.5	150	125			250	355		829	279	241	180	455							104	157	261
EAZS125/26-22004	Y2-180L-4	22							300	869		279									104	179	283
EAZS125/26-30004	Y2-200L-4	30						242	315	901	318	305	200	505						19	110	240	350
EAZS150/26-15004	Y2-160L-4	15	200	150	160	250	355	248	281	808	254	254	160	420	200	150	450	350	23	15	135	129	264
EAZS150/26-18504	Y2-180M-4	18.5							294	838	279	241	180	455							135	157	292
EAZS150/26-22004	Y2-180L-4	22	200	150	160	250	355	248		878		279			200	150	450	350	23	15	135	179	314
EAZS150/26-30004	Y2-200L-4	30							306	908	318	305	200	505						19	154	240	394

EAZS	Motor(B35)	Flange		Installation Dimensions(mm)															Weight(kg)		
Model	Model	kw	DN1	DN2	a	h1	h2	L1	L2	L	A	B	H	HD	m1	m2	n1	n2	S1	S2	Pump	Motor	Total
EAZS40/32-03004	Y2-100L2-4	3	65	40	125	200	250	180	195.5	505	160	140	100	270	125	95	345	280	14	12	75	37	112
EAZS40/32-04004	Y2-112M-4	4							202.5	520	190	140	112	300							75	47	122
EAZS40/32-05504	Y2-132S-4	5.5						202	243.5	592	216	140	132	345							79	65	144
EAZS40/32-07504	Y2-132M-4	7.5								632		178									79	79	157
EAZS40/32-22002	Y2-180M-2	22						238	311.5	828	279	241	180	455						15	84	155	239
EAZS40/32-30002	Y2-200L1-2	30						238	323.5	898	318	305	200	505						19	88	224	313
EAZS40/32-37002	Y2-200L2-2	37																			88	235	323
EAZS40/32-45002	Y2-225M-2	45							339.5	943	356	311	225	560							96	286	381
EAZS40/32-55002	Y2-250M-2	55						274	394.5	1044	406	349	250	615						24	114	373	487
EAZS50/32-04004	Y2-112M-4	4	65	50	125	225	280	180	202.5	520	190	140	112	300	160	120	400	315	18	12	77	47	124
EAZS50/32-05504	Y2-132S-4	5.5						202	243.5	592	216	140	132	345							81	65	147
EAZS50/32-07504	Y2-132M-4	7.5								632		178									81	79	160
EAZS50/32-11004	Y2-160M-4	11						238	298.5	743	254	210	160	420						15	86	108	194
EAZS50/32-37002	Y2-200L2-2	37						238	323.5	898	318	305	200	505						19	91	235	325
EAZS50/32-45002	Y2-225M-2	45							339.5	943	356	311	225	560							98	286	384
EAZS50/32-55002	Y2-250M-2	55						274	394.5	1044	406	349	250	615						24	116	373	490
EAZS50/32-75002	Y2-280S-2	75							416.5	1119	457	368	280	680							117	485	601
EAZS65/32-05504	Y2-132S-4	5.5	80	65				201	230	591	216	140	132	345						12	92	65	157
EAZS65/32-07504	Y2-132M-4	7.5								631		178									92	79	171
EAZS65/32-11004	Y2-160M-4	11						235	283	740	254	210	160	420						15	95	108	203
EAZS65/32-15004	Y2-160L-4	15								795		254									95	129	224
EAZS65/32-45002	Y2-225M-2	45						252	341	957	356	311	225	560						19	116	286	401
EAZS65/32-55002	Y2-250M-2	55						272	380	1042	406	349	250	615						24	122	373	496
EAZS65/32-75002	Y2-280S-2	75							402	1117	457	368	280	680							122	485	607
EAZS65/32-90002	Y2-280M-2	90								1167		419									122	541	663
EAZS80/32-07504	Y2-132M-4	7.5	100	80	125	250	315	201	230	631	216	178	132	345	160	120	400	315	18	12	95	79	174
EAZS80/32-11004	Y2-160M-4	11						235	283	740	254	210	160	420						15	100	108	208
EAZS80/32-15004	Y2-160L-4	15								795		254									100	129	229
EAZS80/32-18504	Y2-180M-4	18.5							296	825	279	241	180	455							105	157	262
EAZS80/32-75002	Y2-280S-2	75						272	402	1117	457	368	280	680						24	127	485	612
EAZS80/32-90002	Y2-280M-2	90								1167		419									127	541	668
EAZS100/32-11004	Y2-160M-4	11	125	100	140	280	355	235	283	740	254	210	160	420	200	150	500	400	23	15	105	108	213
EAZS100/32-15004	Y2-160L-4	15								795		254									105	129	233
EAZS100/32-18504	Y2-180M-4	18.5							296	825	279	241	180	455							105	157	262
EAZS100/32-22004	Y2-180L-4	22								865		279									105	179	283
EAZS100/32-30004	Y2-200L-4	30						237	310	897	318	305	200	505						19	111	240	351
EAZS125/32-15004	Y2-160L-4	15	150	125	140			249	282	809	254	254	160	420						15	138	129	266
EAZS125/32-18504	Y2-180M-4	18.5							295	839	279	241	180	455							138	157	295
EAZS125/32-22004	Y2-180L-4	22								879		279									138	179	316
EAZS125/32-30004	Y2-200L-4	30							307	909	318	305	200	505						19	140	240	379
EAZS125/32-37004	Y2-225S-4	37						285	359	965	356	286	225	560							148	301	449
EAZS150/32-22004	Y2-180L-4	22	200	150	160		400	250	295	880	279	279	180	455						15	153	179	332
EAZS150/32-30004	Y2-200L-4	30							307	910	318	305	200	505						19	155	240	395
EAZS150/32-37004	Y2-225S-4	37						286	359	966	356	286	225	560							163	301	464
EAZS150/32-45004	Y2-225M-4	45								991		311									163	312	476
EAZS150/32-55004	Y2-250M-4	55							378	1056	406	349	250	615						24	178	383	561
EAZS80/40-15004	Y2-160L-4	15	100	80	125	280	355	249	297	809	254	254	160	420	160	120	400	340	18	15	140	129	269
EAZS80/40-18504	Y2-180M-4	18.5							310	839	279	241	180	455							142	157	299
EAZS80/40-22004	Y2-180L-4	22								879		279									142	179	321
EAZS80/40-30004	Y2-200L-4	30							322	909	318	305	200	505						19	148	240	387
EAZS100/40-22004	Y2-180L-4	22	125	100	140				295	879	279	279	180	455	200	150	500	400	23	15	160	179	339
EAZS100/40-30004	Y2-200L-4	30							307	909	318	305	200	505						19	162	240	401
EAZS100/40-37004	Y2-225S-4	37						284	358	964	356	286	225	560							168	301	469
EAZS100/40-45004	Y2-225M-4	45	125	100		280	355	284	358	989	356	311	225	560							168	312	480
EAZS125/40-30004	Y2-200L-4	30	150	125	140			249	307	909	318	305	200	505	200	150	500	400	23	19	170	240	410
EAZS125/40-37004	Y2-225S-4	37								964		286									176	301	476
EAZS125/40-45004	Y2-225M-4	45						284	358	989	356	311	225	560							176	312	488
EAZS125/40-55004	Y2-250M-4	55							377	1054	406	349	250	615						24	180	383	562
EAZS125/40-75004	Y2-280S-4	75				315			399	1129	457	368	280	680							181	544	725
EAZS150/40-37004	Y2-225S-4	37	200	150	160		450	286	358	966	356	286	225	560						19	200	301	501
EAZS150/40-45004	Y2-225M-4	45								991		311									200	312	512
EAZS150/40-55004	Y2-250M-4	55							377	1056	406	349	250	615						24	203	383	586
EAZS150/40-75004	Y2-280S-4	75							399	1131	457	368	280	680							205	544	748
EAZS150/40-90004	Y2-280M-4	90								1181		419									205	587	791

Please ask for our technical CD for EAZS series 60Hz installation dimensions.

Applications

- Cold and Hot Water Circulation Pump
- Municipal water supply
- HVAC and Cooling Tower
- Booster Pump
- Pool and fountain water transfer

Description & Features

EIFEL EG series are vertical in-line pumps. The biggest feauture is vertical structure which sharply reduces installation space. Motor shaft is pluged into pump shaft to ensure alignment of pump and motor. This series pump adopts IEC standard motor and pump head can be assembled separately.

Model Instruction:

EG 65 - 20 -1850 2 X-X-X- M

- M: Mechanical Seal
- X-X-X: Casing - Impeller - Shaft Material
- 2: 2P Motor
- 1850: Motor Power 18.5kw
- 20: Impeller Nominal Diameter
- 65: Discharge Size
- EG: Series

Material Code

C: Cast Iron	45: ASTM 1045S
Q: Ductile Iron	304: ASTM 304S
B: Brass	316: ASTM 316
S: ASTM 420	M: Mechanical Seal

Design & Structure

Design	Performance referring to BS EN733/DIN24255 standard
Structure	Vertical, Single-Stage, Single-Suction, Volute, Casing, In-line, Close-coupled
DN (mm)	40~200
Flange	DIN2501 PN16 GB / T17241.6 PN1.6
Motor	IEC standard motor

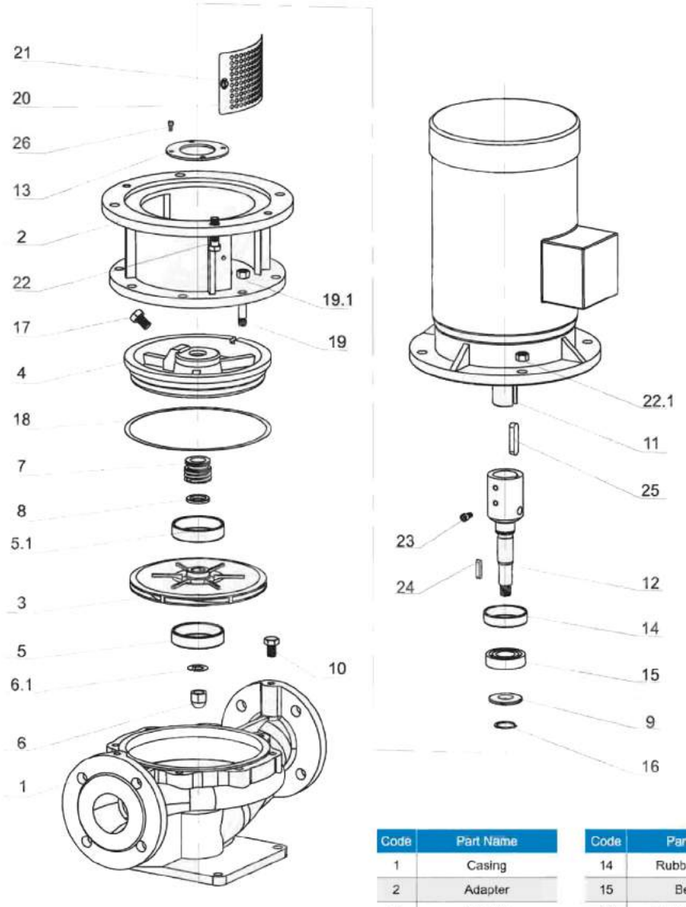
Material

Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron
Impeller	Brass	Cast Iron / ASTM304 / ASTM316
Shaft	ASTM420	ASTM304 / ASTM316 / ASTM1045
Shaft Seal	Mechanical Seal	-

