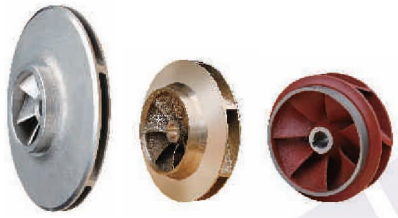
FLUGO

Centrifugal Pump



FA Series - End Suction Centrifugal Pump







◎ Description & Features

FLUGO FA 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

FA 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: Bronze
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 Packing

◎ 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	ISO7005.2 DIN2501 PN16 GB / T17241.6 PN1.6

◎ Material

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

◎ Applications

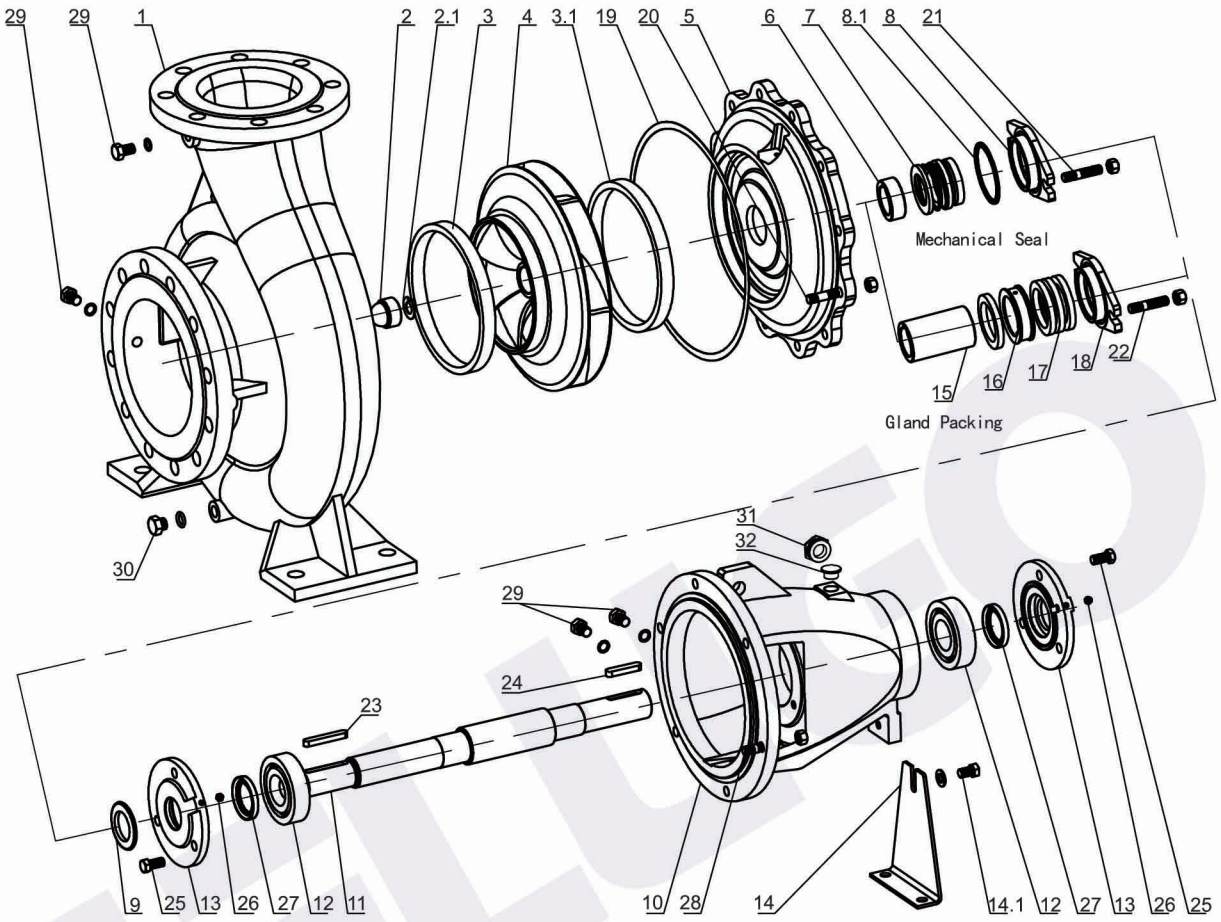
- Heating, Ventilation and Air-Conditioning
- Fire Protection and Fire Fighting
- Water Circulation
- Liquid Transfer
- Irrigation
- Cooling
- Plants
- Mines

