

VERTICAL MULTISTAGE PUMPS



MAG DRIVE PUMPS



AODD PUMPS



ROTARY LOBE PUMPS



HELICAL ROTOR PUMPS



PERISTALTIC PUMPS



GEAR PUMPS



INDUSTRIAL MINING CIVIL

Pump Handbook

1300 ALLPUMPS

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HYDROMAX
Quality - ISO 1 DIN 1 Split Case - Centrifugal Pumps



JAVELIN
MULTI-STAGE PUMPS 

PACKAGED PUMP SOLUTIONS... *ON TIME*

3LS - STAINLESS STEEL MOTOR PUMP



This series of stainless steel pumps features a unique one piece volute casing that is produced using an advanced computer controlled Plasma stamping system that ensures total quality control during manufacture. With the smooth surfaces of stamped stainless steel, this results in consistent high standard products, of superior quality and high efficiency. (Cast casing on 65-250 & 80 models)

The back pull-out construction permits the disassembly and overhaul of the impeller, mechanical seal and motor without removal of the suction or discharge piping, or pump casing.

The centre line discharge and foot support under the casing ensure maximum resistance to misalignment and distortion from pipe loads.



Standard with high quality silicon carbide mechanical seal
All the hydraulic and wetted components are manufactured in 316 stainless steel



Stub shaft design Uses IEC standard motors
Precision cast casing on 65-250 & 80 models

Motor Data

- IEC standard 2 pole 50Hz motors (3LS)
- IEC standard 4 pole 50Hz motor (3LS4)
- 3 phase, TEFC, IP55, Class F

Range

- 1.1 to 55kW - 3 phase (3LS)
- 0.25 to 7.5kW -3 phase (3LS4)
- 32 to 80mm discharge.

Options

- Available as pump end kit without motor
- Single Phase motors
- Other motor brands, types, etc. on request.

Materials

	CAST IRON	316 STAINLESS STEEL	SILICON CARBIDE/SILICON CARBIDE/VITON
Pump casing	—	✓	—
Impeller	—	✓	—
Casing cover	—	✓	—
Shaft	—	✓	—
Motor bracket	✓	—	—
Mech. seal	—	—	✓

TECHNICAL SPECIFICATIONS	
Stainless steel pump with closed impeller	
Maximum working pressure	10 bar
Liquid temperature	-10°C to +110°C

Model Code 3LS 40 - 200 / 7.5 M

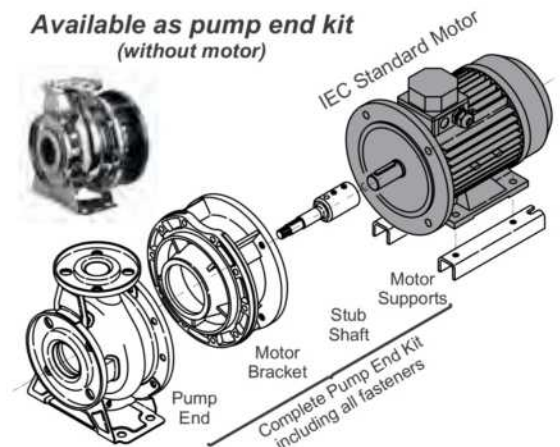
M = Single Phase
 Motor Size kW
 Nominal Impeller Diameter mm
 Discharge Size Ømm
 Model; 3LS with motor; 3LSF without motor (kit)

Synchronous Speed: **3000 r.p.m.**

Water temp: **20°C**

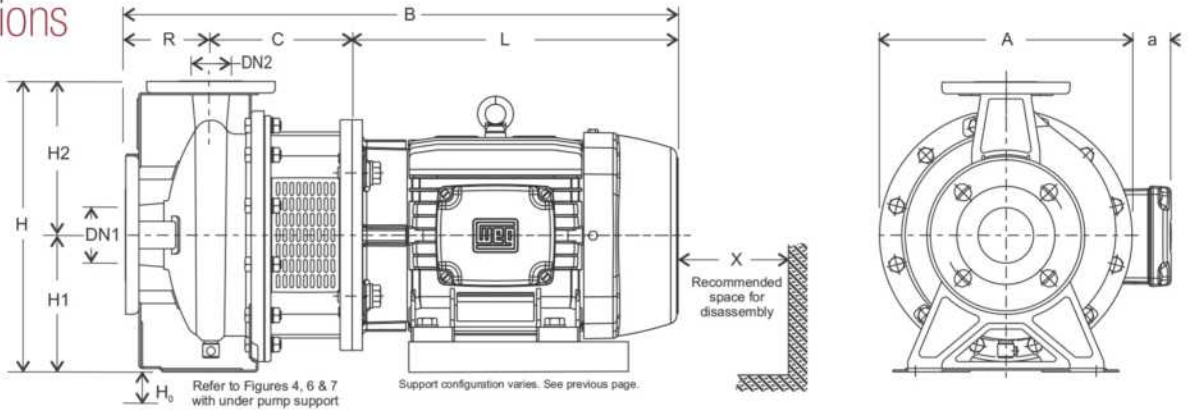
Applicable standard of test : **ISO 2458 Class C**

Available as pump end kit (without motor)





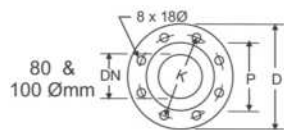
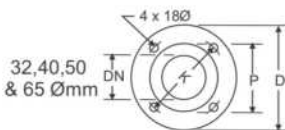
Dimensions



Dimensions & weights refer to units fitted with standard 3 phase cast iron WEG motors

