



FA Series

Centrifugal Pump (Marine)
Bronze Series

MAIN PARTS OF THE PUMPS

G-CuSn10 MARINE BRONZE VERSION



• Corpo pompa • Pump body



• Disco • Disc



• Disco • Disc



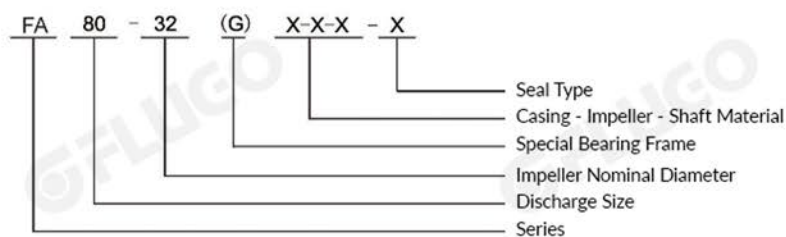
• Girante • Impeller



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.

Model Instruction



Material Code

MB : Marine Bronze

● 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

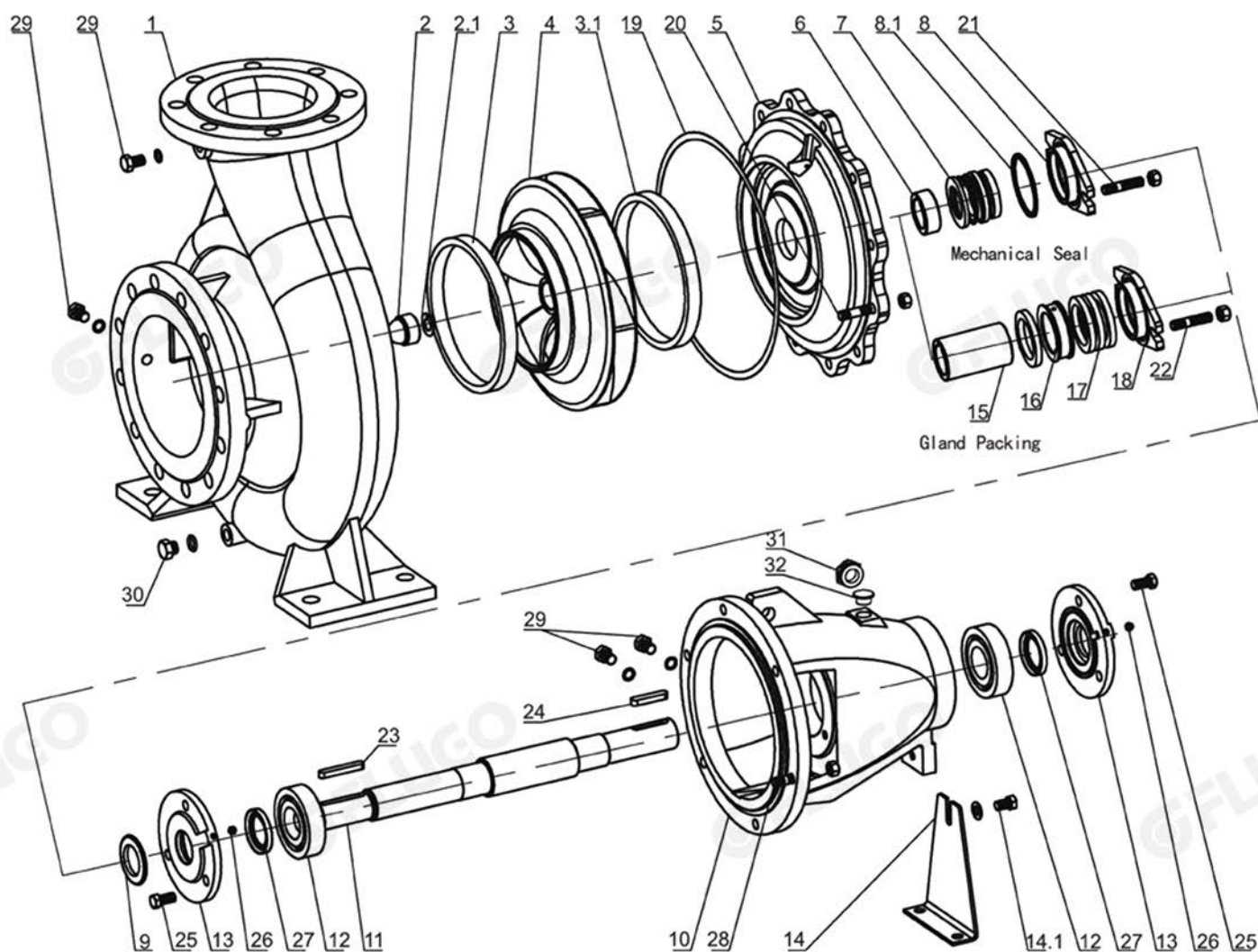
Design	Performance and dimensions referring to the European standard BS EN733 / DIN24255
Structure	Horizontal, Axial End-Suction, Single-Stage, Single-Suction, Volute Casing, Back pull-out
DN (mm)	32 - 300
Flange	ISO7005.2 DIN2501 PN16 GB / T17241.6 PN1.6