Operating Data

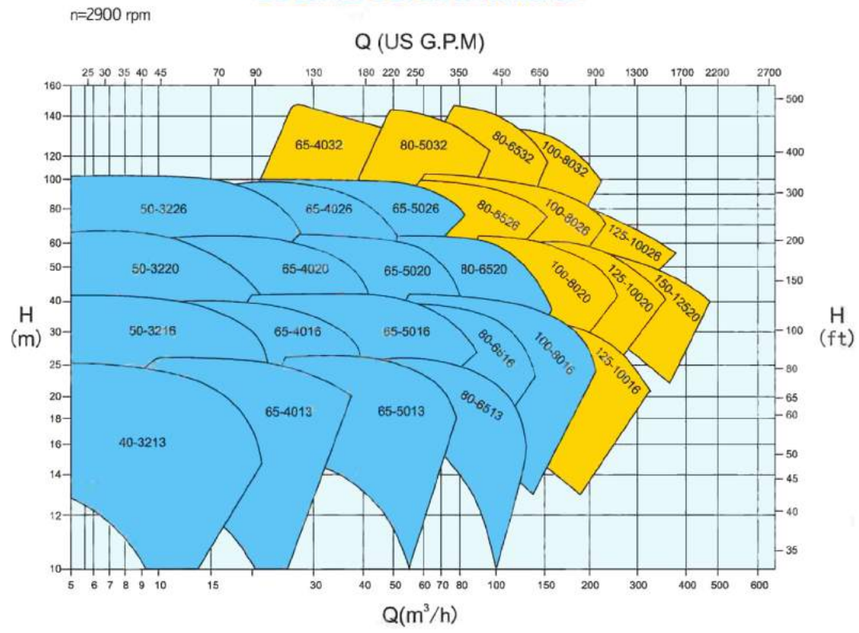
Flow Rate(Q)	4~500m³/h
Head(H)	8~150m
Speed	1450 or 2900 rpm (50Hz) / 1750 or 3500 rpm (60Hz)
Max Temperature	85℃(standard)
Working Pressure	1.0 MPa standard; 1.6 MPa on request
Conveying Medium	Clean water or liquids similar to clean water in physical property

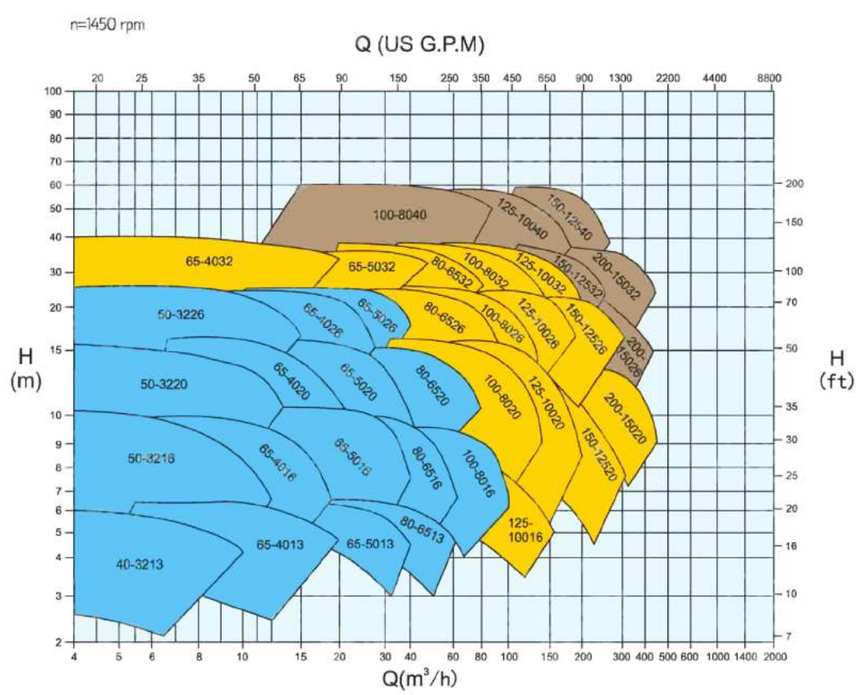
EG Series Explode View & List of Parts



Code	Part Name	Code	Part Name
1	Casing	14	Rubber Check
2	Adapter	15	Bearing
3	Impeller	16	External Circlip
4	Casing Cover	17	Plug
5	Wear Ring (Front)	18	Casing Gasket
5.1	Wear Ring (Back)	19	Screw Bolt
6	Impeller Nut	19.1	Screw Nut
6.1	Lock Washer	20	Guard
7	Mech. Seal	21	Screw
8	Seal Seat	22	Screw Bolt
9	Rubber Slinger	22.1	Screw Nut
10	Plug	23	Screw
11	V1 Motor	24	Key
12	Shaft	25	Key
13	Bearing Cover	26	Screw

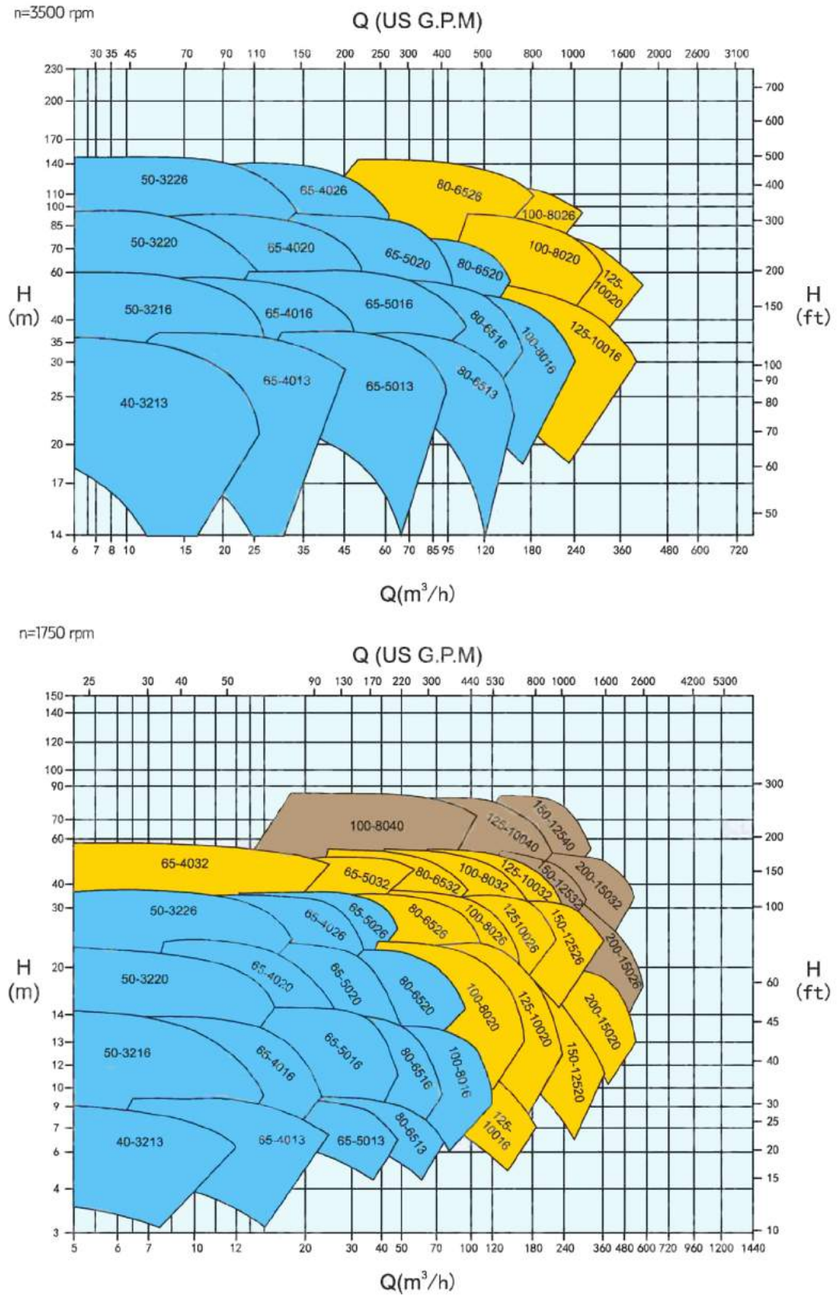
EG Series-50Hz Performance





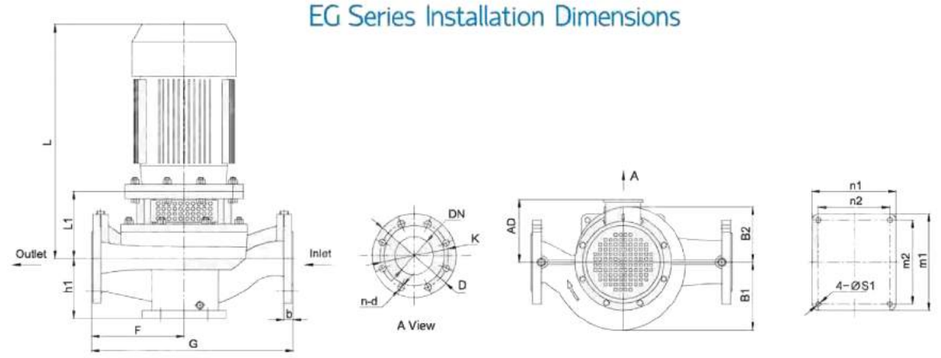
Performance to ISO9906 Grade 2 for clean cold water only

EG Series-60Hz Performance



Performance to ISO9906 Grade 2 for clean cold water only

EG Series Installation Dimensions



EG	Motor(V1)		Installation Dimensions(mm)											Flange Dimensions(mm)					Weight(kg)		
Model	Model	kw	h1	L1	F	G	L	AD	B1	B2	n2xm2	n1xm1	s1	DN	D	K	n-d	b	Pump	Motor	Total
EG40-3213-00554	Y2-801-4	0.55	113	152	150	310	407	145	104	95				40	150	110	4-Φ18	18	32	16	48
EG40-3213-01102	Y2-802-2	1.1																	32	17	49
EG40-3213-01502	Y2-90S-2	1.5					422	155											32	21	53
EG40-3213-02202	Y2-90L-2	2.2					447												32	26	57
EG65-4013-00554	Y2-801-4	0.55	128	164	175	360	407	145	113	99				65	185	145	4-Φ18	20	37	16	53
EG65-4013-01502	Y2-90S-2	1.5					422	155											38	21	59
EG65-4013-02202	Y2-90L-2	2.2					447												38	26	63
EG65-4013-03002	Y2-100L-2	3					489	180											40	44	84
EG65-4013-04002	Y2-112M-2	4					504	190											40	43	83
EG65-5013-00554	Y2-801-4	0.55	155	152	200	410	407	145	130	105	170x200	200x230	12						40	16	56
EG65-5013-00754	Y2-802-4	0.75																	40	17	57
EG65-5013-01104	Y2-90S-4	1.1					422	155											41	22	63
EG65-5013-04002	Y2-112M-4	4		164			504	190											46	43	89
EG65-5013-05502	Y2-132S1-2	5.5		187			577	210											49	65	115
EG65-5013-07502	Y2-132S2-2	7.5																	49	69	119
EG80-6513-00754	Y2-802-4	0.75	160	152	220	460	407	145	140	116				80	200	160	8-Φ18	25	44	17	61
EG80-6513-01104	Y2-90S-4	1.1					422	155											45	22	68
EG80-6513-07502	Y2-132S2-2	7.5		187			577	210											54	69	123
EG80-6513-11002	Y2-160M1-2	11		220			725	255											62	108	170
EG50-3216-00554	Y2-801-4	0.55	118	152	160	320	407	145	115	115				50	165	125	4-Φ18	20	36	16	52
EG50-3216-00754	Y2-802-4	0.75																	36	17	53
EG50-3216-02202	Y2-90L-2	2.2					447	155											36	26	62
EG50-3216-03002	Y2-100L-2	3		164			489	180											38	44	82
EG50-3216-04002	Y2-112M-2	4					504	190											38	43	81
EG50-3216-05502	Y2-132S1-2	5.5		187			577	210											42	65	107
EG65-4016-00554	Y2-801-4	0.55	138	152	175	370	407	145	128	115				65	185	145	4-Φ18	20	42	16	58
EG65-4016-00754	Y2-802-4	0.75																	42	17	59
EG65-4016-01104	Y2-90S-4	1.1					422	155											43	22	65
EG65-4016-03002	Y2-100L-2	3		164			489	180											44	44	88
EG65-4016-04002	Y2-112M-2	4					504	190											44	43	87
EG65-4016-05502	Y2-132S1-2	5.5		187			577	210											49	65	114
EG65-4016-07502	Y2-132S2-2	7.5																	49	69	118
EG65-5016-00554	Y2-801-4	0.55	138	152	220	440	407	145	140	120				65	185	145	4-Φ18	20	44	16	60
EG65-5016-00754	Y2-802-4	0.75																	44	17	61
EG65-5016-01104	Y2-90S-4	1.1					422	155											45	22	67
EG65-5016-01504	Y2-90L-4	1.5					447												45	27	71
EG65-5016-05502	Y2-132S1-2	5.5		187			577	210											51	65	116
EG65-5016-07502	Y2-132S2-2	7.5																	51	69	120
EG65-5016-11002	Y2-160M1-2	11		220			725	255											54	108	162
EG65-5016-15002	Y2-160M2-2	15																	54	109	163
EG80-6516-00754	Y2-802-4	0.75	158	152	220	480	407	145	162	132				80	200	160	8-Φ18	25	50	17	67
EG80-6516-01104	Y2-90S-4	1.1					422	155											52	22	74
EG80-6516-01504	Y2-90L-4	1.5					447												52	27	79
EG80-6516-02204	Y2-100L1-4	2.2		164			489	180											55	34	88
EG80-6516-07502	Y2-132S2-2	7.5		187			577	210											60	69	129
EG80-6516-11002	Y2-160M1-2	11		220			725	255											62	108	170
EG80-6516-15002	Y2-160M2-2	15																	62	109	171