DN2 X DN1	PUMP MODEL (_____/KW)	MOTOR DETAILS			DIMENSIONS (MM)											WEIGHT (KG)		
		FRAME	MOUNT	CONFIG.	H1	H2	H	H ₀	R	C	L	B	A	a	X	PUMP END	MOTOR	TOTAL
32mm x 50mm	3LS 32-125/1.1	80	B5	Fig 1	112	140	252	-	80	118	236	434	213	30	110	13	15	28
	3LS 32-160/1.5	90S	B5	Fig 1	132	160	292	-	80	130	254	464	254	28	110	17	20	37
	3LS 32-160/2.2	90L	B5	Fig 1	132	160	292	-	80	130	279	489	254	28	110	17	23	40
	3LS 32-200/3.0	100L	B35	Fig 2	160	180	340	-	80	142	316	538	296	17	110	24	33	57
	3LS 32-200/4.0	112M	B35	Fig 2	160	180	340	-	80	142	333	555	296	36	110	24	42	66
	3LS 32-200/5.5	132S	B35	Fig 3	160	180	340	-	80	165	372	617	296	64	110	28	61	89
40mm x 65mm	3LS 32-200/7.5	132S	B35	Fig 3	160	180	340	-	80	165	372	617	296	64	110	28	67	95
	3LS 40-125/1.5	90S	B5	Fig 1	112	140	252	-	80	130	354	464	213	49	115	15	20	35
	3LS 40-125/2.2	90L	B5	Fig 1	112	140	252	-	80	130	279	489	213	49	115	15	23	48
	3LS 40-160/3.0	100L	B35	Fig 3	132	160	292	-	80	142	316	538	254	38	115	20	33	53
	3LS 40-160/4.0	112M	B35	Fig 3	132	160	292	-	80	142	333	555	254	57	115	20	42	62
	3LS 40-200/5.5	132S	B35	Fig 3	160	180	340	-	100	165	372	637	296	64	115	28	61	89
50mm x 65mm	3LS 40-200/7.5	132S	B35	Fig 3	160	180	340	-	100	165	372	637	296	64	115	28	67	95
	3LS 40-200/11.0	160M	B35	Fig 4	160	180	340	42	100	198	488	786	296	107	115	42	110	152
	3LS 50-125/2.2	90L	B5	Fig 1	132	160	292	-	100	130	279	489	254	28	125	20	23	43
	3LS 50-125/3.0	100L	B35	Fig 3	132	160	292	-	100	142	316	558	254	38	125	20	33	53
	3LS 50-125/4.0	112M	B35	Fig 3	132	160	292	-	100	142	333	575	254	57	125	20	42	62
	3LS 50-160/5.5	132S	B35	Fig 3	160	180	340	-	100	165	372	637	296	64	125	29	61	90
65mm x 80mm	3LS 50-160/7.5	132S	B35	Fig 3	160	180	340	-	100	165	372	637	296	64	125	29	67	96
	3LS 50-200/9.2	132L	B35	Fig 3	160	200	360	-	100	165	410	675	296	64	125	29	74	103
	3LS 50-200/11.0	160M	B35	Fig 4	160	200	360	42	100	198	488	786	296	107	125	42	110	152
	3LS 50-200/15.0	160M	B35	Fig 4	160	200	360	42	100	198	488	786	296	107	125	43	115	158
	3LS 65-125/4.0	112M	B35	Fig 2	160	180	340	-	100	142	333	575	254	57	145	26	42	68
	3LS 65-125/5.5	132S	B35	Fig 3	160	180	340	-	100	165	372	637	254	85	145	28	61	89
80mm x 100mm	3LS 65-125/7.5	132S	B35	Fig 3	160	180	340	-	100	165	372	637	254	85	145	29	67	96
	3LS 65-160/9.2	132M	B35	Fig 3	160	200	360	-	100	165	410	675	296	64	145	30	74	104
	3LS 65-160/11.0	160M	B35	Fig 4	160	200	360	42	100	198	488	786	296	107	145	40	110	150
	3LS 65-160/15.0	160M	B35	Fig 4	160	200	360	42	100	198	488	786	296	107	145	42	115	157
	3LS 65-200/15.0	160M	B35	Fig 3	180	225	405	-	100	208	488	696	296	107	145	30	115	145
	3LS 65-200/18.5	160L	B35	Fig 3	180	225	405	-	100	208	532	840	296	107	145	30	136	166
80mm x 100mm	3LS 65-200/22	180M	B35	Fig 5	180	225	405	-	100	208	554	862	296	127	145	30	172	202
	3LS 65-250/30	200L	B35	Fig 5	200	250	450	-	100	208	657	965	400	100	150	70	245	315
	3LS 65-250/37	200L	B35	Fig 5	200	250	450	-	100	208	657	965	400	100	150	71	260	331
	3LS 80-160/11	160M	B35	Fig 3	180	225	405	-	125	208	488	821	350	80	150	52	110	162
	3LS 80-160/15	160M	B35	Fig 3	180	225	405	-	125	208	488	821	350	80	150	52	115	167
	3LS 80-160/18.5	160L	B35	Fig 3	180	225	405	-	125	208	532	865	350	80	150	53	136	189
80mm x 100mm	3LS 80-200/22	180M	B35	Fig 5	180	250	430	-	125	208	554	887	357	97	150	68	172	240
	3LS 80-200/30	200L	B35	Fig 6	180	250	430	20	125	208	657	990	400	100	150	72	245	317
	3LS 80-200/37	200L	B35	Fig 6	180	250	430	20	125	236	657	1018	400	100	150	73	260	333
	3LS 80-250/45	225S/M	B35	Fig 6	200	280	480	25	125	236	737	1098	450	148	150	88	411	499
3LS 80-250/55	225S/M	B35	Fig 7	200	280	480	80	125	248	783	1156	550	98	150	100	490	590	

