In-Line Extra Thrust - Three Phase Type LP and LPH - TEFC
Purchasing Data

Standard Features

- Three-phase 2, 4, 6 and 8 poles - 60Hz
- Voltage: 230/460V or 575V
- Squirrel cage / Aluminum die cast
- Totally Enclosed Fan Cooled (IP55)
- Insulation Class “F”
- 104°F (40°C) ambient temperature
- Temperature rise: Class ‘B’ (80°C)
- NEMA Dimensions
- D.E. Ball Bearings with normal clearance
- Altitude: 3300 ft (1000 m)
- 1045 carbon steel shaft
- Usual mounting: V1 footless
- Cast iron frame
- Aluminum Canopy
- Flange and shaft type LP
- Three eyebolt (frame 254T and up)
- NPT threaded terminal box conduit hole
- Automatic drain plugs
- Service factor: 1.25 up to 100HP
  1.15 above 100HP
- Paint: Enamel alkyd resin base
- Color: Blue - RAL 5007
- WEG paint plan: 201A

Optional Features

- Special voltages
- Painting Plans
- Thermistors, Thermostats or RTD’s (PT100)
- Space heaters
- Auxiliary terminal box
- Class “H” insulation
- Special grease for high or low temperatures
- IP56 Degree of Protection

API 610 Compliant

NEMA MG1 Part 31

SPIKE RESISTANT WISE WIRE

INVERTER RATED

Inverter Duty
- Please call for specific ratings

APPROVED BY ® LR 38324

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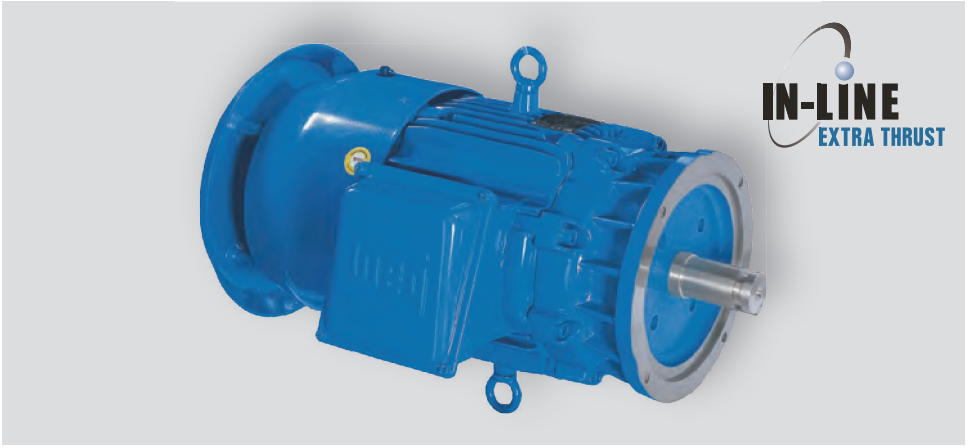