Material

Part	Standard Material	Lubrication	Oil
Casing	ZCusn10Pi - Marine Bronze	Flange	PN16
Impeller	ZCusn10Pi - Marine Bronze	Paint	Marine Epoxy Coated
Shaft	Duplex		
Shaft Seal	Mechanical Seal		

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°C
Working Pressure	1.0 MPa Standard : 1.6 MPa on Request
Conveying Medium	Sea Water

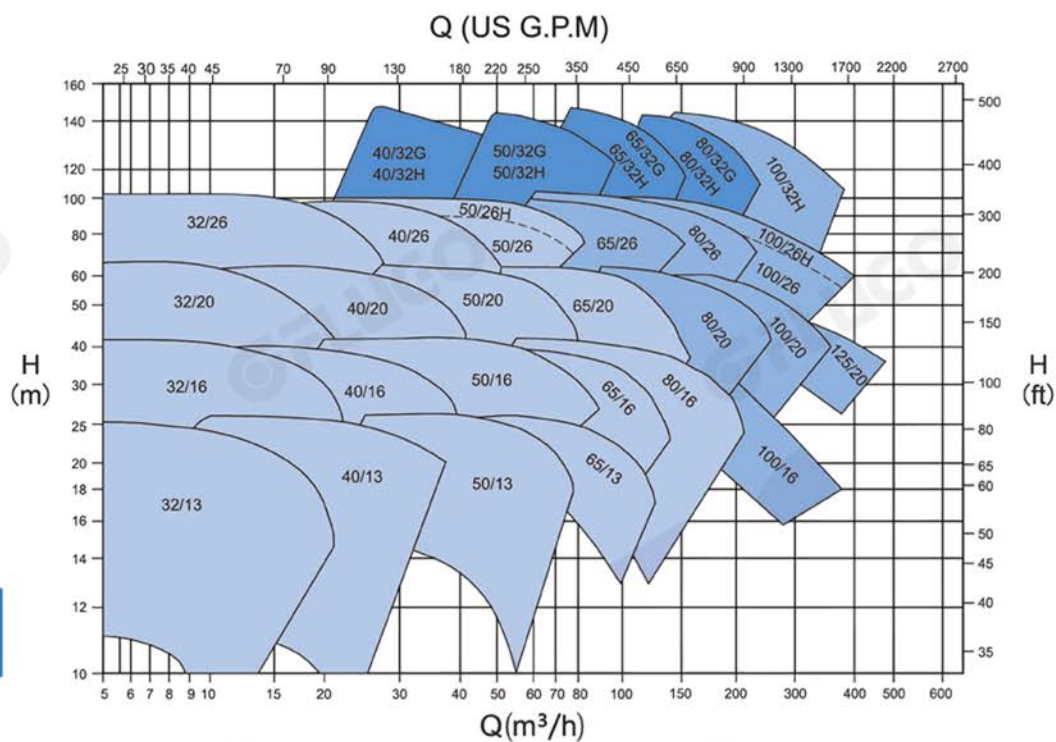


Code	Part Name
1	Casing
2	Impeller Nut
2.1	Lock Washer
3	Wear Ring (Front)
3.1	Wear Ring (Back)
4	Impeller
5	Casing Cover
6	Shaft Spacer
7	Mech.Seal
8	Seal Cover
8.1	O-ring
9	Rubber Slinger
10	Bearing Frame