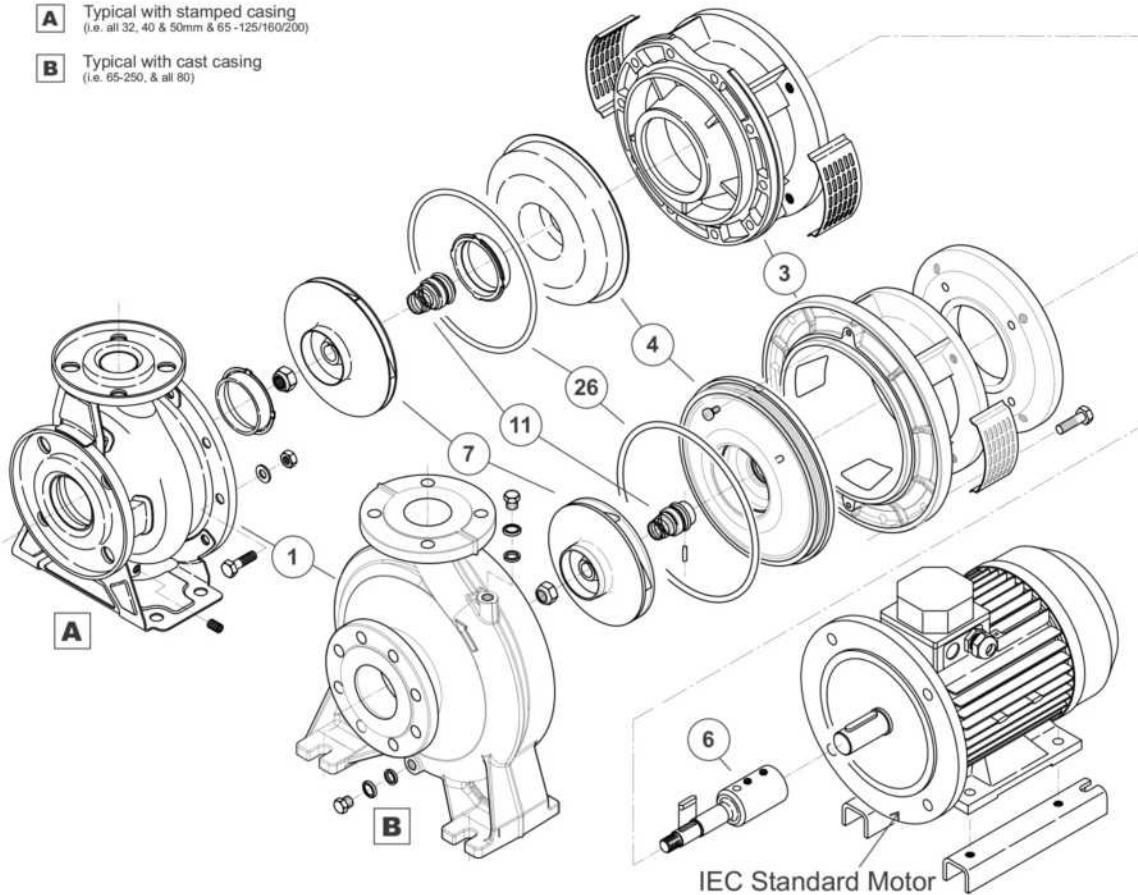
Flanges to DIN 2532



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

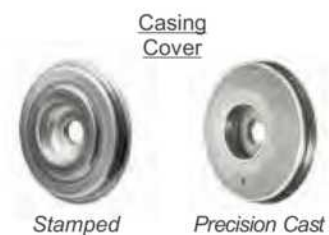
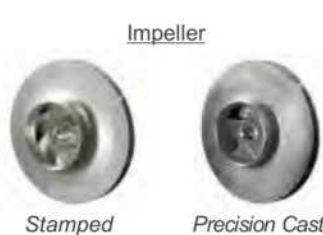
Construction

- A** Typical with stamped casing
(i.e. all 32, 40 & 50mm & 65-125/160/200)
- B** Typical with cast casing
(i.e. 65-250, & all 80)



Note: Mounting and support feet varies between models.

ITEM	DESCRIPTION	SUITS MODELS	MATERIALS
1	Casing	All 32, 40 & 50; 65-125/160/200 65-250: All 80	AISI 316L Stainless Steel - stamped AISI 316 Stainless Steel - precision cast
7	Impeller	All 32, 40 & 50 All 65 & 80	AISI 316L Stainless Steel - stamped AISI 316 Stainless Steel - precision cast
4	Casing cover	32, 40 & 50; 65-125/160/200; 80-160 65-250; 80-200/250	AISI 316L Stainless Steel - stamped AISI 316 Stainless Steel - precision cast
26	O-ring (casing)	All models	Viton
11	Mechanical Seal	All models	SiC/SiC/Viton with anti rotation device for stationary seat
6	Stub shaft	All models	AISI 316 Stainless Steel (Up to 22 kW) Duplex Stainless Steel (30 to 55 kW)
3	Motor bracket	All models	Cast iron





3LS32

PUMP END KITS ONLY For 2900 RPM Motors

PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF 32-125/1.1	1.1kW	80	FL	32mm / 50mm
3LSF 32-160/1.5	1.5kW	90	FL	
3LSF 32-160/2.2	2.2kW	90	FL	
3LSF 32-200/3.0	3.0kW	100	F & FL	
3LSF 32-200/4.0	4.0kW	112	F & FL	
3LSF 32-200/5.5	5.5kW	132	F & FL	

FL = B5 Flange Mount Motor

F & FL= B35 Foot & Flange Mount Motor

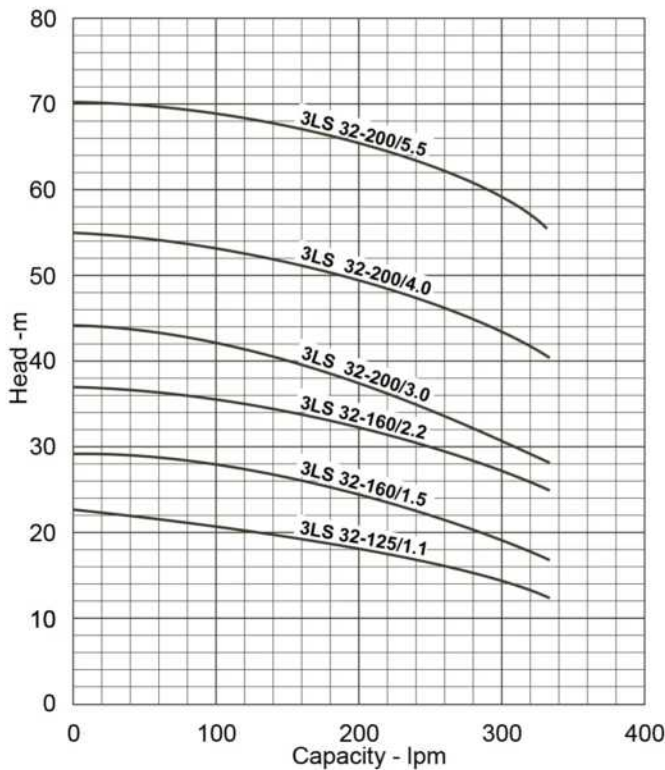
Pumps with 3 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 32-125/1.1	1.1kW	415V	3PH	32mm / 50mm
3LS 32-160/1.5	1.5kW	415V	3PH	
3LS 32-160/2.2	2.2kW	415V	3PH	
3LS 32-200/3.0	3.0kW	415V	3PH	
3LS 32-200/4.0	4.0kW	415V	3PH	
3LS 32-200/5.5	5.5kW	415V	3PH	