In-Line Extra Thrust - Three Phase Type LP and LPH - TEFC
Purchasing Data

High Efficiency

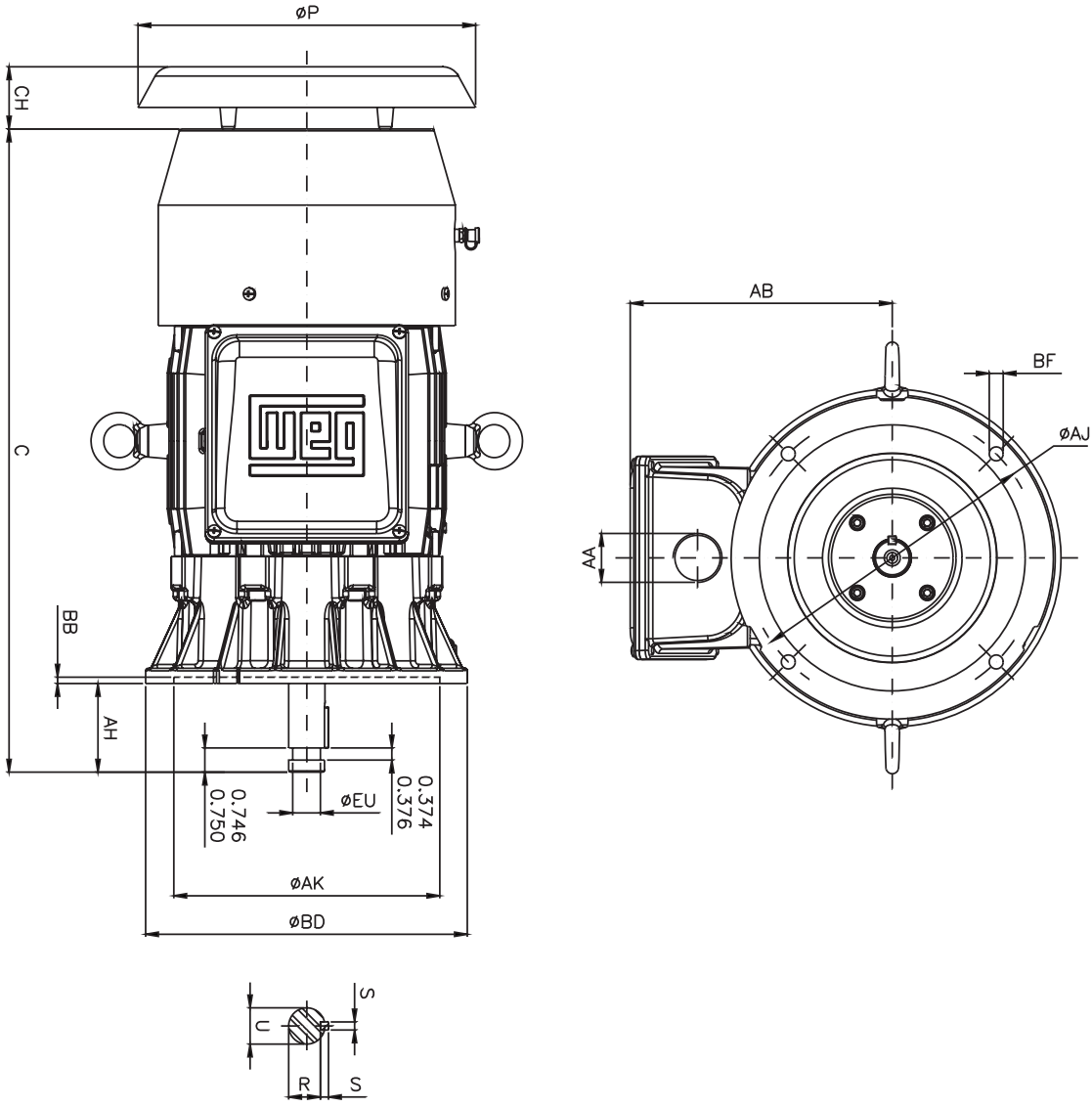
Rated Output		NEMA Frame	List Price	Part Number	Full Load Current		Full Load Efficiency	Shipping Weight (lbs.)	Overall Length "C" Dimension (in.)
HP	RPM				460V	575V			
1	900	182LP	$1,664	LP000X08NP	2.30	1.84	74.0	127	19.350
1.5	1200	182LP	1,619	LP001X06NP	2.36	1.89	85.5	127	19.350
	900	184LP	1,786	LP001X08NP	2.71	2.17	77.0	143	20.350
2	1200	184LP	1,742	LP002X06NP	3.20	2.56	86.5	148	20.350
	900	213LP	2,081	LP002X08NP	3.46	2.77	82.5	225	21.670
3	3600	182LP	1,615	LP003X02NP	3.71	2.97	85.5	141	19.350
	1800	182LP	1,689	LP003X04NP	3.90	3.12	87.5	127	19.350
	1200	213LP	2,130	LP003X06NP	4.25	3.40	87.5	214	21.670
	900	215LP	2,257	LP003X08NP	4.39	3.51	84.0	240	23.160
5	3600	184LP	1,790	LP005X02NP	5.90	4.72	87.5	146	20.350
	1800	184LP	1,702	LP005X04NP	6.46	5.17	87.5	146	20.350
	1200	215LP	2,172	LP005X06NP	6.80	5.44	87.5	254	23.160
	900	254LP	2,924	LP005X08NP	7.20	5.76	85.5	320	26.710
7.5	3600	213LP	2,157	LP007X02NP	8.66	6.93	88.5	217	21.670
	1800	213LP	2,107	LP007X04NP	9.53	7.62	89.5	214	21.670
	1200	254LP	2,744	LP007X06NP	9.53	7.62	89.5	287	26.710
	900	256LP	3,057	LP007X08NP	11.2	8.99	86.5	375	28.440
10	3600	215LP	2,250	LP010X02NP	11.7	9.35	89.5	225	23.160
	1800	215LP	2,371	LP010X04NP	12.8	10.2	90.2	244	23.160
	1200	256LP	2,905	LP010X06NP	13.4	10.7	89.5	331	28.440
	900	284LP	3,293	LP010X08NP	13.6	10.9	88.5	487	29.410
15	3600	254LP	2,719	LP015X02NP	17.0	13.6	90.2	358	26.710
	1800	254LP	2,835	LP015X04NP	17.9	14.3	91.0	335	26.710
	1200	284LP	3,519	LP015X06NP	17.3	13.8	91.0	487	29.410
	900	286LP	4,038	LP015X08NP	19.0	15.2	88.5	518	30.910
20	3600	256LP	3,485	LP020X02NP	23.3	18.6	90.2	375	28.440
	1800	256LP	3,399	LP020X04NP	24.4	19.5	91.0	394	28.440
	1200	286LP	4,351	LP020X06NP	23.5	18.8	91.0	525	30.910
	900	324LP	4,779	LP020X08NP	36.0	28.8	89.5	657	32.320