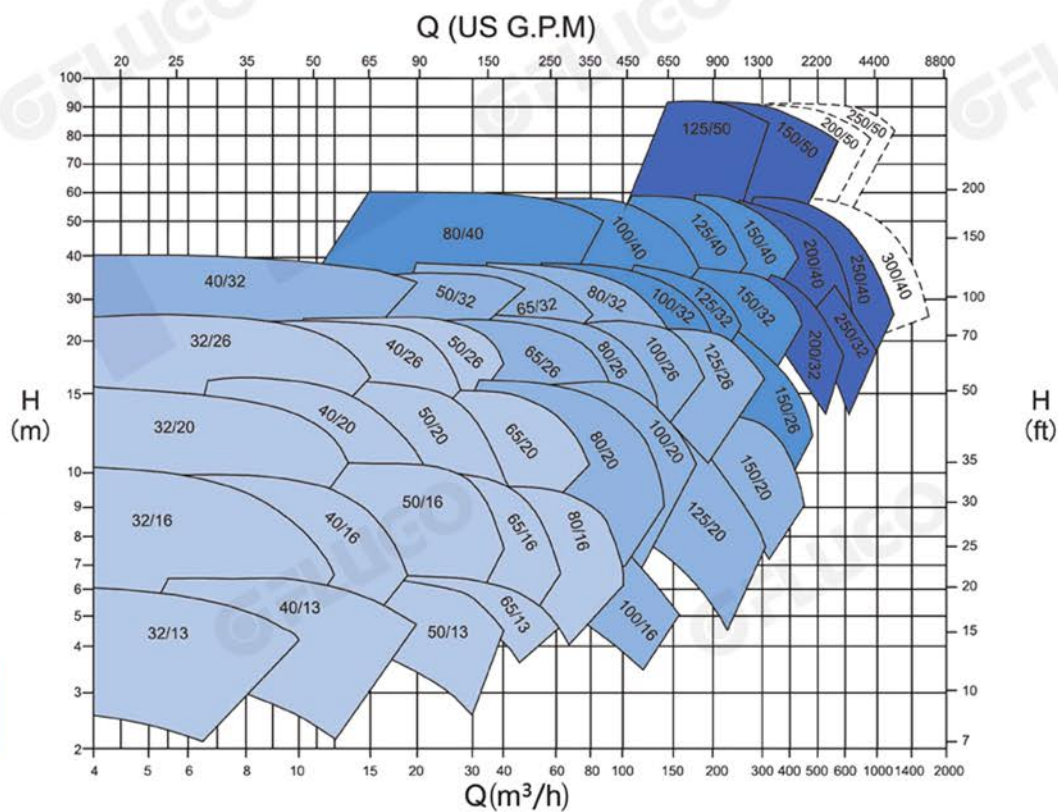
Code	Part Name
11	Shaft
12	Bearing
13	Bearing Cover
14	Support Foot
14.1	Bolt & Nut
15	Packing Sleeve
16	Packing Seal Cage
17	Gland Packing
18	Gland Cover
19	Casing Gasket
20	Stud & Nut
21	Stud & Nut

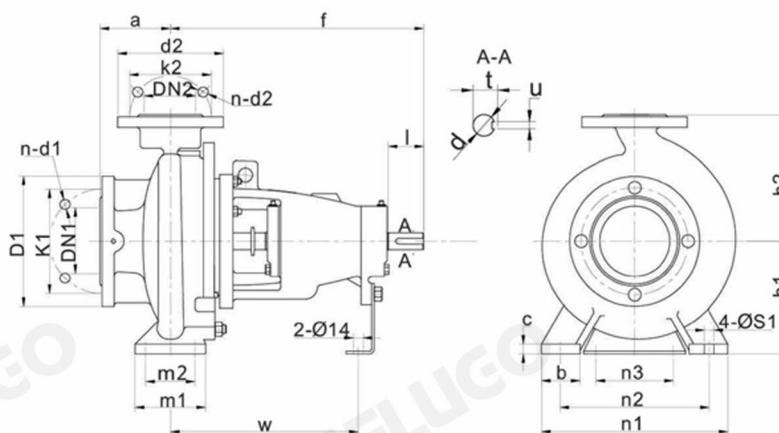
Code	Part Name
22	Stud & Nut
23	Key
24	Key
25	Screw Bolt
26	Oil Nipple
27	Felting
28	Oil Seal
29	Plug & Washer
30	Plug & Washer
31	Oil Scale
32	Oil Cover