Pumps with 1 phase, IP55, Class F, 2900 RPM Motors

DISCHARGE / SUCTION	POWER	VOLTAGE	PHASE	PUMP MODEL
32mm / 50mm	1.1kW	240/480V	1PH	3LS 32-125/1.1M
	1.5kW	240/480V	1PH	3LS 32-160/1.5M
	2.2kW	240/480V	1PH	3LS 32-160/2.2M
	3.0kW	240/480V	1PH	3LS 32-200/3.0M
	4.0kW	240/480V	1PH	3LS 32-200/4.0M
	5.5kW	240/480V	1PH	3LS 32-200/5.5M

Performance Curve



Model Code 3LS 40 - 200 / 7.5 M

- M = Single Phase
- Motor Size kW
- Nominal Impeller Diameter mm
- Discharge Size Ømm
- Model; 3LS with motor; 3LSF without motor (kit)
- 3LS/3LSF = 2 pole model (4 pole models are 3LS4/3LSF4)

3LS40

PUMP END KITS ONLY For 2900 RPM Motors

PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF 40-125/1.5	1.5kW	90	FL	40mm / 65mm
3LSF 40-125/2.2	2.2kW	90	FL	
3LSF 40-160/3.0	3.0kW	100	F & FL	
3LSF 40-160/4.0	4.0kW	112	F & FL	
3LSF 40-200/5.5	5.5kW	132	F & FL	
3LSF 40-200/7.5	7.5kW	132	F & FL	
3LSF 40-200/11.0	11.0kW	160	F & FL	

FL = B5 Flange Mount Motor

F & FL= B35 Foot & Flange Mount Motor

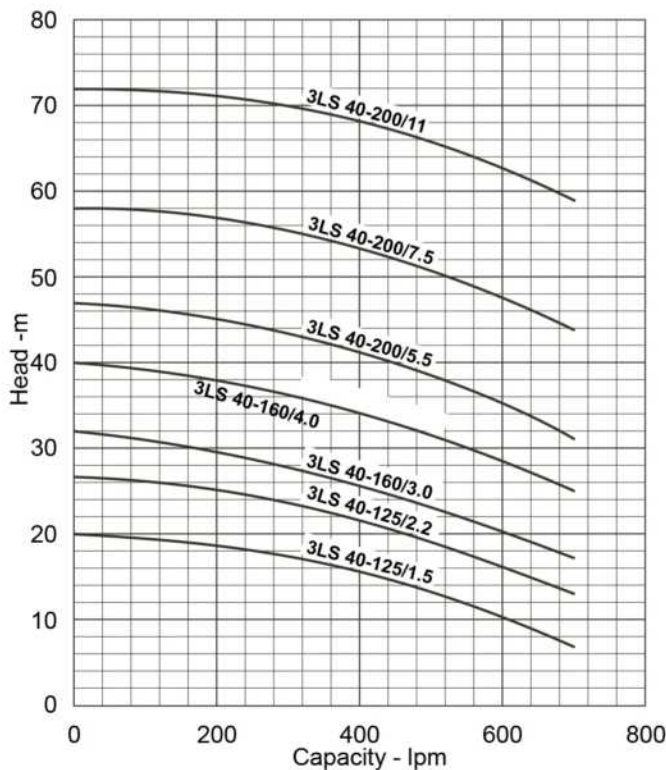
Pumps with 3 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 40-125/1.5	1.5kW	415V	3PH	40mm / 65mm
3LS 40-125/2.2	2.2kW	415V	3PH	
3LS 40-160/3.0	3.0kW	415V	3PH	
3LS 40-160/4.0	4.0kW	415V	3PH	
3LS 40-200/5.5	5.5kW	415V	3PH	
3LS 40-200/7.5	7.5kW	415V	3PH	
3LS 40-200/11.0	11.0kW	415V	3PH	

Pumps with 1 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 40-125/1.5M	1.5kW	240/480V	1PH	40mm / 65mm
3LS 40-125/2.2M	2.2kW	240/480V	1PH	
3LS 40-160/3.0M	3.0kW	240/480V	1PH	
3LS 40-160/4.0M	4.0kW	240/480V	1PH	
3LS 40-200/5.5M	5.5kW	240/480V	1PH	
3LS 40-200/7.5M	7.5kW	240/480V	1PH	

Performance Curve



Model Code

3LS 40 - 200 / 7.5 M
 M = Single Phase
 Motor Size kW
 Nominal Impeller Diameter mm
 Discharge Size Ømm
 Model: 3LS with motor; 3LSF without motor (kit)
 3LS/3LSF = 2 pole model (4 pole models are 3LS4/3LSF4)



3LS50

PUMP END KITS ONLY For 2900 RPM Motors

PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF 50-125/2.2	2.2kW	90	FL	50mm / 65mm
3LSF 50-125/3.0	3.0kW	100	F & FL	
3LSF 50-125/4.0	4.0kW	112	F & FL	
3LSF 50-160/5.5	5.5kW	132	F & FL	
3LSF 50-160/7.5	7.5kW	132	F & FL	
3LSF 50-200/9.2	9.2kW	132	F & FL	
3LSF 50-200/11.0	11.0kW	160	F & FL	
3LSF 50-200/15.0	15.0kW	160	F & FL	