25	3600	284LP	3,935	LP025X02NP	29.0	23.2	91.0	455	29.410
	1800	284LP	3,701	LP025X04NP	29.6	23.7	92.4	487	29.410
	1200	324LP	4,877	LP025X06NP	29.8	23.8	91.7	666	32.320
	900	326LP	5,698	LP025X08NP	35.5	28.4	89.5	688	33.820
30	3600	286LP	4,043	LP030X02NP	33.8	27.0	91.0	474	30.910
	1800	286LP	4,248	LP030X04NP	34.4	27.5	92.4	525	30.910
	1200	326LP	5,744	LP030X06NP	35.4	28.3	91.7	695	33.820
	900	364/5LP	7,950	LP030X08NP	38.4	30.7	91.0	972	35.930
40	3600	324LP	5,193	LP040X02NP	46.1	36.9	91.7	641	32.320
	1800	324LP	4,980	LP040X04NP	47.6	38.1	93.0	666	32.320
	1200	364/5LP	7,944	LP040X06NP	47.1	37.7	93.0	983	35.930
	900	364/5LP	8,166	LP040X08NP	52.8	42.2	91.0	1,155	35.930
50	3600	326LP	5,890	LP050X02NP	56.5	45.2	92.4	651	33.820
	1800	326LP	5,974	LP050X04NP	57.8	46.2	93.6	699	33.820
	1200	364/5LP	8,223	LP050X06NP	58.1	46.5	93.0	1,169	35.930
	900	404/5LP	10,600	LP050X08NP	64.9	51.9	91.7	1,125	38.920
60	3600	364/5LP	7,870	LP060X02NP	69.0	55.2	93.0	970	35.930
	1800	364/5LP	8,647	LP060X04NP	67.0	53.6	93.6	981	35.930
	1200	404/5LP	11,094	LP060X06NP	70.1	56.1	93.6	1,195	38.920
	900	404/5LP	11,582	LP060X08NP	77.0	61.6	91.7	1,257	38.920
75	3600	364/5LP	8,903	LP075X02NP	82.5	66.0	93.0	1,053	35.930
	1800	364/5LP	9,190	LP075X04NP	82.4	65.9	94.1	1,109	35.930
	1200	404/5LP	11,531	LP075X06NP	86.8	69.4	93.6	1,257	38.920
	900	444/5LP	14,089	LP075X08NP	90.5	72.4	93.0	1,852	41.410
100	3600	404/5LP	10,496	LP100X02NP	113	90.4	93.6	1,125	38.920
	1800	404/5LP	11,847	LP100X04NP	115	91.6	94.5	1,258	38.920
	1200	444/5LP	14,284	LP100X06NP	121	96.4	94.1	1,852	41.410
	900	444/5LP	15,736	LP100X08NP	123	98.7	93.0	2,051	41.410
125	3600	444/5LP	15,084	LP125X02NP	131	105	94.5	1,610	41.410
	1800	444/5LP	14,641	LP125X04NP	138	110	94.5	1,703	41.410
	1200	444/5LP	15,572	LP125X06NP	141	113	94.1	2,051	41.410
150	3600	444/5LP	15,726	LP150X02NP	160	128	94.5	1,902	41.410
	1800	444/5LP	15,876	LP150X04NP	168	134	95.0	1,665	41.410