EG	Motor(V1)		Installation Dimensions(mm)											Flange Dimensions(mm)					Weight(kg)		
Model	Model	kw	h1	L1	F	G	L	AD	B1	B2	n2xm2	n1xm1	s1	DN	D	K	n-d	b	Pump	Motor	Total
EG100-8016-01504	Y2-90L-4	1.5	188	152	260	540	447	155	168	136	170x200	200x230	12	100	220	180	8-Φ18	24	56	27	83
EG100-8016-02204	Y2-100L1-4	2.2		164			489	180											58	34	92
EG100-8016-03004	Y2-100L2-4	3																	58	37	95
EG100-8016-11002	Y2-160M1-2	11		220			725	255											65	108	173
EG100-8016-15002	Y2-160M2-2	15																	65	109	174
EG100-8016-18502	Y2-160L-2	18.5					780												65	133	198
EG100-8016-22002	Y2-180M-2	22					810	280											66	155	221
EG100-8016-30002	Y2-200L1-2	30		222			882	305											73	224	298
EG125-10016-03004	Y2-100L2-4	3	220	179	330	690	504	180	202	162	260x260	300x300	18	125	250	210	8-Φ18	26	100	37	137
EG125-10016-04004	Y2-112M-4	4	220	179	330	690	519	190	202	162	260x260	300x300	18	125	250	210	8-Φ18	26	102	47	149
EG125-10016-18502	Y2-160L-2	18.5		234			794	255											108	133	241
EG125-10016-22002	Y2-180M-2	22					824	280											110	155	265
EG125-10016-30002	Y2-200L1-2	30		237			897	305											113	224	337
EG50-3220-00554	Y2-801-4	0.55	118	151	210	420	406	145	137	134	170x200	200x230	14	50	165	125	4-Φ18	20	45	16	61
EG50-3220-00754	Y2-802-4	0.75																	45	17	62
EG50-3220-01104	Y2-90S-4	1.1					421	155											46	22	68
EG50-3220-01504	Y2-90L-4	1.5					446												46	27	72
EG50-3220-05502	Y2-132S1-2	5.5		186			576	210											51	65	116
EG50-3220-07502	Y2-132S2-2	7.5																	51	69	120
EG50-3220-11002	Y2-160M1-2	11		218			723	255											55	108	163
EG65-4020-00754	Y2-802-4	0.75	138	151	240	480	406	145	144	134				65	185	145			50	17	67
EG65-4020-01104	Y2-90S-4	1.1					421	155											51	22	73
EG65-4020-01504	Y2-90L-4	1.5					446												51	27	77
EG65-4020-05502	Y2-132S1-2	5.5		186			576	210											56	65	121
EG65-4020-07502	Y2-132S2-2	7.5																	56	69	125
EG65-4020-11002	Y2-160M1-2	11		218			723	255											60	108	168
EG65-5020-01504	Y2-90L-4	1.5		154			449	155	158	142									52	27	78
EG65-5020-02204	Y2-100L1-4	2.2		166			491	180											54	34	87
EG65-5020-03004	Y2-100L2-4	3																	54	37	90
EG65-5020-11002	Y2-160M1-2	11		221			726	255											61	108	169
EG65-5020-15002	Y2-160M2-2	15																	61	109	170
EG65-5020-18502	Y2-160L-2	18.5					781												61	133	194
EG80-6520-02204	Y2-100L1-4	2.2	150	163	260	540	488	180	170	148				80	200	160	8-Φ18	25	62	34	96
EG80-6520-03004	Y2-100L2-4	3																	62	37	99
EG80-6520-04004	Y2-112M-4	4					503	190											62	47	109
EG80-6520-15002	Y2-160M2-2	15		218			723	255											69	109	178
EG80-6520-18502	Y2-160L-2	18.5					778												69	133	202
EG80-6520-22002	Y2-180M-2	22	150	218	260	540	808	280	170	148				80	200	160	8-Φ18	25	70	155	225
EG80-6520-30002	Y2-200L1-2	30		221			881	305											76	224	300
EG100-8020-03004	Y2-100L2-4	3	188	179	290	600	504	180	192	166	170x200	200x230	14	100	220	180	8-Φ18	24	76	37	113
EG100-8020-04004	Y2-112M-4	4					519	190											76	47	123
EG100-8020-05504	Y2-132S-4	5.5		202			592	210											80	65	145
EG100-8020-07504	Y2-132M-4	7.5					632												80	79	158
EG100-8020-22002	Y2-180M-2	22		234			824	280											88	155	243
EG100-8020-30002	Y2-200L1-2	30		237			897	305											90	224	314
EG100-8020-37002	Y2-200L2-2	37																	90	235	325
EG100-8020-45002	Y2-225M-2	45					942	335											95	286	380
EG125-10020-04004	Y2-112M-4	4	220	179	330	680	519	190	208	170	200x250	250x300	18	125	250	210	8-φ18	26	97	47	144
EG125-10020-05504	Y2-132S-4	5.5		202			592	210											99	65	164
EG125-10020-07504	Y2-132M-4	7.5					632												99	79	178
EG125-10020-11004	Y2-160M-4	11		234			739	254											103	108	211
EG125-10020-30002	Y2-200L1-2	30		237			897	305											109	224	333
EG125-10020-37002	Y2-200L2-2	37					897	305											109	235	344
EG125-10020-45002	Y2-225M-2	45		237			942	335											114	286	399
EG125-10020-55002	Y2-250M-2	55		271			1041	370											126	373	499
EG125-10020-75002	Y2-280S-2	75					1116	410											126	485	610
EG150-12520-07504	Y2-132M-4	7.5	260	202	360	740	632	210	242	186				150	285	240	8-Φ22		126	79	204
EG150-12520-11004	Y2-160M-4	11		234			739	255											129	108	238
EG150-12520-55002	Y2-250M-2	55		271			1041	370											152	373	525
EG150-12520-75002	Y2-280S-2	75					1116	410											153	485	637
EG150-12520-90002	Y2-280M-2	90					1166												153	541	694
EG200-15020-11004	Y2-160M-4	11	280	261	400	840	766	255	256	198	340x340	420x420	18	200	340	295	12-Φ22	28	165	108	273
EG200-15020-15004	Y2-160L-4	15					821												165	129	294
EG200-15020-18504	Y2-180M-4	18.5					851	280											167	157	324
EG50-3226-02204	Y2-100L1-4	2.2	118	173	230	470	498	180	168	168	170x200	200x230	14	50	165	125	4-Φ18	20	62	34	96

EG	Motor(V1)		Installation Dimensions(mm)											Flange Dimensions(mm)					Weight(kg)		
Model	Model	kw	h1	L1	F	G	L	AD	B1	B2	n2xm2	n1xm1	s1	DN	D	K	n-d	b	Pump	Motor	Total
EG50-3226-03004	Y2-100L2-4	3	118	173	230	470	498	180	168	168	170x200	200x230	14	50	165	125	4-Φ18	20	62	37	99
EG50-3226-11002	Y2-160M1-2	11		228			733	255											70	108	178
EG50-3226-15002	Y2-160M2-2	15																	70	109	179
EG50-3226-18502	Y2-160L-2	18.5					788												70	133	202
EG65-4026-02204	Y2-100L1-4	2.2	138	173	260	520	498	180	178	164				65	185	145			66	34	100
EG65-4026-03004	Y2-100L2-4	3																	66	37	103
EG65-4026-11002	Y2-160M1-2	11		228			733	255											74	108	182
EG65-4026-15002	Y2-160M2-2	15																	74	109	183
EG65-4026-18502	Y2-160L-2	18.5					788												74	133	207
EG65-4026-22002	Y2-180M-2	22					818	280											74	155	229
EG65-5026-02204	Y2-100L1-4	2.2		174			497	180											68	34	102
EG65-5026-03004	Y2-100L2-4	3																	68	37	105
EG65-5026-04004	Y2-112M-4	4					512	190											68	47	115
EG65-5026-05504	Y2-132S-4	5.5		197			587	210											71	65	137
EG65-5026-18502	Y2-160L-2	18.5		229			788	280	178	164	170x200	200x230	14						75	133	208
EG65-5026-22002	Y2-180M-2	22					819												76	155	231
EG65-5026-30002	Y2-200L1-2	30		232			892	305											83	224	307
EG65-5026-37002	Y2-200L2-2	37																	83	235	317
EG80-6526-04004	Y2-112M-4	4	168	179	290	590	519	190	195	170				80	200	160	8-Φ18	22	81	47	128
EG80-6526-05504	Y2-132S-4	5.5		202			592	210											83	65	148
EG80-6526-07504	Y2-132M-4	7.5					632												83	79	162
EG80-6526-30002	Y2-200L1-2	30		237			897	305											95	224	319
EG80-6526-37002	Y2-200L2-2	37																	95	235	330
EG80-6526-45002	Y2-225M-2	45					942	335											99	286	385
EG80-6526-55002	Y2-250M-2	55		271			1041	370											113	373	486
EG100-8026-05504	Y2-132S-4	5.5	188	202	310	630	592	210	208	184	170x200	200x230	14	100	220	180	8-Φ18	24	93	65	158
EG100-8026-07504	Y2-132M-4	7.5					632												93	79	172
EG100-8026-11004	Y2-160M-4	11		234			739	255											99	108	207
EG100-8026-37002	Y2-200L2-2	37	188	237	310	630	897	305	208	184	170x200	200x230	14	100	220	180	8-Φ18	24	118	235	353
EG100-8026-45002	Y2-225M-2	45					942	335											120	286	406
EG100-8026-55002	Y2-250M-2	55		271			1041	370											123	373	496
EG100-8026-75002	Y2-280S-2	75					1116	410											123	485	607
EG125-10026-11004	Y2-160M-4	11	220	238	340	700	743	255	222	192	200x250	250x300	18	125	250	210	8-Φ18	26	125	108	233
EG125-10026-15004	Y2-160L-4	15					798												125	129	254
EG125-10026-18504	Y2-180M-4	18.5					828	280											125	157	282
EG125-10026-75002	Y2-280S-2	75		275			1120	410											148	485	633
EG125-10026-90002	Y2-280M-2	90					1170												148	541	689
EG150-12526-15004	Y2-160L-4	15	260	238	360	760	798	255	245	210				150	285	240	8-Φ22		155	129	284
EG150-12526-18504	Y2-180M-4	18.5					829	280											155	157	313
EG150-12526-22004	Y2-180L-4	22					869												155	179	334
EG150-12526-30004	Y2-200L-4	30		241			892	305											161	240	401
EG200-15026-18504	Y2-180M-4	18.5	280	248	380	830	838	280	258	210	250x300	300x350		200	340	295	12-Φ22	30	194	157	351
EG200-15026-22004	Y2-180L-4	22					878												194	179	373
EG200-15026-30004	Y2-200L-4	30					908	305											210	240	450
EG65-4032-03004	Y2-100L2-4	3	138	179	290	580	504	180	200	200	170x200	200x230	14	65	185	145	4-Φ18	20	91	37	128
EG65-4032-04004	Y2-112M-4	4					519	190											91	47	138
EG65-4032-05504	Y2-132S-4	5.5		201			591	210											95	65	160
EG65-4032-07504	Y2-132M-4	7.5					631												95	79	173
EG65-4032-22002	Y2-180M-2	22		231			828	280											100	155	255
EG65-4032-30002	Y2-200L1-2	30		237			897	305											104	224	329
EG65-4032-37002	Y2-200L2-2	37																	104	235	339
EG65-4032-45002	Y2-225M-2	45					942	335											112	286	397
EG65-5032-05504	Y2-132S-4	5.5	155	201		590	591	210	214	198									98	65	164
EG65-5032-07504	Y2-132M-4	7.5					631												98	79	177
EG65-5032-11004	Y2-160M-4	11		231			743	255											103	108	211
EG65-5032-37002	Y2-200L2-2	37		237			897	305											108	235	342