◎ Operating Data

Flow Rate(Q)	0.5-440 l/s
Head(H)	2-152 m
Speed	1450 or 2900 rpm (50Hz) / 1750 or 3500 rpm (60Hz)
Max Temperature	105℃
Working Pressure	1.0 MPa standard; 1.6 MPa on request
Conveying Medium	Clean water or liquids similar to clean water in physical property

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

◎ FA 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
8.1	O-ring
9	Rubber Slinger
10	Bearing Frame

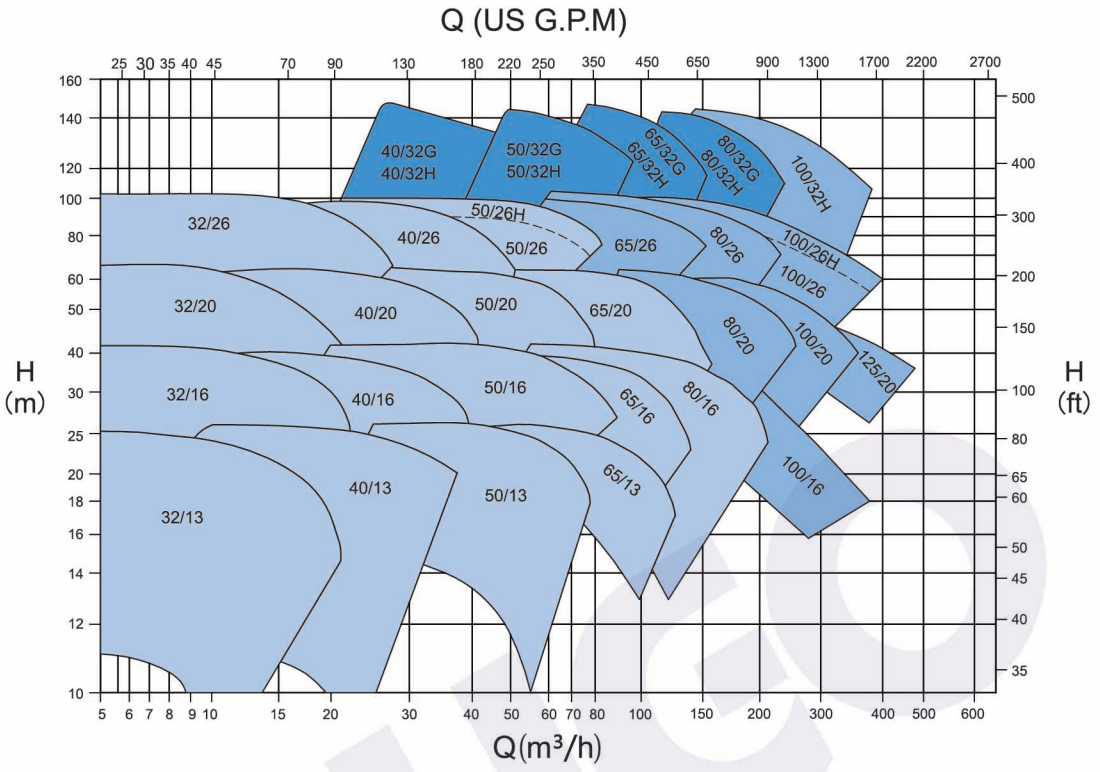
Code	Part Name
11	Shaft
12	Bearing
13	Bearing Cover
14	Support Foot
14.1	Bolt & Nut
15	Packing Sleeve
16	Packing Seal Cage
	Locating Sleeve
17	Gland Packing
18	Gland Cover
19	Casing Gasket
20	Stud & Nut
21	Stud & Nut

Code	Part Name
22	Stud & Nut
23	Key
24	Key
25	Screw Bolt
26	Oil Nipple
27	Felting Oil Seal
28	Stud & Nut
29	Plug & Washer
30	Plug & Washer
31	Oil Scale
32	Oil Cover