Voltage: Replace 'X' with '4' for 208–230/460V
Replace 'X' with '5' for 575V

In-Line Extra Thrust - Three Phase Type LP and LPH - TEFC
Electrical Data

Rated Output		Full Load Speed (RPM)	NEMA Frame	Full Load Current I_n(A)			Locked Rotor Current (A)		Full Load Torque T_n(lb.ft)	Locked Rotor Torque (T_l/T_n)	Break Down Torque (T_b/T_n)	Efficiency % of full load			Power Factor Cos % of full load			Service Factor SF	Moment of Inertia WK²(lb.ft²)	Allowable Locked Rotor Time (s)	Approx. Weight (lb)	Sound dB(A)
HP	kW			230V	460V	575V	(kVA Code)	(I_l/I_n)				50	75	100	50	75	100			Hot		
1	0.75	875	182LP	4.60	2.30	1.84	M	6.0	5.92	3.0	3.5	68.0	72.0	74.0	0.35	0.45	0.55	1.25	0.39914	40	127	50
1.5	1.1	1165	182LP	4.72	2.36	1.89	L	7.5	6.67	2.9	3.6	81.5	84.0	85.5	0.47	0.58	0.68	1.15	0.39914	36	127	52
		860	184LP	5.42	2.71	2.17	J	5.5	9.04	2.5	2.6	74.0	75.5	77.0	0.47	0.58	0.66	1.25	0.44375	32	143	50
2	1.5	1165	184LP	6.40	3.20	2.56	L	7.5	8.89	3.0	3.0	84.0	86.5	86.5	0.48	0.60	0.68	1.15	0.53226	35	148	52
		870	213LP	6.92	3.46	2.77	L	6.6	11.9	2.4	2.9	78.5	81.5	82.5	0.47	0.58	0.66	1.25	1.1910	43	225	52
3	2.2	3500	182LP	7.42	3.71	2.97	K	8.2	4.44	2.5	4.0	80.0	84.0	85.5	0.74	0.83	0.87	1.15	0.15425	23	141	69
		1765	182LP	7.80	3.90	3.12	K	7.9	8.81	2.3	3.2	85.5	87.5	87.5	0.65	0.75	0.81	1.15	0.28595	31	127	56
		1170	213LP	8.50	4.25	3.40	J	7.0	13.3	2.3	2.5	86.5	87.5	87.5	0.53	0.65	0.74	1.15	1.0118	59	214	55
		860	215LP	8.78	4.39	3.51	J	6.2	18.1	2.0	2.1	82.5	84.0	84.0	0.57	0.69	0.75	1.25	1.7862	30	240	52
5	3.7	3480	184LP	11.8	5.90	4.72	J	7.7	7.44	2.3	3.3	84.0	86.5	87.5	0.80	0.86	0.90	1.15	0.19981	23	146	69
		1750	184LP	12.9	6.46	5.17	J	7.1	14.8	2.1	3.0	85.5	87.5	87.5	0.66	0.77	0.82	1.15	0.38134	21	146	56
		1160	215LP	13.6	6.80	5.44	H	6.1	22.3	1.8	2.1	86.5	87.5	87.5	0.65	0.75	0.78	1.15	1.4717	49	254	55
		875	254LP	14.4	7.20	5.76	H	5.3	29.6	2.0	2.8	82.1	85.0	85.5	0.47	0.60	0.68	1.25	2.8972	37	320	54
7.5	5.5	3515	213LP	17.3	8.66	6.93	H	7.1	11.1	2.2	3.5	85.5	87.5	88.5	0.80	0.87	0.90	1.15	0.48789	26	217	72