FL = B5 Flange Mount Motor

F & FL= B35 Foot & Flange Mount Motor

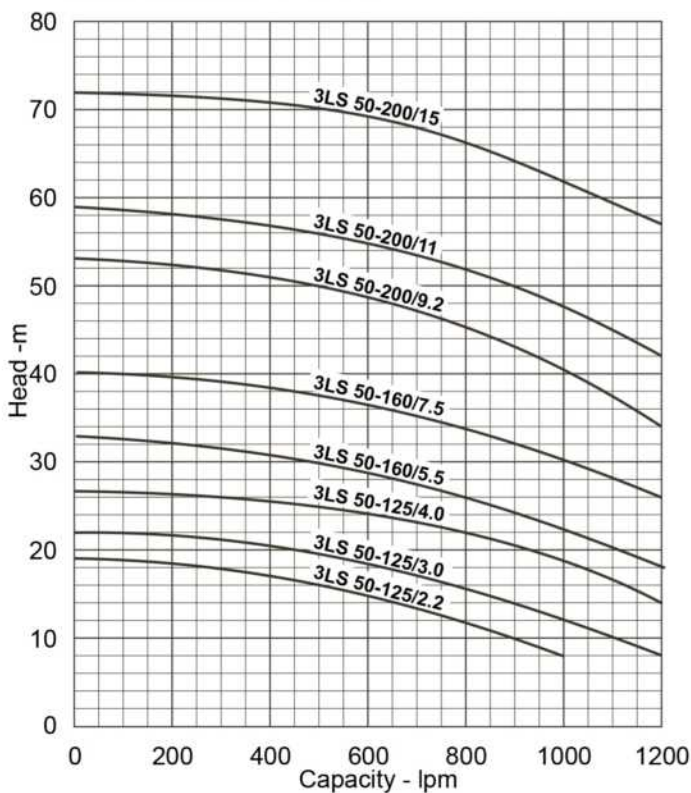
Pumps with 1 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 50-125/2.2M	2.2kW	240/480V	1PH	50mm / 65mm
3LS 50-125/3.0M	3.0kW	240/480V	1PH	
3LS 50-125/4.0M	4.0kW	240/480V	1PH	
3LS 50-160/5.5M	5.5kW	240/480V	1PH	
3LS 50-160/7.5M	7.5kW	240/480V	1PH	

Pumps with 3 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 50-125/2.2	2.2kW	415V	3PH	50mm / 65mm
3LS 50-125/3.0	3.0kW	415V	3PH	
3LS 50-125/4.0	4.0kW	415V	3PH	
3LS 50-160/5.5	5.5kW	415V	3PH	
3LS 50-160/7.5	7.5kW	415V	3PH	
3LS 50-200/9.2	9.2kW	415V	3PH	
3LS 50-200/11.0	11.0kW	415V	3PH	
3LS 50-200/15.0	15.0kW	415V	3PH	

Performance Curve



Model Code



3LS65

PUMP END KITS ONLY For 2900 RPM Motors

PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF 65-125/4.0	4.0kW	112	F & FL	65mm / 80mm
3LSF 65-125/5.5	5.5kW	132	F & FL	
3LSF 65-125/7.5	7.5kW	132	F & FL	
3LSF 65-160/9.2	9.2kW	132	F & FL	
3LSF 65-160/11.0	11.0kW	160	F & FL	
3LSF 65-160/15.0	15.0kW	160	F & FL	
3LSF 65-200/15.0	15.0kW	160	F & FL	
3LSF 65-200/18.5	18.5kW	160	F & FL	
3LSF 65-200/22	22.0kW	180	F & FL	
3LSF 65-250/30	30kW	200	F & FL	
3LSF 65-250/37	37kW	200	F & FL	

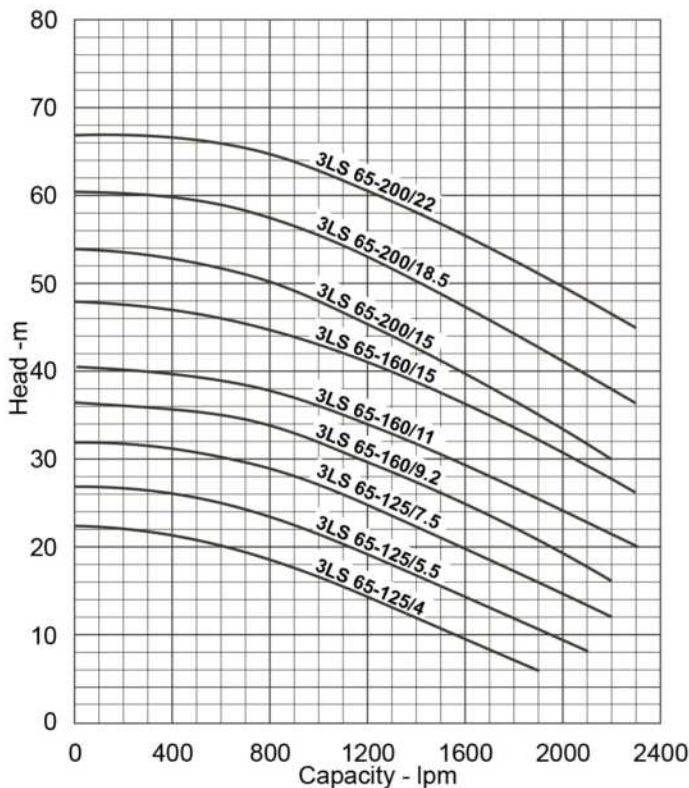
FL = B5 Flange Mount Motor

F & FL= B35 Foot & Flange Mount Motor

Pumps with 3 phase, IP55, Class F, 2900 RPM Motors

PUMP KIT MODEL	MINIMUM POWER	FRAME	MOUNT	DISCHARGE / SUCTION
3LS 65-250/30	30kW	415V	3PH	65mm / 80mm
3LS 65-250/37	37kW	415V	3PH	