EG	Motor(V1)		Installation Dimensions(mm)											Flange Dimensions(mm)					Weight(kg)		
Model	Model	kw	h1	L1	F	G	L	AD	B1	B2	n2xm2	n1xm1	s1	DN	D	K	n-d	b	Pump	Motor	Total
EG65-5032-45002	Y2-225M-2	45	155	237	290	590	942	335	214	198	170x200	200x230	14	65	185	145	4-Φ18	20	115	286	401
EG65-5032-55002	Y2-250M-2	55		273			1043	370											133	373	507
EG65-5032-75002	Y2-280S-2	75					1118	410											134	485	618
EG80-6532-07504	Y2-132M-4	7.5	175	201	310	640	631	210	224	210	200x250	250x300	18	80	200	160	8-Φ18	22	115	79	194
EG80-6532-11004	Y2-160M-4	11		235			740	255											118	108	226
EG80-6532-15004	Y2-160L-4	15					795												118	129	246
EG80-6532-45002	Y2-225M-2	45		252			957	335											139	286	424
EG80-6532-55002	Y2-250M-2	55		272			1042	370											145	373	518
EG80-6532-75002	Y2-280S-2	75					1117	410											145	485	630
EG80-6532-90002	Y2-280M-2	90					1167												145	541	686
EG100-8032-11004	Y2-160M-4	11	186	235	340	700	740	255	237	210				100	220	180		24	127	108	236
EG100-8032-15004	Y2-160L-4	15					795												127	129	256
EG100-8032-18504	Y2-180M-4	18.5					825	280											128	157	285
EG100-8032-75002	Y2-280S-2	75		272			1117	410											155	485	639
EG100-8032-90002	Y2-280M-2	90					1167												155	541	695
EG125-10032-15004	Y2-160L-4	15	240	235	360	740	795	255	246	220				125	250	210		26	148	129	276
EG125-10032-18504	Y2-180M-4	18.5					825	280											148	157	305
EG125-10032-22004	Y2-180L-4	22					865												148	179	326
EG125-10032-30004	Y2-200L-4	30		237			897	305											154	240	394
EG150-12532-15004	Y2-160L-4	15	260	249	400	895	809	255	266	226	340x340	420x420	18	150	285	240	8-Φ22		196	129	325
EG150-12532-18504	Y2-180M-4	18.5					839	280											196	157	353
EG150-12532-22004	Y2-180L-4	22					879												196	179	375
EG150-12532-30004	Y2-200L-4	30					909	305											198	240	438
EG150-12532-37004	Y2-225S-4	37		284			964	335											206	301	507
EG200-15032-30004	Y2-200L-4	30	300	250	430	920	910	305	290	242	340x340	420x420	18	200	340	295	12-Φ22	30	241	240	481
EG200-15032-37004	Y2-225S-4	37		285			965	335											249	301	550
EG200-15032-45004	Y2-225M-4	45					990												249	312	562
EG200-15032-55004	Y2-250M-4	55					1055	370											264	383	647
EG100-8040-15004	Y2-160L-4	15	220	249	400	800	809	255	265	248	310x310	370x370	18	100	220	180	8-Φ18	24	188	129	317
EG100-8040-18504	Y2-180M-4	18.5					839	280											191	157	348
EG100-8040-22004	Y2-180L-4	22					879												191	179	370
EG100-8040-30004	Y2-200L-4	30					909	305											197	240	436
EG125-10040-22004	Y2-180L-4	22	240	284	380	810	879	280	285	262	200x250	250x300	18	125	250	210		26	204	179	383
EG125-10040-30004	Y2-200L-4	30					909	305											206	240	445
EG125-10040-37004	Y2-225S-4	37					964	335											212	301	513
EG125-10040-45004	Y2-225M-4	45					989												212	312	524
EG150-12540-30004	Y2-200L-4	30	250	249	400	850	909	305	296	264	250x300	300X350	18	150	285	240	8-Φ22		225	240	465
EG150-12540-37004	Y2-225S-4	37		284			964	335											231	301	531
EG150-12540-45004	Y2-225M-4	45					989												231	312	543
EG150-12540-55004	Y2-250M-4	55					1054	370											235	383	617
EG150-12540-75004	Y2-280S-4	75					1129	410											236	544	780

Please ask for our technical CD for EG series 60Hz installation dimensions.

Description & Features

EIFEL ES series split casing pumps are designed with double suctions. This kind of pumps are of high flow rate, high efficiency, stable operation, low noise and long service life, easy to install and maintain. Widely used in plant, mine, city water supply, irrigation, HVAC and vessel industry.

Model Instruction:

ES 300 – 700 X-X-X – X

- Seal Type
- Casing - Impeller - Shaft Material
- Impeller Nominal Diameter
- Discharge Size
- Series

Material Code

C: Cast Iron
Q: Ductile Iron
B: Brass
S: ASTM 420
45:ASTM 1045
S304: ASTM 304
S316: ASTM 316
Seal Type:
M: Mechanical Seal
P: Gland Packing

Applications

- HVAC and Cooling Tower
- Municipal Water Supply
- Pump Station
- Marine and Ship Building
- Power Plant / Water Plant
- Industrial water supply system
- Fire Fighting System

Design & Structure

Design	Performance referring to GB/T5657-95, Q/ FZEF 001-2014 Standard
Structure	Single-Stage, Double-Suction, Split-Casing
DN (mm)	80~400
Flange	DIN2501 PN16 GB / T17241.6 PN1.6

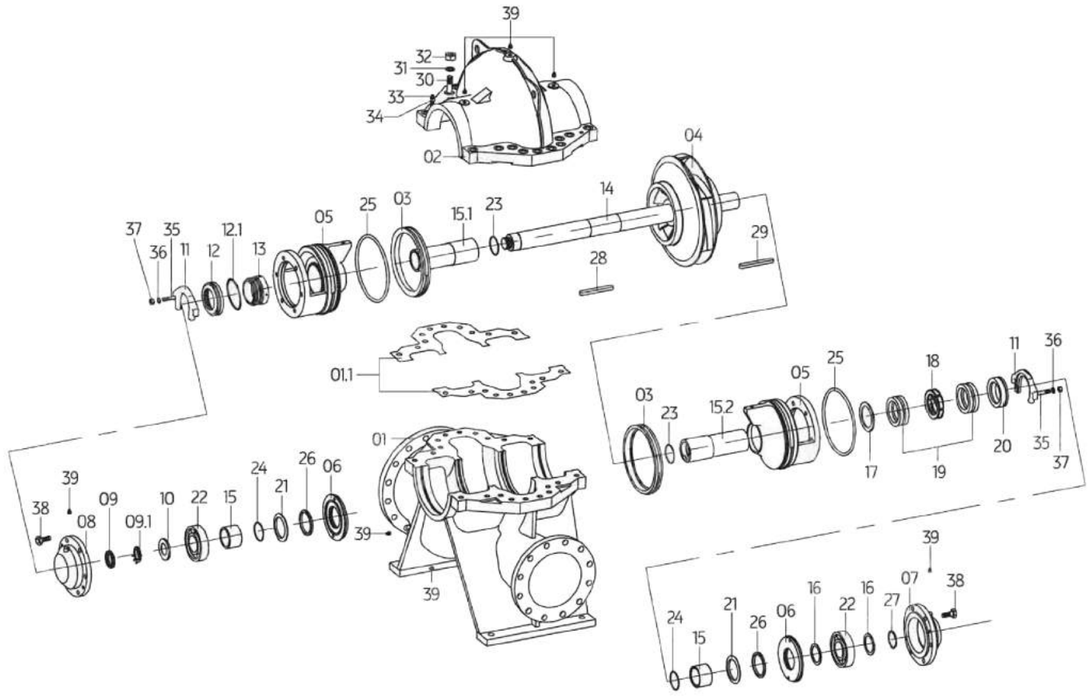
Material

Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron
Impelier	Brass	Cast Iron
Shaft	ASTM1045	ASTM304 / ASTM316 / ASTM420
Shaft Seal	Mechanical Seal	Gland Packing

Operating Data

Flow Rate(Q)	36~3400m³/h
Head(H)	8~190 m
Speed	1480 or 2980 rpm (50Hz) / 1780 or 3580 rpm (60Hz)
Max Temperature	85℃(standard) ; 105℃(on request)
Working Pressure	1.6MPa(standard) ; 2.5MPa(on request)
Conveying Medium	Clean water or liquids similar to clean water in physical property