		1765	213LP	19.1	9.53	7.62	H	6.4	22	2.0	2.6	87.5	89.5	89.5	0.64	0.75	0.81	1.15	1.0118	21	214	58
		1170	254LP	19.1	9.53	7.62	H	6.8	33.2	2.3	3.1	88.5	89.5	89.5	0.62	0.74	0.81	1.15	2.5564	29	287	59
		875	256LP	22.4	11.2	8.99	G	5.2	44.4	1.9	2.7	83.4	85.9	86.5	0.51	0.63	0.71	1.25	3.4086	41	375	54
10	7.5	3500	215LP	23.4	11.7	9.35	H	6.9	14.8	2.2	2.8	88.5	89.5	89.5	0.81	0.88	0.90	1.15	0.57664	20	225	72
		1760	215LP	25.6	12.8	10.2	H	6.5	29.4	2.0	2.6	88.5	90.2	90.2	0.67	0.78	0.82	1.15	1.3799	17	244	58
		1175	256LP	26.8	13.4	10.7	J	6.9	44.1	2.3	2.9	88.5	89.5	89.5	0.58	0.72	0.79	1.15	2.8972	22	331	59
		885	284LP	27.2	13.6	10.9	H	6.0	58.5	2.5	2.4	86.5	88.5	88.5	0.60	0.72	0.78	1.25	7.1992	54	487	54
15	11	3520	254LP	34.0	17.0	13.6	G	6.3	22.1	2.0	2.7	88.5	90.2	90.2	0.83	0.89	0.90	1.15	1.2565	28	358	75
		1760	254LP	35.8	17.9	14.3	G	6.4	44.2	2.5	2.5	89.5	91.0	91.0	0.70	0.80	0.85	1.15	2.3818	27	335	69
		1180	284LP	34.6	17.3	13.8	G	6.7	65.9	2.3	2.5	89.5	90.2	91.0	0.79	0.85	0.88	1.15	7.1992	21	487	59
		880	286LP	38.0	19.0	15.2	G	6.1	88.3	2.4	2.3	86.5	88.5	88.5	0.68	0.78	0.82	1.25	8.1809	37	518	54
20	15	3520	256LP	46.6	23.3	18.6	G	6.2	29.4	2.0	2.5	89.5	90.2	90.2	0.86	0.90	0.90	1.15	1.5358	21	375	75
		1755	256LP	48.8	24.4	19.5	G	5.9	59	2.4	2.4	89.5	91.0	91.0	0.72	0.81	0.85	1.15	2.8580	18	394	69
		1175	286LP	47.0	23.5	18.8	G	6.3	88.2	2.3	2.5	90.2	91.0	91.0	0.80	0.86	0.88	1.15	8.1809	31	525	59
		880	324LP	72.0	36.0	28.8	G	5.3	118	2.2	2.2	87.5	89.5	89.5	0.56	0.68	0.75	1.25	9.7905	34	657	56
25	18.5	3525	284LP	58.0	29.0	23.2	G	6.2	36.7	2.0	2.5	90.2	91.0	91.0	0.84	0.87	0.88	1.15	2.2895	23	455	75
		1760	284LP	59.2	29.6	23.7	G	6.1	73.6	2.2	2.5	91.7	92.4	92.4	0.72	0.82	0.85	1.15	4.6826	25	487	68
		1175	324LP	59.6	29.8	23.8	G	5.9	110	2.2	2.4	89.5	91.7	91.7	0.72	0.81	0.85	1.15	10.216	33	666	62
		880	326LP	71.0	35.5	28.4	G	5.1	147	2.4	2.4	87.5	88.5	89.5	0.53	0.65	0.73	1.25	11.919	29	688	56
30	22	3520	286LP	67.6	33.8	27.0	G	6.4	44.2	1.9	2.3	90.2	91.0	91.0	0.84	0.88	0.90	1.15	2.8284	19	474	75
		1755	286LP	68.8	34.4	27.5	G	6.3	88.6	2.4	2.6	92.4	93.0	92.4	0.75	0.83	0.87	1.15	5.3212	22	525	68