Performance Curve



Model Code 3LS 40 - 200 / 7.5 M
 M = Single Phase
 Motor Size kW
 Nominal Impeller Diameter mm
 Discharge Size Ømm
 Model; 3LS with motor; 3LSF without motor (kit)
 3LS/3LSF = 2 pole model (4 pole models are 3LS4/3LSF4)

Pumps with 1 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 65-125/4.0M	4.0kW	240/480V	1PH	65mm / 80mm
3LS 65-125/5.5M	5.5kW	240/480V	1PH	
3LS 65-125/7.5M	7.5kW	240/480V	1PH	

Pumps with 3 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 65-125/4.0	4.0kW	415V	3PH	65mm / 80mm
3LS 65-125/5.5	5.5kW	415V	3PH	
3LS 65-125/7.5	7.5kW	415V	3PH	
3LS 65-160/9.2	9.2kW	415V	3PH	
3LS 65-160/11.0	11.0kW	415V	3PH	
3LS 65-160/15.0	15.0kW	415V	3PH	
3LS 65-200/15.0	15.0kW	415V	3PH	
3LS 65-200/18.5	18.5kW	415V	3PH	
3LS 65-200/22	22.0kW	415V	3PH	



3LS80

PUMP END KITS ONLY For 2900 RPM Motors

PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF 80-160/11	11kW	160	F & FL	80 mm / 100 mm
3LSF 80-160/15	15kW	160	F & FL	
3LSF 80-160/18.5	18.5kW	180	F & FL	
3LSF 80-200/22	22kW	180	F & FL	
3LSF 80-200/30	30kW	200	F & FL	
3LSF 80-200/37	37kW	200	F & FL	
3LSF 80-250/45	45kW	225	F & FL	
3LSF 80-250/55	55kW	250	F & FL	

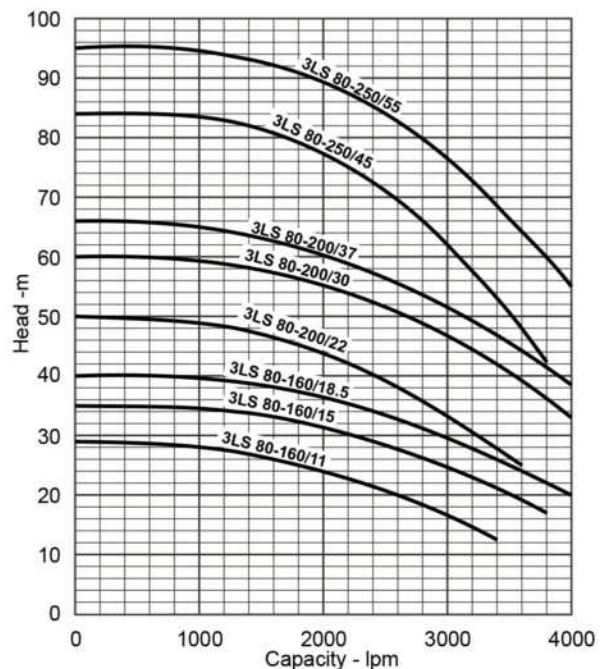
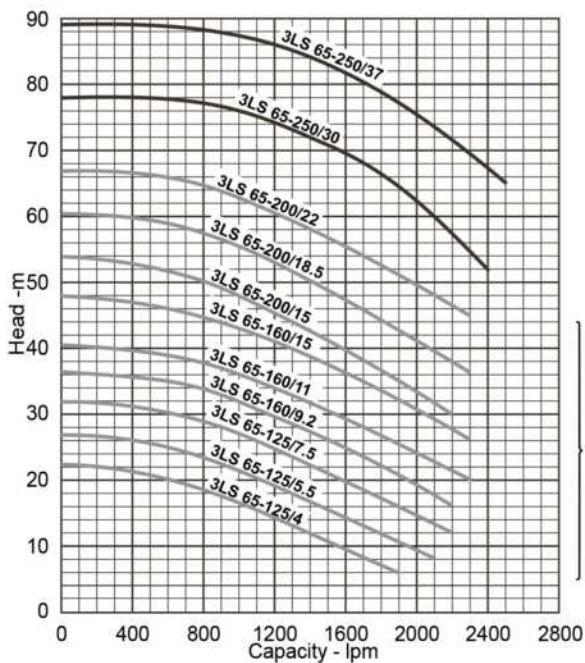
FL = B5 Flange Mount Motor F & FL= B35 Foot & Flange Mount Motor

"Kit" consists of complete pump wet end, cast iron motor bracket, stub shaft, motor support and all fasteners.

Pumps with 3 phase, IP55, Class F, 2900 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS 80-160/11	11kW	415V	3PH	80 mm / 100 mm
3LS 80-160/15	15kW	415V	3PH	
3LS 80-160/18.5	18.5kW	415V	3PH	
3LS 80-200/22	22kW	415V	3PH	
3LS 80-200/30	30kW	415V	3PH	
3LS 80-200/37	37kW	415V	3PH	
3LS 80-250/45	45kW	415V	3PH	
3LS 80-250/55	55kW	415V	3PH	