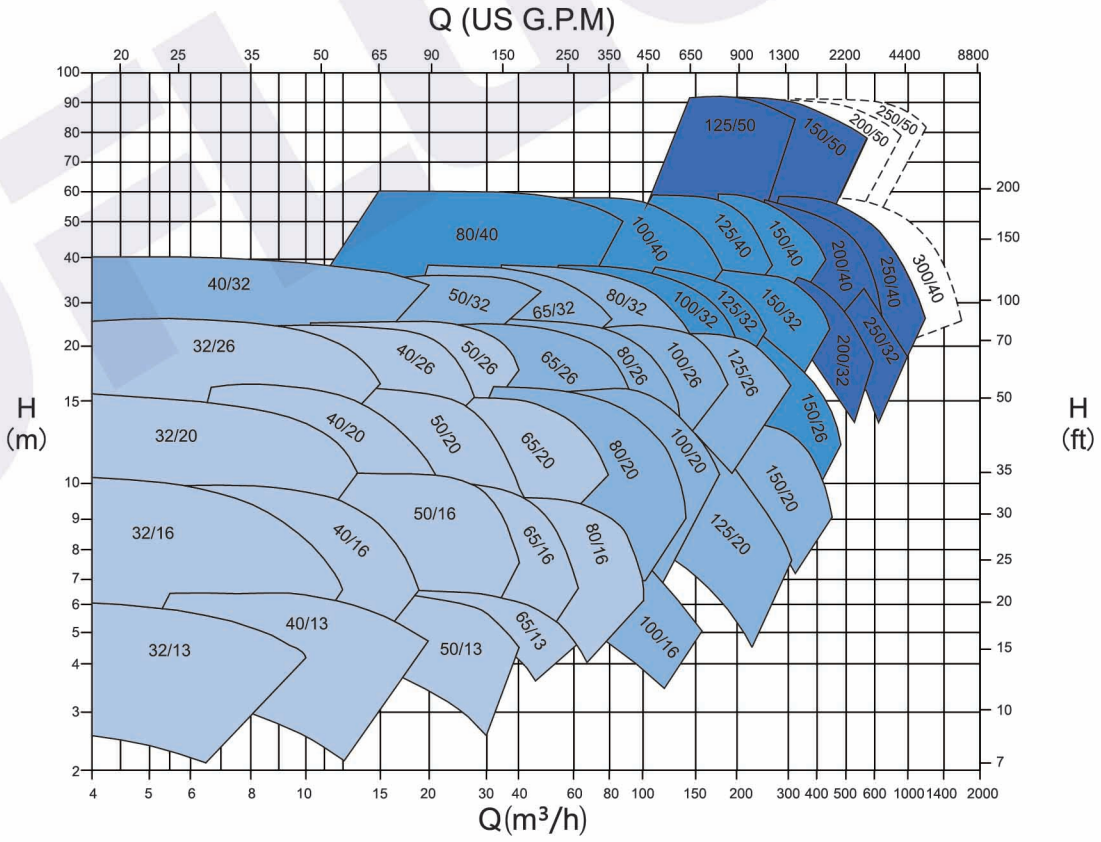
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◎ Field Chart FA series (50Hz)

2900rpm

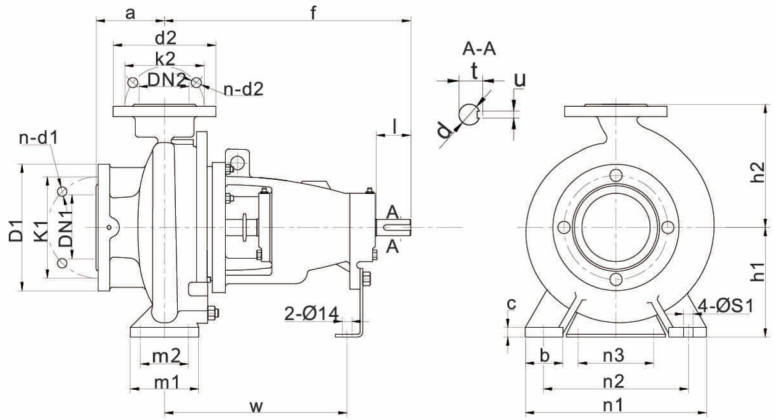


1450rpm



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FA Series - End Suction Centrifugal Pump