ES Series Explode View & List of Parts

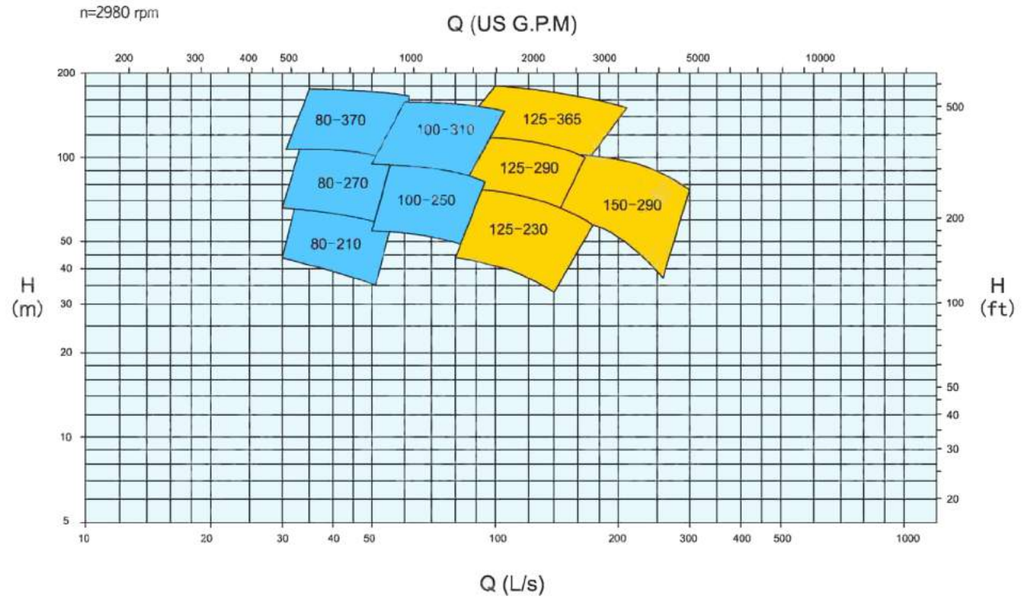


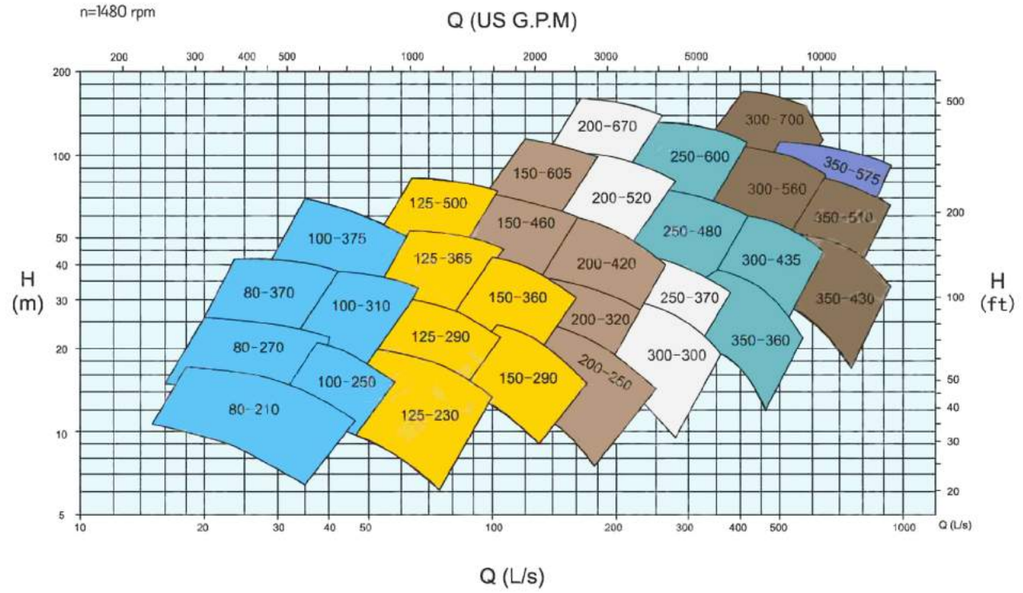
Code	Part Name
01	Casing-Bottom
01.1	Casing Gasket
02	Casing-Top
03	Wear Ring
04	Impeller
05	Seal Frame
06	Bearing Cover
07	Bearing Frame-Driving End
08	Bearing Frame-Non-driving End
09	Screw Nut
09.1	Lock Washer for Nut
10	Bearing Slinger
11	Seal Plate
12	Seal Cover
12.1	Seal Cover Gasket

Code	Part Name
13	Mech. Seal
14	Shaft
15	Shaft Sleeve-Short
15.1	Shaft Sleeve
15.2	Packing Shaft Sleeve
16	Bearing Seal Plate
17	Packing Seal Plate
18	Lantern Ring
19	Gland
20	Packing Cover
21	Slinger
22	Ball Bearing
23	O-ring
24	O-ring
25	O-ring

Code	Part Name
26	Felting
27	External Circlips
28	Key
29	Key
30	Screw Bolt
31	Spring Washer
32	Screw Nut
33	Pin
34	Screw Nut
35	Screw Bolt
36	Flat Gasket
37	Screw Nut
38	Screw Bolt
39	Plug

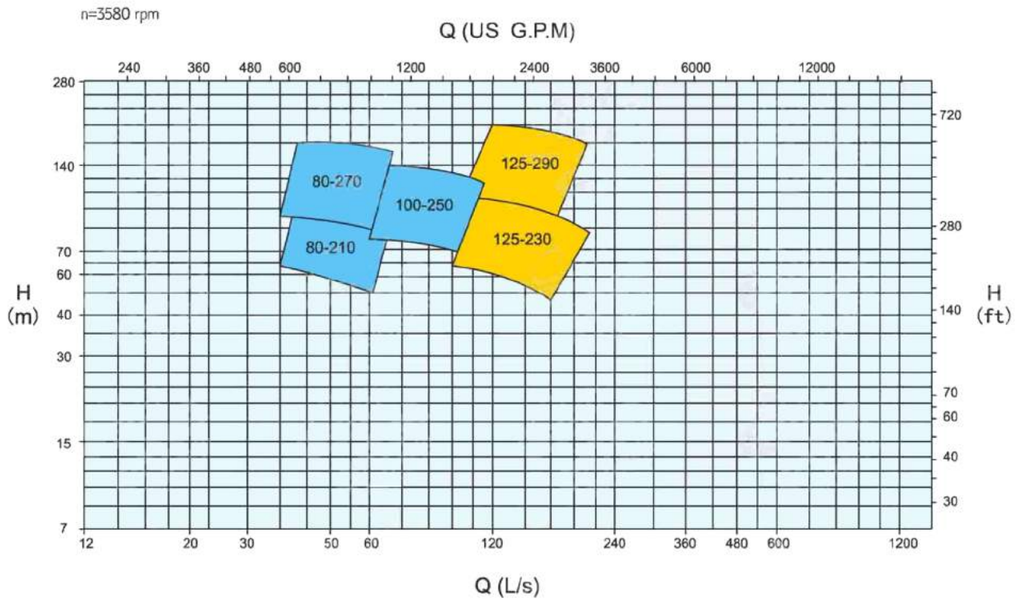
ES Series-50Hz Performance

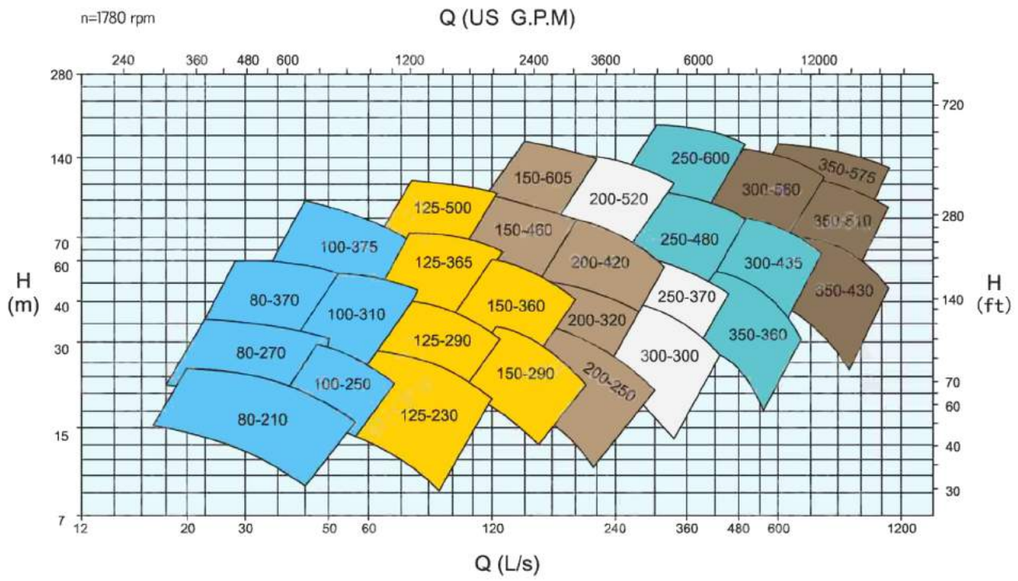




Performance to ISO9906 Grade 2 for clean cold water only

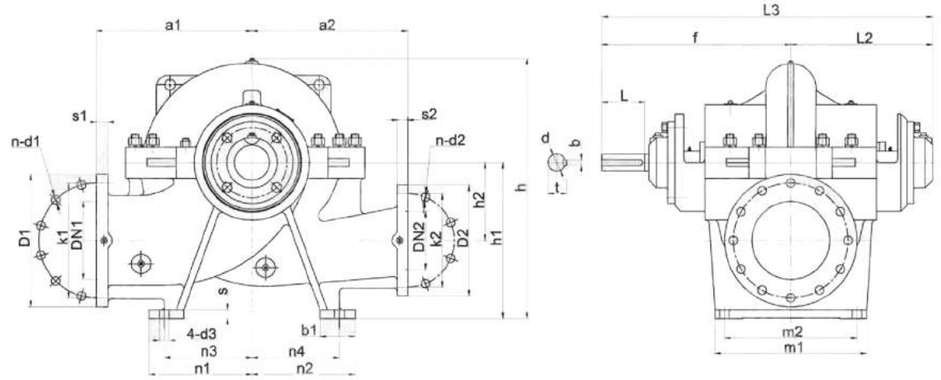
ES Series-60Hz Performance





Performance to ISO9906 Grade 2 for clean cold water only

ES Series Installation Dimensions



Model	DN1	DN2	Pump Dimensions a1	a2	f	L2	L3	h	h1	h2	Foot m1	m2	n1	n2	n3	n4	b1	d3	s	Shaft d	b	L	t	Weight kg
ES80-210	125	80	300	300	385	300	685	490	315	140	320	270	205	205	170	170	80	Φ25	22	Φ34	10	80	37.3	179
ES80-270								528																200
ES80-370								558									75							209
ES100-250	150	100	330	330				570	355	170			235	235	200	200	80							209
ES100-310								605																257
ES100-375								620									75							245
ES125-230	200	125	370	370	485	365	850	620	400	200	390	340	265	265	225	225	90			Φ44	12	110	47.3	309
ES125-290								635																293
ES125-365								665																311
ES125-500			450	450				720					320	320	280	280	85		26					414
ES150-290		150	400	400				660		210			265	265	225	225	90		22					323
ES150-360								670		200														350
ES150-460			450	450				710					315	315	280	280	75		25					418
ES150-605			600	500				885		300			390	390	350	350	95	Φ30	35					755
ES200-250	250	200	450	450	540	420	960	793	500	240	480	430	315	315	280	280	85	Φ25	25	Φ54	16		58.3	450
ES200-320								805																506
ES200-420			600	500				830					330	330			100							551
ES200-520			600	500	629	479	1108	925	560	300	490	400	400	400	350	350		Φ28	28	Φ64	18	145	68.4	700
ES200-670			650	550				1055	600	350	500						110	Φ30	35					1218
ES250-280	300	250	500	500				955		300	480						100		28					550
ES250-370								975																719
ES250-480			550	550	695	515	1210	985	600	330	600	520					110		32	Φ74	20	170	78.9	906
ES250-600			650					1060	630	350									35					1116
ES300-300	350	300	550	500	629	479	1108	1010	630	300	500	400	400	400	350	350	100		30	Φ64	18	145	68.4	792
ES300-435	400	300	650	550	695	515	1210	1072	670	333	600	520							32	Φ74	20	170	78.9	947
ES300-560			700	650	785	605	1390	1140	710	350	620		525	525	475	475	110		35	Φ84	22	180	89.4	1301
ES300-700			750					1255	750	400			530	530			120	Φ30	40					1640
ES350-360	450	350	650	550	695	515	1210	1100	670	350	600		400	400	350	350	100		32	Φ74	20	170	78.9	1077
ES350-430			750	650	785	605	1390	1200	750	400			530	530	475	475	120		35	Φ84	22	180	89.4	1445
ES350-510	400		700					1200			620		525	525			110		40					1456
ES350-575			750	750	853	667	1520	1400	900	420	780	630	560	560	485	485	150	Φ35	35	Φ95	25	210	100.4	1900
ES400-525	500	400	750	700	968	747	1715	1410		475	890	740								Φ105	28		111.4	1600
ES400-665			1000	750				1550	1000	525														2000

Flange Dimensions (ISO7005.2 DIN2501 PN16 GB/T17241.6 PN1.6)

DN1/DN2	80	100	125	150	200	250	300	350	400	450	500	600	700
K1/K2	160	180	210	240	295	355	410	470	525	585	650	770	840
D1/D2	200	220	250	285	340	405	460	520	580	640	715	840	910
S1/S2	22	24	26	26	30	32	34	38	40	40	46	54	54
n-d1/n-d2	8-Φ17.5	8-Φ17.5	8-Φ17.5	8-Φ22	12-Φ22	12-Φ26	12-Φ26	16-Φ26	16-Φ30	20-Φ30	20-Φ33	20-Φ36	24-Φ36

Please ask for our technical CD for ESD series installation dimensions.

Description & Features

EIFEL EJ & EJZ series are self-priming, solids handling, resistant to abrasion. These pumps can handle liquids up to a viscosity of about 50 mm^2/s. They are designed with the advanced device Maintenance Hole and Wear Plate, easy to clean and flush. EJ & EJZ pumps have wide applications in industry, marine and waste treatment.

