



EBARA

Looking ahead,
going beyond expectations

Ahead  *Beyond*

Japanese Technology since 1912

EN733 Centrifugal Motor Pumps (2900 rpm)

Model 3LS

316 Stainless Steel

Stub shaft design with
IEC standard motors



Specifications

- End suction centrifugal pump with closed impeller
- Maximum working pressure: 10 bar
- Liquid temperature: -10 °C to +110 °C

Materials

- Pump casing: 316L Stainless Steel
- Impeller: 316L Stainless Steel
- Casing cover: 316L Stainless Steel
- Shaft: 316 Stainless Steel (wetted part)
- Motor bracket: Cast Iron
- Mechanical seal: SiC/SiC/iton

Motor Data

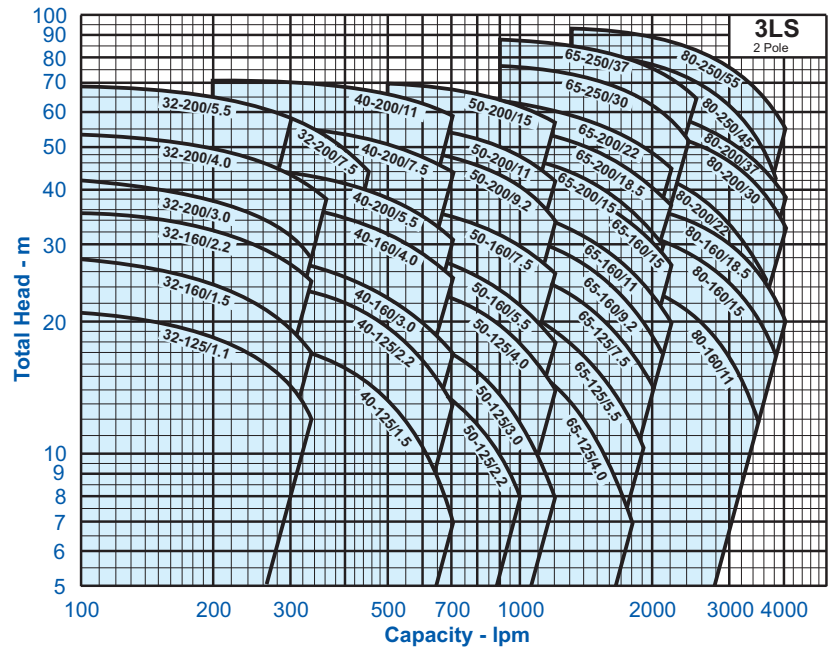
- IEC standard 2 pole motors
- WEG W21 IE3 standard supply
- TEFC, 50 Hz
- Insulation class F
- IP55 Protection

Options

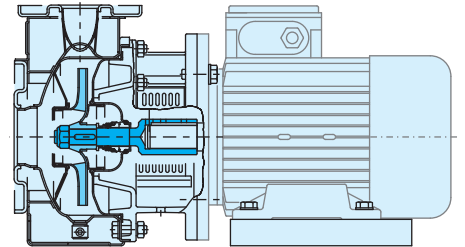
- Single phase motors (up to 3.0 kW)
- Other motor brands, types etc. on request
- Mounted on galvanised steel baseplate

Accessories

- Companion flange kits available



Typical Construction



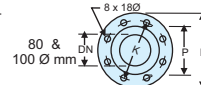
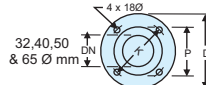
Model Code
 3LS 40 - 200 / 7.5
 Motor Size kW
 Nominal Impeller Diameter mm
 Discharge Size Ø mm
 3LS = 2 pole model

Basic Dimensions

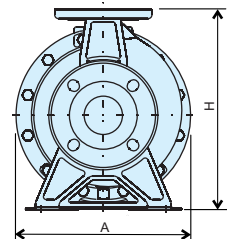
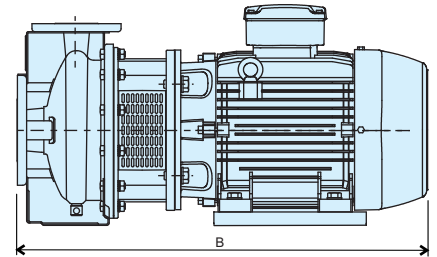
Ø DN	Model	A	B	H	wgt. kg	Ø DN	Model	A	B	H	wgt. kg
32 x 50	3LS 32-125/1.1	213	434	252	28	65 x 80	3LS 65-125/4.0	254	575	340	69
	3LS 32-160/1.5	254	489	292	39		3LS 65-125/5.5	254	675	340	93
	3LS 32-160/2.2	254	489	292	42		3LS 65-125/7.5	254	675	340	102
	3LS 32-200/3.0	296	538	340	56		3LS 65-160/9.2	296	675	360	106
	3LS 32-200/4.0	296	555	340	65		3LS 65-160/11.0	296	822	360	138
	3LS 32-200/5.5	296	675	340	93		3LS 65-160/15.0	296	832	360	145
	3LS 32-200/7.5	296	675	340	101		3LS 65-200/15.0	296	832	405	133
40 x 65	3LS 40-125/1.5	213	489	252	36	80 x 100	3LS 65-200/18.5	296	832	405	153
	3LS 40-125/2.2	213	489	252	39		3LS 65-200/22	296	892	405	194
	3LS 40-160/3.0	254	538	292	52		3LS 65-250/30	400	956	450	285
	3LS 40-160/4.0	254	555	292	61		3LS 65-250/37	400	956	450	301
	3LS 40-200/5.5	296	675	340	93		3LS 80-160/11	350	857	405	150
	3LS 40-200/7.5	296	675	340	101		3LS 80-160/15	350	857	405	155
	3LS 40-200/11.0	296	822	340	140		3LS 80-160/18.5	350	857	405	177
50 x 65	3LS 50-125/2.2	254	509	292	45	80 x 100	3LS 80-200/22	357	917	430	232
	3LS 50-125/3.0	254	558	292	52		3LS 80-200/30	400	981	430	287
	3LS 50-125/4.0	254	575	292	61		3LS 80-200/37	400	981	430	303
	3LS 50-160/5.5	296	675	340	94		3LS 80-250/45	450	1068	480	418
	3LS 50-160/7.5	296	675	340	102		3LS 80-250/55	550	1156	480	570
	3LS 50-200/9.2	296	675	360	105						
	3LS 50-200/11.0	296	822	360	140						
	3LS 50-200/15.0	296	822	360	146						

Dimensions in mm.

Ø = Discharge
 x Suction



DN	32	40	50	65	80	100
P	75	80	95	115	120	135
K	100	110	125	145	160	180
D	140	150	165	185	200	225



Specifications subject to change without notice

Dealer



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