◎ FA Installation Dimensions

NO	Model	Bearing Inside Dimension	DN1	DN2	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	w	d	l	t	u
1	FA32/13						112	140			100			190	140						
2	FA32/16		32	50	80		132	160	50			100	70	240	190						
3	FA32/20						160	180			110										
4	FA32/26	25			100	360	180	225	65			125	95	320	250		267	24	50	27	8
5	FA40/13						112	140			100			210	160						
6	FA40/16				80		132	160	50			100	70	240	190						
7	FA40/20						160	180			110			265	212						
8	FA40/26		40		100		180	225	65	14		125	95	320	250						
9	FA40/32	35					200	250						345	280		342	32	80	35	10
10	FA40/32H				125	470	200														
11	FA40/32G	45				526	200										367	42	110	45	12
12	FA50/13						132	160			100			240	190						
13	FA50/16	25					160	180	50			100	70	265	212		267	24	50	27	8
14	FA50/20						160	200													
15	FA50/26						180	225						320	250						
16	FA50/26G								65								344				
17	FA50/32	35				470											342	32	80	35	10
18	FA50/32H		50	65	125		225	280		18		125	95	345	280						
19	FA50/32G	45				526											367	42	110	45	12
20	FA65/13						160	180													
21	FA65/16	25				360		200	65	14				280	212		267	24	50	27	8
22	FA65/20				100		180	225						320	250						
23	FA65/20G					465											339				
24	FA65/26	35	65	80			200	250	80	15		160	120	360	280	18	342	32	80	35	10
25	FA65/32					470	225							400	315						
26	FA65/32H							280		18											
27	FA65/32G	45				526											367	42	110	45	12
28	FA80/16	25				360	180	225	65	14		125	95	320	250	14	267	24	50	27	8
29	FA80/20							250		15				345	280						
30	FA80/26	35					200	280													
31	FA80/32		80	100	125	470	250	315	80	16		160	120	400	315	18	342	32	80	35	10
32	FA80/32H										110										
33	FA80/32G	45				526											367	42	110	45	12
34	FA80/40					530	280	355	85	18		160	120	440	340	18	370				
35	FA100/16						200	250	80	15				360	280						
36	FA100/20	35				470		280									342	32	80	35	10
37	FA100/26		100	125			225		80	16				400	315						
38	FA100/32				140		250	315													
39	FA100/40	45				530	280	355	100	20		200	150	500	400	23	370	42	110	45	12
40	FA125/20	35				470	250	315	80	16		160	120	400	315	18	342	32	80	35	10
41	FA125/26							355													
42	FA125/32	45	125	150	140	530	280		100	18		200	150	500	400	23	370	42	110	45	12
43	FA125/40						315	400													
44	FA125/50	55				670	355	450		25				550	450		500	48		51	14
45	FA150/20	35				500	280	400						400	315		342	32	80	35	10
46	FA150/26				160		250	355		18				450	350	23					
47	FA150/32	45	150	200		530	280	400				200	150				370	42		45	12
48	FA150/40						315	450						550	450						
49	FA150/50	55				670	375	500		22							500	48	110	51	14
50	FA200/26	45				555	315	450									392	42		45	12
51	FA200/32	55	200	250	180	670		480	120	20		220	170	600	480	28	505	48		51	14
52	FA200/40						335														
53	FA200/50	65			200	720	425	560	100	22	140	200	150	660	560	23	515	60	140	64	18
54	FA250/32	55			220	691	355	520	150	26	110	250	200	660	510	28	525	48	110	51	14
55	FA250/40		250	300		682	400	560									516				
56	FA250/50	65			250	720	450	670	120	32	140	240	190	750	650	23	515	60	140	64	18
57	FA300/40	65	300	350	300		425			30		250		760	660	28					

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Other Products:



Monoblock End Suction Centrifugal Pump
FZ SERIES



Vertical In-Line Centrifugal Pump
TD SERIES



Mechanical Seal



Double-suction Split Casing Pump
FAS SERIES

Authorized Distributor:

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