Model Instruction:

EJ 80 - 140 X-X-X - M

- M: Mechanical Seal
- X-X-X: Casing - Impeller - Shaft Material
- 140: Impeller Nominal Diameter
- 80: Discharge Size
- EJ: Series

EJZ 80 - 140 - 0550 2 X-X-X - M

- M: Mechanical Seal
- X-X-X: Casing - Impeller - Shaft Material
- 2: 2P Motor
- 0550: Motor Power 5. 5kw
- 140: Impeller Nominal Diameter
- 80: Discharge Size
- EJZ: Series

Material Code

C: Cast Iron	45: ASTM 1045S
Q: Ductile Iron	304: ASTM 304S
B85: Bronze	316: ASTM 316
S: ASTM 420	M: Mechanical Seal

Applications

- Waste Water Treatment Plant
- Wasing, Cooling, Circulation
- Smoke Scrubbing
- Marine – Ballasting & Bilge
- Liquid Transfer: clean or dirty water, mixed liquids, abrasive or corrosive liquids, low viscosity of petroleum products

Design & Structure

Design	Performance and Dimensions referring to the European standard
Structure	Semi-open impeller, Single-Suction, Self-priming, Maintenance Hole, Wear Plate
Flange	Pump casings are casted with flanges; Screw flange for discharge size <100 mm

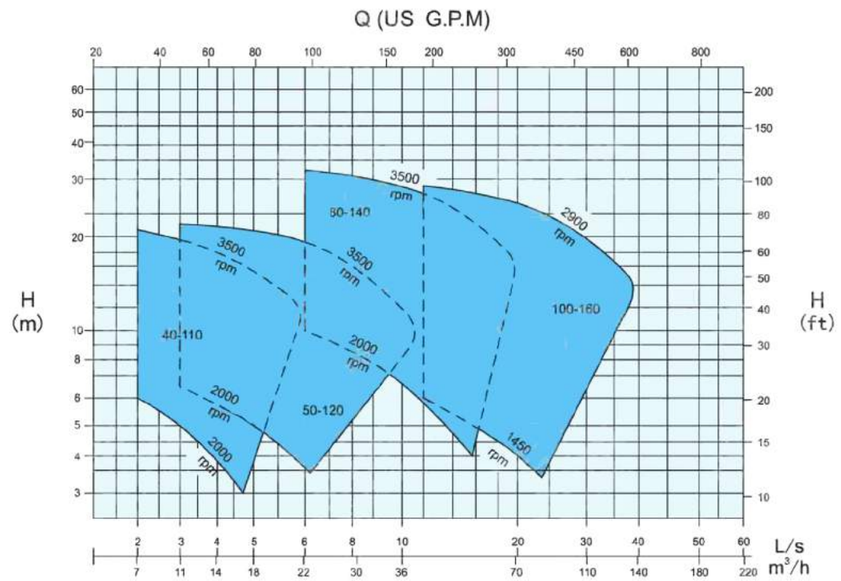
Material

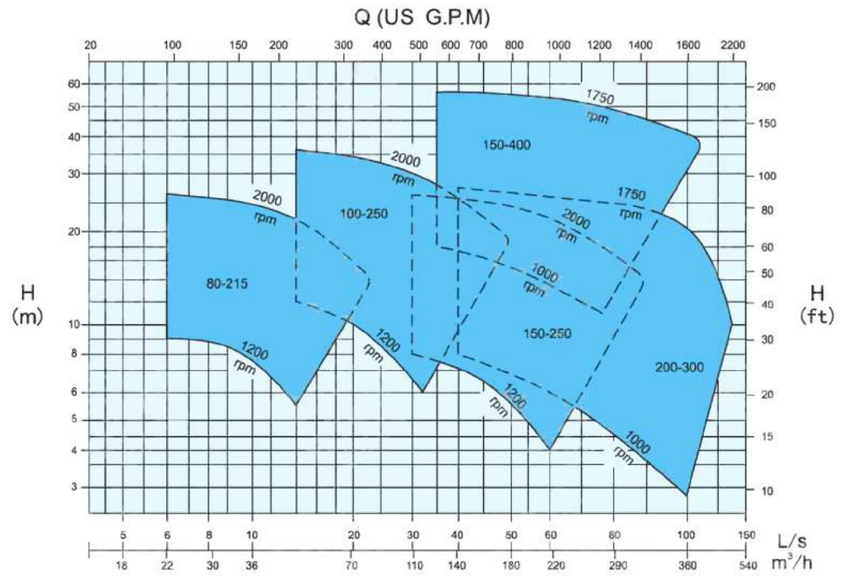
Part	Standard Material	Options on request
Casing	Cast Iron	Ductile Iron
Impeller	Ductile Iron	Bronze / ASTM304 / ASTM316
Wear Plate	Cast Iron	Bronze / ASTM304 / ASTM316
Shaft	ASTM1045	ASTM304 / ASTM316 / ASTM420
Shaft Seal	Mechanical Seal	-

Operating Data

Items	EJ Series	EJZ Series
DN(mm)	40~200	40~100
Flow Rate(Q)	4~468m^3/h	4~145m^3/h
Head(H)	4~55m	4~40m
Max Solids Size	76mm	50mm
Self-priming Head	3~7m	
Speed	1450~3600 rpm; lower speed on request	
Max Temperature	80℃	
Conveying Medium	Neutral, acid or alkali clean or dirty liquids, containing sand, mud or solids in suspension	

EJ/EJZ Series Performance

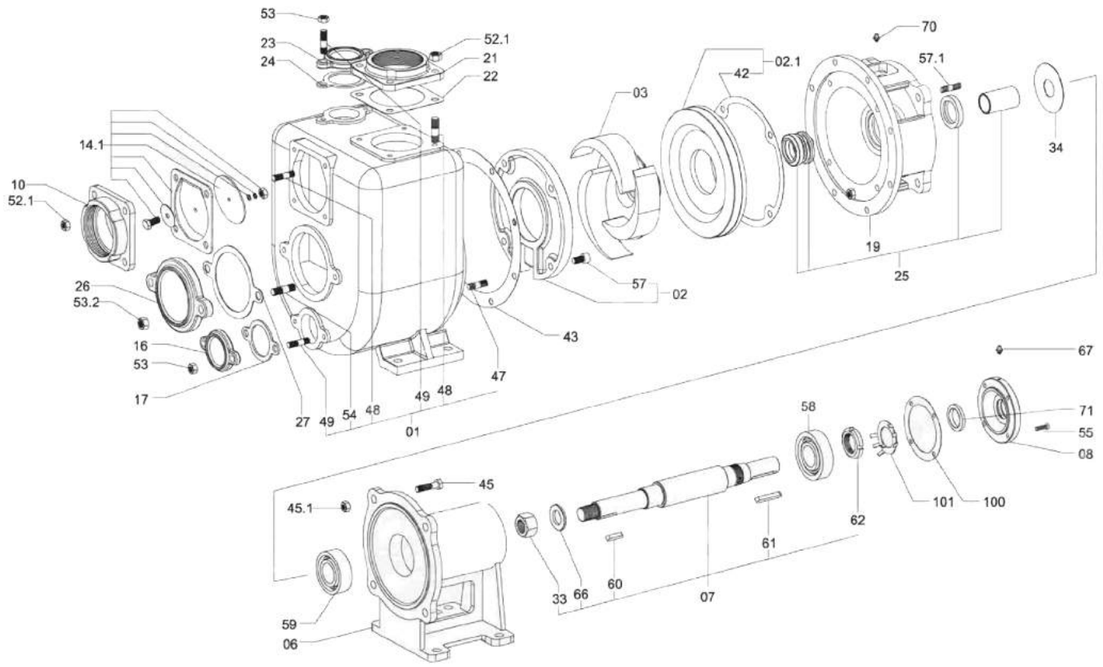




Performance to ISO9906 Grade 2

EJ Series Explode View & List of Parts

Model:EJ80-215

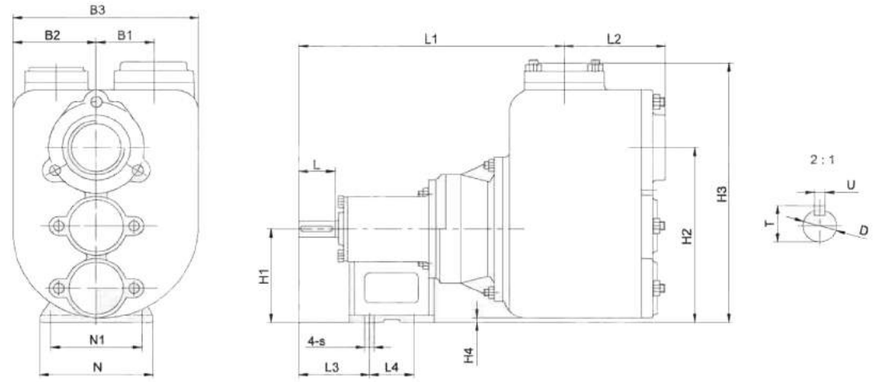


Code	Name
01	Casing
02	Wear Plate-Front
02.1	Wear Plate-Back
03	Impeller
06	Bearing Frame
07	Shaft
08	Bearing Cover
10	Suction Flange
14.1	Rubber Check
	Front Plate - Check Valve
	Back Plate - Check Valve
	Bolt
	Nut
16	Inspection Cover
17	Inspection Cover Gasket
19	Pump Cover
21	Discharge Flange
22	Discharge Gasket

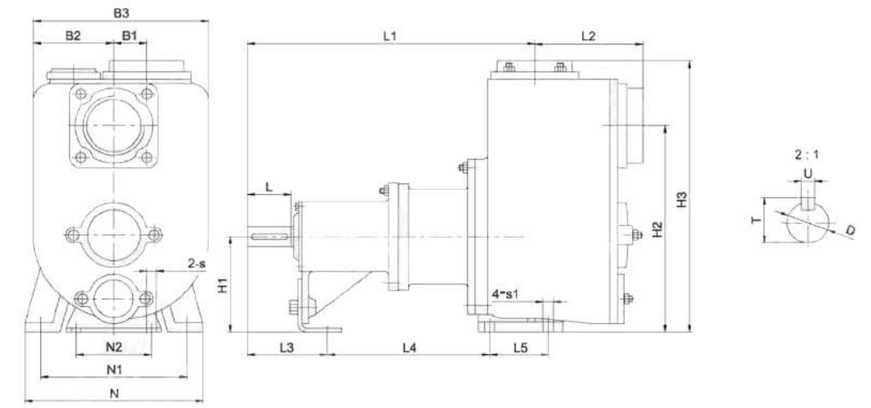
Code	Name
23	Inspection Cover
24	Inspection Cover Gasket
25	Shaft Sleeve
	Oil Seal
	Mechanical Seal
26	Inspection Cover
27	Inspection Cover Gasket
33	Impeller Nut
34	Water Deflector
42	Back Wear Plate Gasket
43	Casing Gasket
45	Bolt
45.1	Nut
47	Stud
48	Stud
49	Stud
52.1	Nut
53	Nut

Code	Name
53.2	Nut
54	Stud
55	Bolt
57.1	Screw Bolt
58	Ball Bearing
59	Ball Bearing
60	Key (Impeller)
61	Key (Shaft)
62	Bearing Lock Nut
66	Flat Washer
67	Grease Cup
70	Grease Cup
71	Lip Seal
100	Bearing Cover Gasket
101	Bearing Lock Nut Washer

EJ Series Installation Dimensions

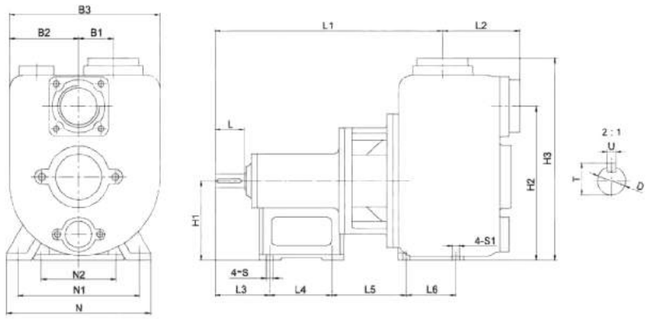


Model	Overall Dimensions					Installation Dimensions										Shaft			Weight
	B1	B2	B3	L1	L2	H1	H2	H3	H4	L	N1	N	L3	L4	s	T	U	D	kg
EJ40-110	30	80	173	263	75	90	163	240	-5	40	80	102	70	50	Φ10	21.5	6	Φ19	19
EJ50-120	36	94	210	300	114	110	206	306	5	41	103	128	80		Φ12				31
EJ100-160	37	150	300	442	180	160	341	462	10	60	150	182	110	125	Φ14	31	8	Φ28	130