Performance Curves



3LS4 32

PUMP END KITS ONLY For 1450 RPM Motors

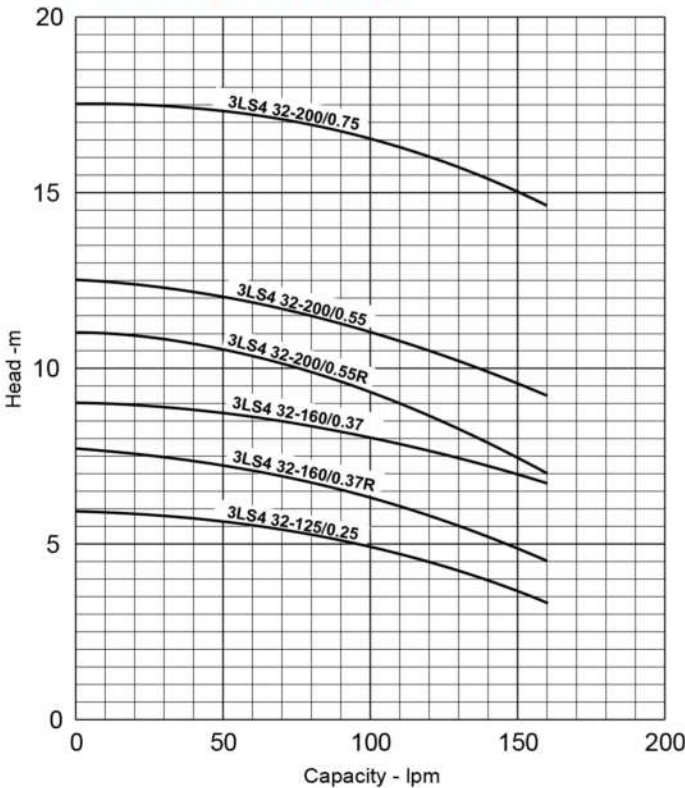
PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF4 32-125/0.25	0.25kW	71	FL	32mm / 50mm
3LSF4 32-160/0.37	0.37kW	71	FL	
3LSF4 32-160/0.37	0.37kW	71	FL	
3LSF4 32-200/0.55R	0.55kW	80	FL	
3LSF4 32-200/0.55	0.55kW	80	FL	
3LSF4 32-200/0.75	0.75kW	80	FL	

FL = B5 Flange Mount Motor

Pumps with 3 phase, IP55, Class F, 1450 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS4 32-125/0.25	0.25kW	415V	3PH	32mm / 50mm
3LS4 32-160/0.37R	0.37kW	415V	3PH	
3LS4 32-160/0.37	0.37kW	415V	3PH	
3LS4 32-200/0.55R	0.55kW	415V	3PH	
3LS4 32-200/0.55	0.55kW	415V	3PH	
3LS4 32-200/0.75	0.75kW	415V	3PH	

Performance Curve



Model Code 3LS4 50 - 160 / 1.5 R

- Reduced Diameter Impeller
- Motor Size kW
- Nominal Impeller Diameter mm
- Discharge Size Ømm
- 4 = 4 Pole speed
- Model; 3LS with motor; 3LSF without motor (kit)



3LS4 40

PUMP END KITS ONLY For 1450 RPM Motors

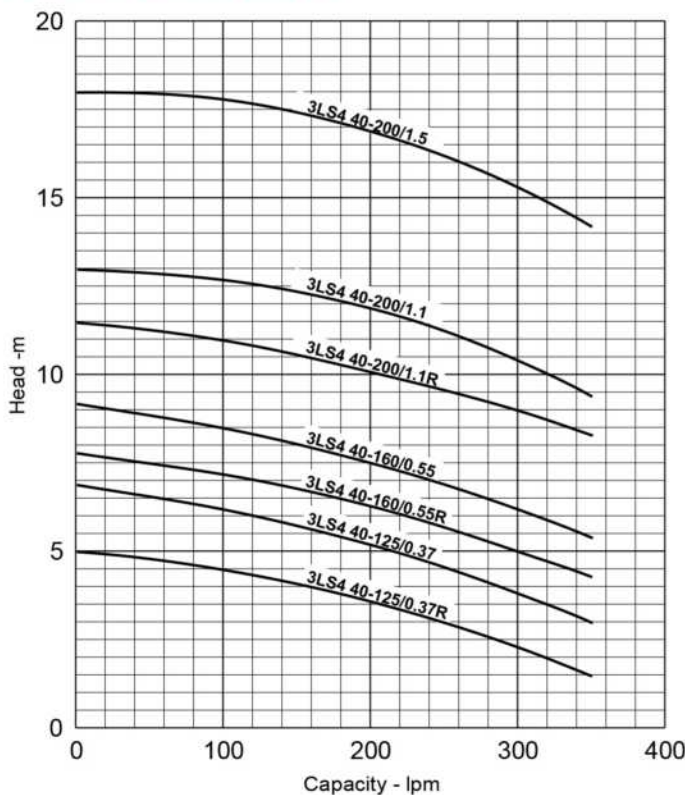
PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF4 40-125/0.37R	0.37kW	71	FL	40mm / 65mm
3LSF4 40-125/0.37	0.37kW	71	FL	
3LSF4 40-160/0.55R	0.55kW	80	FL	
3LSF4 40-160/0.55	0.55kW	80	FL	
3LSF4 40-200/1.1R	1.1kW	90	FL	
3LSF4 40-200/1.1	1.1kW	90	FL	
3LSF4 40-200/1.5	1.5kW	90	FL	

FL = B5 Flange Mount Motor

Pumps with 3 phase, IP55, Class F, 1450 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS4 40-125/0.37R	0.37kW	415V	3PH	40mm / 65mm
3LS4 40-125/0.37	0.37kW	415V	3PH	
3LS4 40-160/0.55R	0.55kW	415V	3PH	
3LS4 40-160/0.55	0.55kW	415V	3PH	
3LS4 40-200/1.1R	1.1kW	415V	3PH	
3LS4 40-200/1.1	1.1kW	415V	3PH	
3LS4 40-200/1.5	1.5kW	415V	3PH	

Performance Curve



Model Code



3LS4 50

PUMP END KITS ONLY For 1450 RPM Motors

PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF4 50-125/0.55R	0.55kW	80	FL	50mm / 65mm
3LSF4 50-125/0.55	0.55kW	80	FL	
3LSF4 50-160/1.1R	1.1kW	90	FL	
3LSF4 50-160/1.1	1.1kW	90	FL	
3LSF4 50-200/1.5R	1.5kW	90	FL	
3LSF4 50-200/1.5	1.5kW	90	FL	
3LSF4 50-200/2.2	2.2kW	100	F & FL	