2900rpm



1450rpm





© FA Installation Dimensions

NO	Model	Bearing	DN1	DN2	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	w	d	l	t	u										
		Inside Dimension																													
1	FA32/13	25	50	32	80	360	112	140	50	14	100	100	70	190	140	14		267	24	50	27	8									
2	FA32/16						132	160						240	190																
3	FA32/20						160	180																							
4	FA32/26				180		225	65	125		95	320	250																		
5	FA40/13				112		140					210	160																		
6	FA40/16		80	40	100	180	225	50	100	100	70	240	190	265	212		320	250													
7	FA40/20											265	212																		
8	FA40/26											265	212																		
9	FA40/32		125		65		470	200		250	65	110	125	95	345		280	342							32	80	35	10			
10	FA40/32H														345		280								367	42	110	45	12		
11	FA40/32G			526		200			100						100		70		265	212	267	24	50	27	8						
12	FA50/13		100	50		360	160	180		50	320		250	344																	
13	FA50/16												160												200	320	250	342	32	80	35
14	FA50/20				180				225			65	18		125		95								345		280		367	42	110
15	FA50/26		125		80	470	225	280	65	14	280			212				267	24	50	27	8									
16	FA50/26G	100												65		360		160	180	200	65	14	320	250	339						
17	FA50/32			180								225	65		18		125							95							345
18	FA50/32H		225	280		65	18	125	95		345	280																			367
19	FA50/32G	526	200	65							18	125				95		345	280	367	42		110		45	12					
20	FA65/13	100	80		360					160			180		200		65	14	280	212	267		24	50	27	8					
21	FA65/16					180	225	65	18					125						95	345	280	367	42	110	45	12				
22	FA65/20			225		280	65				18	125				95					345	280	367	42	110	45	12				
23	FA65/20G	280		355	65	18				125			95		345		280		367		42	110	45	12							
24	FA65/26	100		65				465	200					250	80		15		160	120	400	315	18	342	32	80	35	10			
25	FA65/32		225				280				65	18				125		95			320	250		267	24	50	27	8			
26	FA65/32H		280		355	65	18			125			95								320	250		267	24	50	27	8			
27	FA65/32G	526	200		65			18	125					95	320				250	267	24	50	27	8							
28	FA80/16	360	180								65	18			125	95		320	250	267	24	50	27	8							
29	FA80/20	100	80	470		200	280			80			16				160	120	400	315	18	342	32	80	35	10					
30	FA80/26				250			315	65					18					125	95		320	250	267	24	50	27	8			
31	FA80/32				280			355			65	18			125	95						320	250	267	24	50	27	8			
32	FA80/32H	315		400	65	18	125	95		320							250	267			24	50	27	8							
33	FA80/32G	350		425					65	18				125			95	320	250	267	24	50	27	8							
34	FA80/40	375	500	65							18	125	95		320	250		267	24	50	27	8									
35	FA100/16	400	560		65	18	125	95							320	250		267	24	50	27	8									
36	FA100/20	425	560						65	18				125	95	320	250	267	24	50	27	8									
37	FA100/26	450	600	65							18	125	95			320	250	267	24	50	27	8									
38	FA100/32	475	640		65	18	125	95								320	250	267	24	50	27	8									
39	FA100/40	500	680						65	18				125	95	320	250	267	24	50	27	8									
40	FA125/20	525	700	65							18	125	95			320	250	267	24	50	27	8									
41	FA125/26	550	750		65	18	125	95								320	250	267	24	50	27	8									
42	FA125/32	575	780						65	18				125	95	320	250	267	24	50	27	8									
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44	FA125/50	625	850		65	18	125	95								320	250	267	24	50	27	8									
45	FA150/20	650	900						65	18				125	95	320	250	267	24	50	27	8									
46	FA150/26	675	950	65							18	125	95			320	250	267	24	50	27	8									
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48	FA150/40	725	1050						65	18				125	95	320	250	267	24	50	27	8									
49	FA150/50	750	1100	65							18	125	95			320	250	267	24	50	27	8									
50	FA200/26	775	1150		65	18	125	95								320	250	267	24	50	27	8									
51	FA200/32	800	1200						65	18				125	95	320	250	267	24	50	27	8									
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53	FA200/50	850	1300		65	18	125	95								320	250	267	24	50	27	8									
54	FA250/32	875	1350						65	18				125	95	320	250	267	24	50	27	8									
55	FA250/40	900	1400	65							18	125	95			320	250	267	24	50	27	8									
56	FA250/50	925	1450		65	18	125	95								320	250	267	24	50	27	8									
57	FA300/40	950	1500						65	18				125	95	320	250	267	24	50	27	8									
		975	1550	65							18	125	95			320	250	267	24	50	27	8									
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		1900	3400		65	18	125	95								320	250	267	24	50	27	8									
		1925	3450						65	18				125	95	320	250	267	24	50	27	8									
		1950	3500	65							18	125	95</																		

Authorized Distributor



FA Series - Centrifugal Pump (Marine Series)