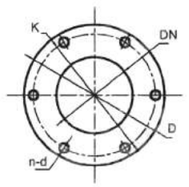
Model	Overall Dimensions					Installation Dimensions												Shaft			Weight
	B1	B2	B3	L1	L2	H1	H2	H3	N2	N1	N	L	L3	L4	L5	s1	s	T	U	D	kg
EJ80-140	45	110	240	392	148	132	289	381	90	200	245	60	109	222	80	Φ14	Φ14	31	8	Φ28	55
EJ100-250	160	180	420	469	275	200	350	487	110	295	340	80	138	347	95		Φ15	35	10	Φ32	148
EJ150-250	90	220	480	566	292	250	454	590		350	410			322	170	Φ18					261
EJ150-400	280	280	700	700	365	350	645	795	150	450	510	110	180	478	200		Φ18	59	16	Φ55	445
EJ200-300	75	288	575	822	232	315	535	720					165	499				45	12	Φ42	395

EJ Series Installation Dimensions



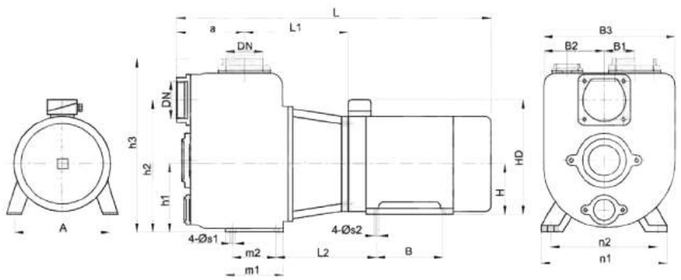
Model	Overall Dimensions					Installation Dimensions												Shaft			Weight
	B1	B2	B3	L1	L2	H1	H2	H3	N2	N1	N	L	L3	L4	L5	L6	s1	s	T	U	D	kg
EJ80-215	70	139	303	458	155	160	310	410	150	245	290	60	110	125	150	100	Φ14	Φ14	31	8	Φ28	75

Flange Dimensions



Model	Suction Flange(mm)				Discharge Flange(mm)			
	DN	D	K	n-d	DN	D	K	n-d
EJ40-110	RP1 ½	–	–	–	RP1 ½	–	–	–
EJ50-120	RP2				RP2			
EJ80-140	RP3				RP3			
EJ80-215								
EJ100-160	RP4				RP4			
EJ100-250								
EJ150-250	Φ150	Φ276	Φ240	6-Φ18	Φ150	Φ276	Φ240	6-Φ18
EJ150-400								
EJ200-300	Φ200	Φ320	Φ280	8-Φ18	Φ200	Φ320	Φ280	8-Φ18

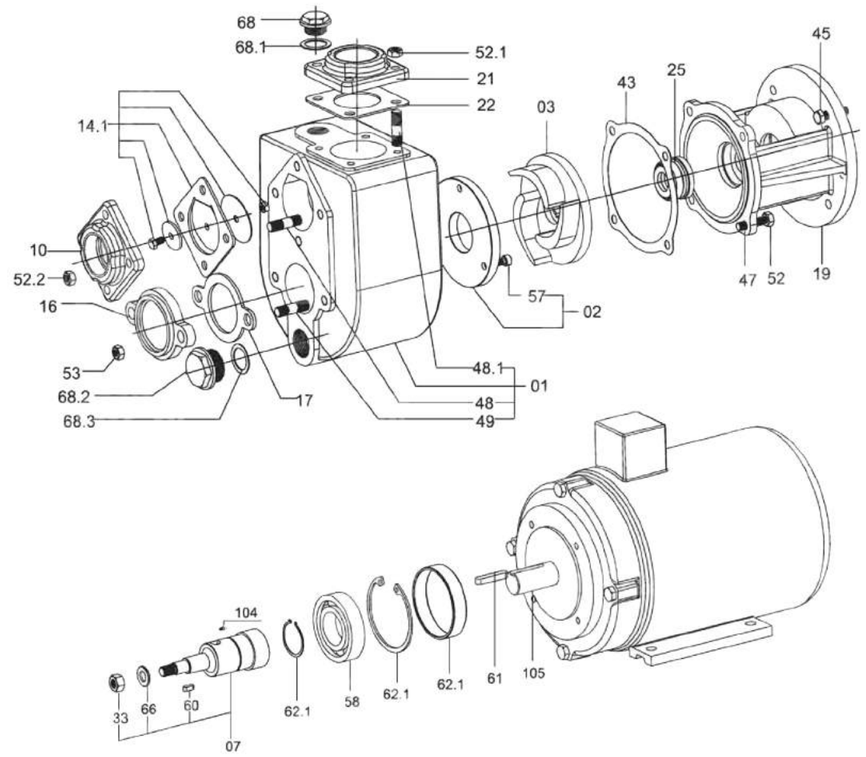
EJZ Series Installation Dimensions (50Hz)



Model	Motor(B34)		Installation Dimensions (mm)																			Weight (kg)		
	Model	kw	DN	B1	B2	B3	h1	h2	h3	m1	m2	n1	n2	a	L1	s1	s2	H	HD	A	B	L2	L	Pump	Motor	Total
EJZ40-110-01102	Y2-802-2	1.1	1 ½"	30	80	173	95	168	245	-	-	-	-	75	153.5	-	10	80	215	125	100	-	485	17	17	34
EJZ50-120-02202	Y2-90L-2	2.2	2"	36	94	210	105	201	321					114	185			90	235	140	125		595	27	25	52
EJZ80-140-04002	Y2-112M-2	4	3"	45	110	240	132	287	380	115	80	245	200	148	202.5	14	12	112	284	190		211	690	48	42	90
EJZ80-140-05502	Y2-132S1-2	5.5		45											225.5			132	324	216	140	253	763	50	64	114
EJZ80-215-04004	Y2-112M-4	4		70	139	303	160	310	410	133	100	290	245	156	239			112	284	190		226	735	67	46	113
EJZ100-160-15002	Y2-160M2-2	15	4"	37	150	300		341	462	-	-	-	-	180	283.5	-	15	160	406	254	210	-	969	125	107	232
EJZ100-250-07504	Y2-132M-4	7.5		160	180	420	200	350	487	145	95	340	295	275	226.5	14	12	132	324	216	178	331.5	932	135	77	212

EJZ Series Explode View & List of Parts

Model:EJZ50-120-02202



Code	Part Name
01	Casing
02	Wear Plate
03	Impeller
07	Shaft
10	Suction Flange
14.1	Rubber Check
	Check Valve Plate (Front)
	Check Valve Plate (Back)
	Screw Bolt
	Screw Nut
16	Inspection Cover
17	Inspection Cover Gasket
19	Adapter

Code	Part Name
21	Discharge Flange
22	Discharge Gasket
23	Inspection Cover
24	Inspection Cover Gasket
25	Mech. Seal
26	Inspection Cover
27	Inspection Cover Gasket
33	Impeller Nut
43	Casing Cover Gasket
45	Screw Bolt
47	Double-screw Stud
48	Double-screw Stud
48.1	Double-screw Stud
49	Double-screw Stud

Code	Part Name
52	Screw Nut
53	Screw Nut
57	Bolt & Nut
58	Ball Bearing
60	Key
61	Key
62.1	External Circlip
	Rubber Pad
	Internal Circlip
66	Flat Washer
68	Plug Screw
68.1	O-ring
68.2	Plug Screw
68.3	O-ring
104	Set Screw
105	Motor

Description & Features

EH pumps are designed in accordance with ISO 2858 standard while the performance even better than ISO 2858. Pumps have superior hydraulic design, by which significantly higher efficiencies are achieved for less power consumption. The flow rates are 1.6 times and the heard are 1.25 times of their correspondent sizes in ISO 2858 standard.

Pump performance can be changed by impeller trimming. There are 4 sizes of shafts and 4 sizes of bearing housing among the whole series, and many of the parts such as shaft, shaft sleeve, shaft seal and impeller nut of one pump are interchangeable with other pumps of the same bearing housing.

Back pull-out design and driven by motor or other driving device through flexible coupling, very easy and convenient to install and maintain.

Model Instruction

EH-□-□-□

- □ Nominal Impeller Diameter (mm)
- □ Discharge Diameter (mm)
- □ Suction Diameter (mm)
- EH Series

Applications

- Water supply and drainage
- HVAC and Cooling Tower
- Fire Protection and Fire Fighting
- Marine-Ballasting & Bilge
- Booster and Pressurization Set
- Irrigation and agriculture
- Water supply and drainage

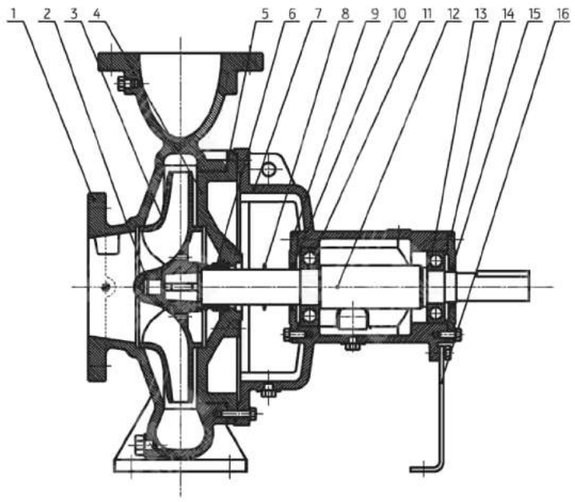
Operating Data

Flowrate: Max. 1200 m^3/h
Head: Max. 160m
Discharge Diameter(mm): 32~200
Working Pressure(Mpa): 1.6~2.4
Temperature: -15℃~80℃ (Normal Material)
80℃~145℃ (Special Material)
Speed(r/min): 1450 / 2900 (50Hz),
1750 / 3500 (60Hz)

Material

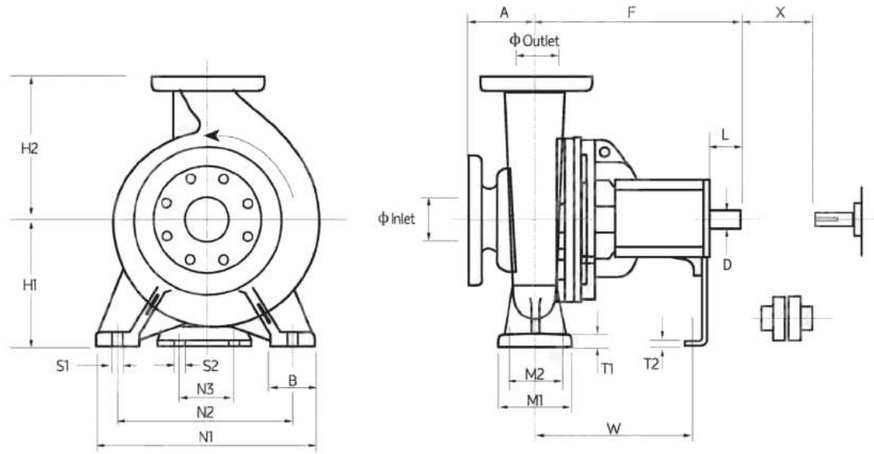
Pump Part	Material
Casing	Cast Iron
	Ductile Iron
Impeller	Cast Iron
	Brass
	Bronze
	Stainless Steel
Shaft	Carbon Steel
	Stainless Steel