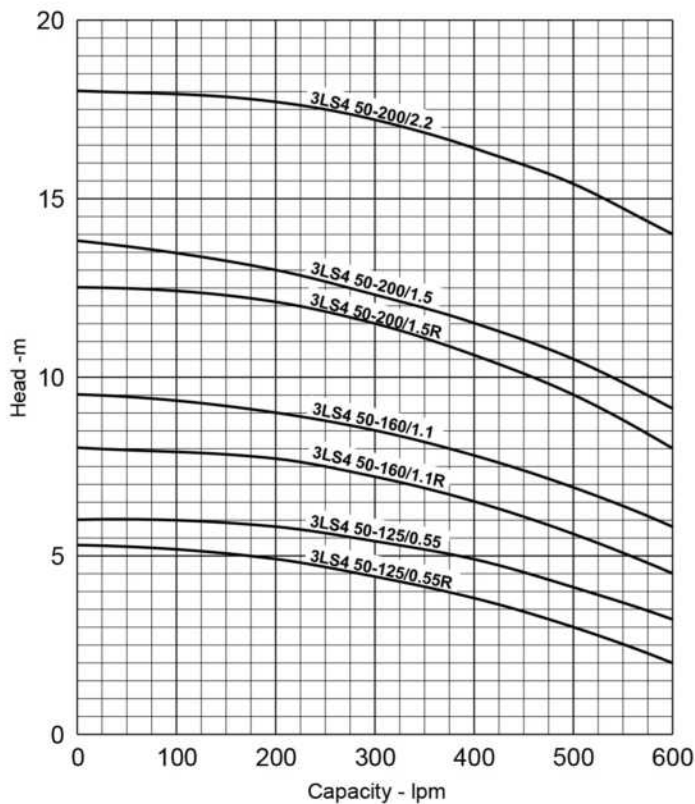
FL = B5 Flange Mount Motor

F & FL= B35 Foot & Flange Mount Motor

Pumps with 3 phase, IP55, Class F, 1450 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS4 50-125/0.55R	0.55kW	415V	3PH	50mm / 65mm
3LS4 50-125/0.55	0.55kW	415V	3PH	
3LS4 50-160/1.1R	1.1kW	415V	3PH	
3LS4 50-160/1.1	1.1kW	415V	3PH	
3LS4 50-200/1.5R	1.5kW	415V	3PH	
3LS4 50-200/1.5	1.5kW	415V	3PH	
3LS4 50-200/2.2	2.2kW	415V	3PH	

Performance Curve



Model Code

3LS4 50 - 160 / 1.5 R

- Reduced Diameter Impeller
- Motor Size kW
- Nominal Impeller Diameter mm
- Discharge Size Ømm
- 4 = 4 Pole speed

Model; 3LS with motor; 3LSF without motor (kit)



3LS4 65

PUMP END KITS ONLY For 1450 RPM Motors

PUMP KIT MODEL	MOTOR REQUIREMENT			DISCHARGE / SUCTION
	MINIMUM POWER	FRAME	MOUNT	
3LSF4 65-125/0.55	0.55kW	80	FL	65mm / 80mm
3LSF4 65-125/0.75	0.75kW	80	FL	
3LSF4 65-125/1.1	1.1kW	90	FL	
3LSF4 65-160/1.5	1.5kW	90	FL	
3LSF4 65-160/2.2	2.2kW	100	F & FL	
3LSF4 65-200/2.2	2.2kW	100	F & FL	
3LSF4 65-200/3.0	3.0kW	100	F & FL	

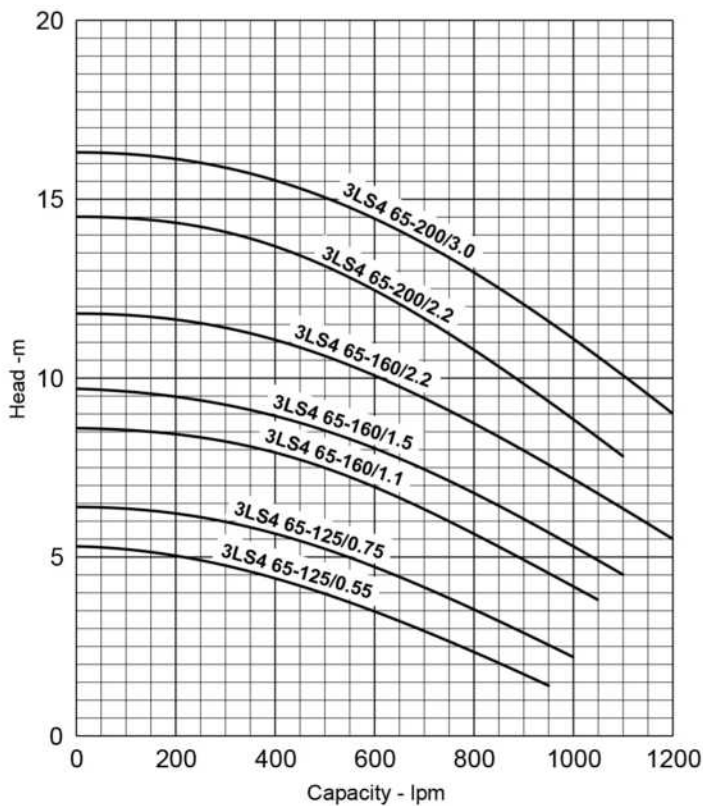
FL = B5 Flange Mount Motor

F & FL= B35 Foot & Flange Mount Motor

Pumps with 3 phase, IP55, Class F, 1450 RPM Motors

PUMP MODEL	POWER	VOLTAGE	PHASE	DISCHARGE / SUCTION
3LS4 65-125/0.55	0.55kW	415V	3PH	65mm / 80mm
3LS4 65-125/0.75	0.75kW	415V	3PH	
3LS4 65-125/1.1	1.1kW	415V	3PH	
3LS4 65-160/1.5	1.5kW	415V	3PH	
3LS4 65-160/2.2	2.2kW	415V	3PH	
3LS4 65-200/2.2	2.2kW	415V	3PH	
3LS4 65-200/3.0	3.0kW	415V	3PH	

Performance Curve



Model Code