Structure & List of Parts



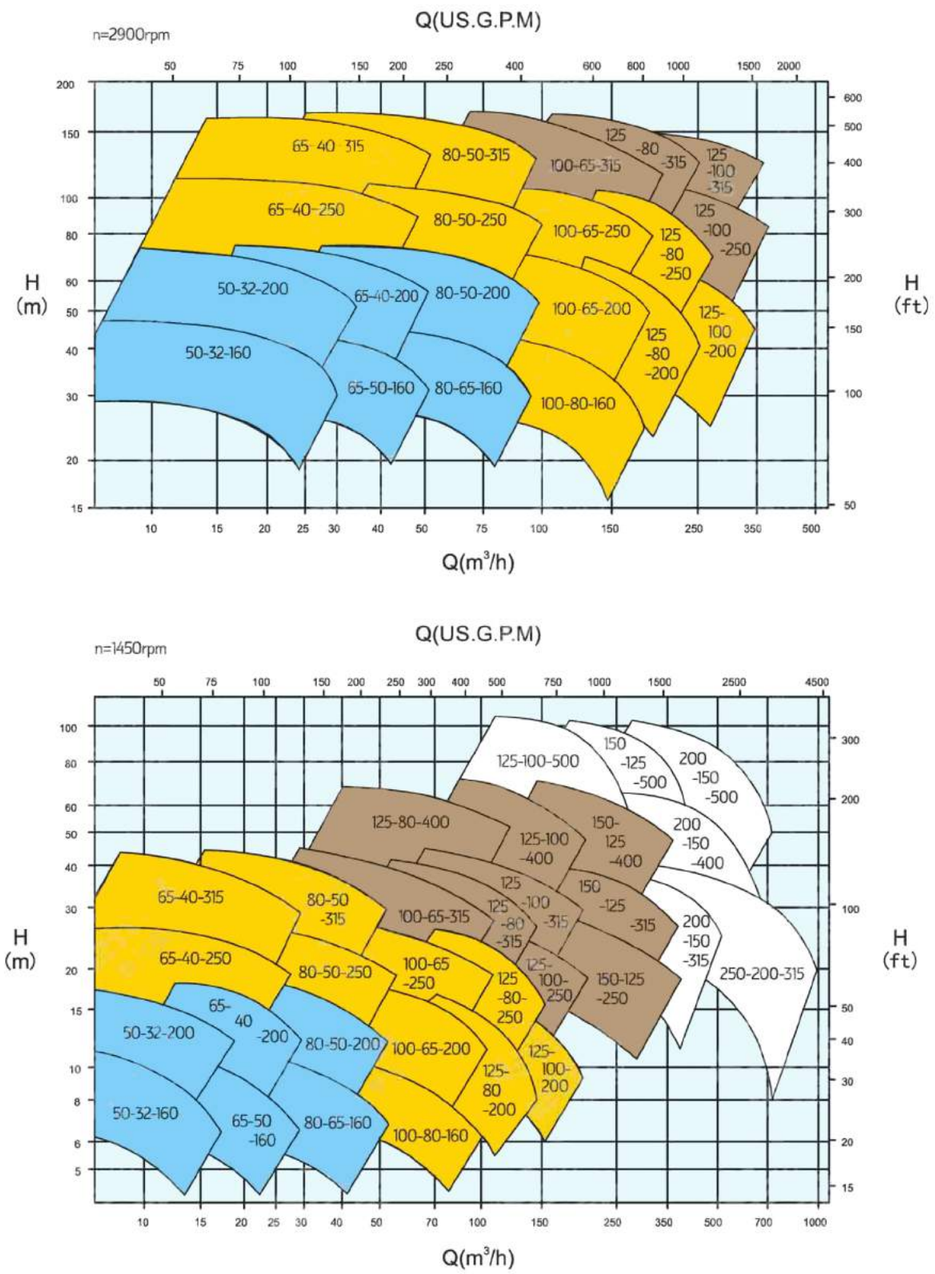
No.	Part Name
1	Casing
2	Impeller Nut
3	Impeller
4	Casing Cover
5	O-ring
6	Mechanical Seal
7	Bearing Housing
8	Slinger
9	Bearing Cover (Impeller end)
10	Oil Seal (Impeller end)
11	Bearing (Impeller end)
12	Shaft
13	Bearing (Driving end)
14	Bearing Cover (Driving end)
15	Oil Seal (Driving end)
16	Support Foot

EH Series Installation Dimensions



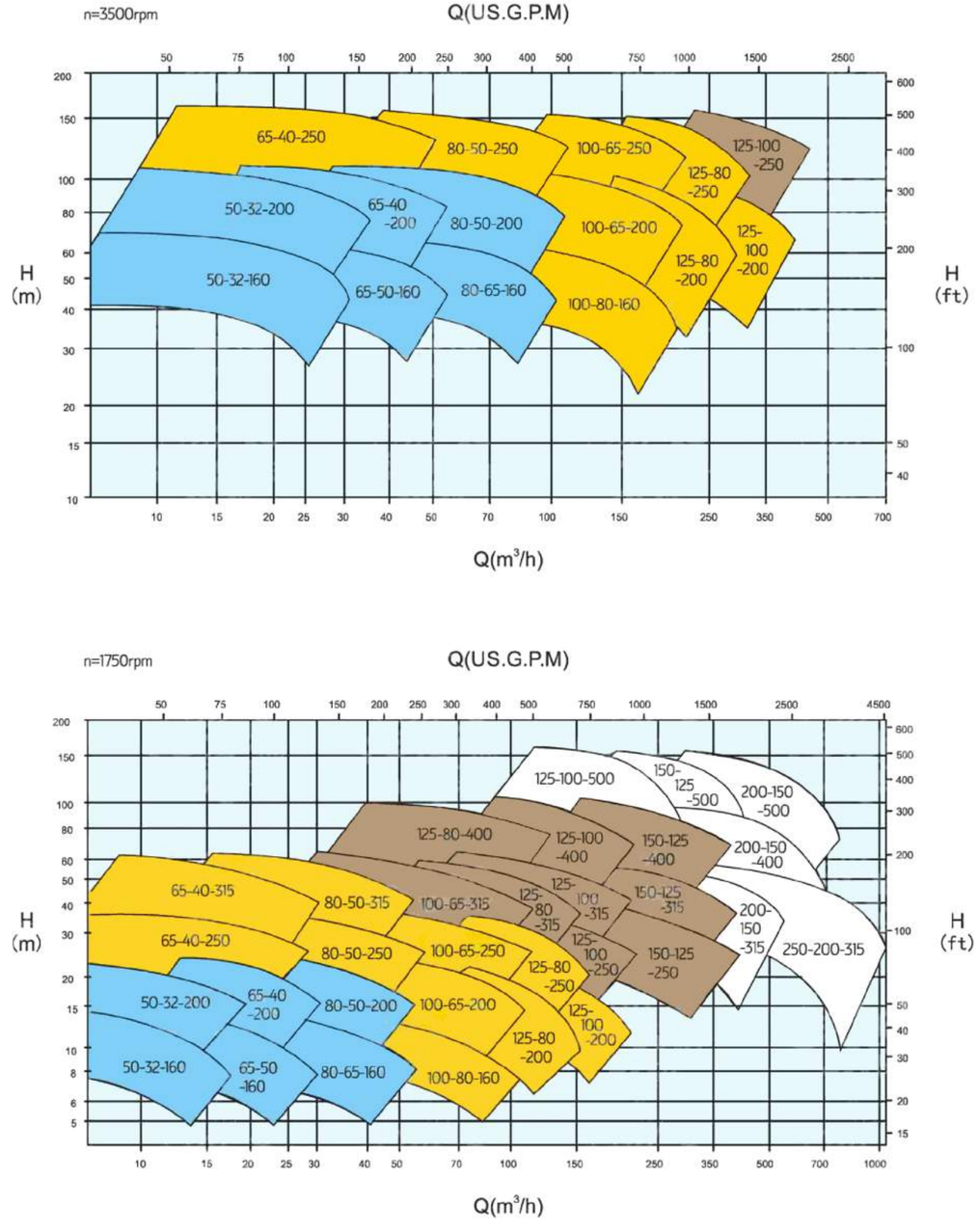
Model			Shaft No.	Pump Dimensions				Mounting Dimensions									Bolt Holes		Shaft End		GAP*	Weight
Inlet	Outlet	Imp Dia		A	F	H1	H2	B	M1	M2	N1	N2	N3	T1	T2	W	S1	S2	D	L	X	kg
50	32	160	1	80	385	132	160	50	100	70	240	190	110	12	6	285	M12	M12	24	50	4	43
50	32	200	1	80	385	160	180	50	100	70	240	190	110	13	6	285	M12	M12	24	50	4	49
65	50	160	1	80	385	132	160	50	100	70	240	190	110	12	6	285	M12	M12	24	50	4	44
65	40	200	1	100	385	160	180	50	100	70	265	212	110	13	6	285	M12	M12	24	50	4	51
65	40	250	2	100	500	180	225	65	125	95	320	250	110	14	6	370	M12	M12	32	80	4	71
65	40	315	2	125	500	200	250	65	125	95	345	280	110	16	6	370	M12	M12	32	80	4	90
80	65	160	1	100	385	160	180	50	100	70	265	212	110	13	6	285	M12	M12	24	50	4	49
80	50	200	1	100	385	160	200	50	100	70	265	212	110	13	6	285	M12	M12	24	50	4	53
80	50	250	2	125	500	180	225	65	125	95	320	250	110	15	6	370	M12	M12	32	80	4	76
80	50	315	2	125	500	225	280	65	125	95	345	280	110	18	6	370	M12	M12	32	80	4	94
100	80	160	2	100	500	160	200	65	125	95	280	212	110	14	6	370	M12	M12	32	80	4	68
100	65	200	2	100	500	180	225	65	125	95	320	250	110	15	6	370	M12	M12	32	80	6	72
100	65	250	2	125	500	200	250	80	160	120	360	280	110	16	6	370	M16	M12	32	80	6	84
100	65	315	3	125	530	225	280	80	160	120	400	315	110	18	8	370	M16	M12	42	110	6	122
125	80	200	2	125	500	180	250	65	125	95	345	280	110	16	6	370	M12	M12	32	80	6	81
125	80	250	2	125	500	225	280	80	160	120	400	315	110	18	6	370	M16	M12	32	80	6	88
125	80	315	3	125	530	250	315	80	160	120	400	315	110	20	8	370	M16	M12	42	110	6	130
125	80	400	3	125	530	280	355	80	160	120	435	355	110	20	8	370	M16	M12	42	110	6	163
125	100	200	2	125	500	200	280	80	160	120	360	280	110	17	6	370	M16	M12	32	80	6	87
125	100	250	3	140	530	225	280	80	160	120	400	315	110	18	8	370	M16	M12	42	110	6	122
125	100	315	3	140	530	250	315	80	160	120	400	315	110	19	8	370	M16	M12	42	110	6	138
125	100	400	3	140	530	280	355	100	200	150	500	400	110	20	8	370	M20	M12	42	110	6	175
125	100	500	4	160	670	355	450	100	210	150	540	450	140	25	10	500	M20	M16	48	110	6	378
150	125	250	3	140	530	250	355	80	160	120	400	315	110	19	8	370	M16	M12	42	110	6	135
150	125	315	3	140	530	280	355	100	200	150	500	400	110	20	8	370	M20	M12	42	110	6	156
150	125	400	3	140	530	315	400	100	200	150	500	400	110	21	8	370	M20	M12	42	110	6	193
150	125	500	4	160	670	355	450	100	210	150	540	450	140	25	10	500	M20	M16	48	110	6	402
200	150	315	4	160	670	315	400	100	210	150	540	450	140	20	10	500	M20	M16	48	110	8	274
200	150	400	4	160	670	315	450	100	210	150	540	450	140	25	10	500	M20	M16	48	110	8	339
200	150	500	4	160	670	400	500	100	210	150	540	450	140	25	10	500	M20	M16	48	110	8	426
250	200	315	4	180	670	315	450	100	210	150	540	450	140	25	10	500	M20	M16	48	110	8	314

EH Series-50Hz Performance



Performance to ISO9906 Grade 2 for clean cold water only

EH Series-60Hz Performance



Performance to ISO9906 Grade 2 for clean cold water only