		1175	326LP	70.8	35.4	28.3	G	6.1	132	2.3	2.5	90.2	91.7	91.7	0.70	0.80	0.85	1.15	11.919	27	695	62
		885	364/5LP	76.8	38.4	30.7	G	5.7	176	2.2	2.2	89.5	91.0	91.0	0.66	0.75	0.79	1.25	23.455	48	972	60
40	30	3550	324LP	92.2	46.1	36.9	G	6.4	58.4	2.3	2.4	91.0	91.7	91.7	0.84	0.88	0.89	1.15	4.8955	36	641	81
		1770	324LP	95.2	47.6	38.1	G	6.0	117	2.3	2.3	91.7	93.0	93.0	0.76	0.83	0.85	1.15	7.8534	28	666	71
		1175	364/5LP	94.2	47.1	37.7	G	6.3	176	2.3	2.3	92.4	93.0	93.0	0.76	0.83	0.86	1.15	23.455	35	983	65
		885	364/5LP	106	52.8	42.2	G	5.6	234	2.2	2.2	89.5	91.0	91.0	0.66	0.75	0.79	1.25	29.040	42	1155	60
50	37	3555	326LP	113	56.5	45.2	G	6.5	72.9	2.3	2.3	91.0	92.4	92.4	0.83	0.88	0.89	1.15	5.3212	33	651	81
		1770	326LP	116	57.8	46.2	G	6.1	146	2.3	2.3	92.4	93.6	93.6	0.77	0.83	0.86	1.15	9.1626	25	699	71
		1180	364/5LP	116	58.1	46.5	G	6.3	220	2.5	2.7	92.4	93.0	93.0	0.74	0.82	0.86	1.15	29.040	39	1169	65
		885	404/5LP	130	64.9	51.9	G	5.6	293	2.2	2.1	90.2	91.7	91.7	0.69	0.75	0.78	1.25	34.625	27	1125	60
60	45	3555	364/5LP	138	69.0	55.2	G	6.3	87.4	2.0	2.5	91.0	92.4	93.0	0.80	0.87	0.88	1.15	8.5134	61	970	85
		1775	364/5LP	134	67.0	53.6	G	6.4	175	2.0	2.3	93.0	93.6	93.6	0.80	0.87	0.90	1.15	17.438	23	981	75
		1180	404/5LP	140	70.1	56.1	G	6.3	263	2.5	2.7	93.0	93.6	93.6	0.74	0.83	0.86	1.15	34.625	32	1195	65
		885	404/5LP	154	77.0	61.6	G	5.8	351	1.7	2.1	91.0	91.7	91.7	0.70	0.76	0.80	1.25	36.859	13	1257	60
75	55	3550	364/5LP	165	82.5	66.0	G	6.5	109	2.0	2.6	92.4	93.0	93.0	0.83	0.89	0.90	1.15	10.642	18	1053	85
		1775	364/5LP	165	82.4	65.9	G	6.5	219	2.2	2.4	94.1	94.1	94.1	0.79	0.86	0.88	1.15	19.929	22	1109	75
		1175	404/5LP	174	86.8	69.4	G	6.3	331	2.5	2.6	93.0	93.6	93.6	0.72	0.81	0.85	1.15	36.858	23	1257	65
		890	444/5LP	181	90.5	72.4	G	6.1	437	1.7	2.1	91.7	92.4	93.0	0.66	0.76	0.80	1.25	73.625	28	1852	63
100	75	3550	404/5LP	226	113	90.4	G	6.4	146	2.0	2.4	91.7	93.6	93.6	0.84	0.88	0.89	1.15	11.919	38	1125	85
		1775	404/5LP	230	115	91.6	G	6.3	292	2.1	2.2	93.6	94.5	94.5	0.80	0.86	0.87	1.15	27.403	18	1258	75
		1185	444/5LP	242	121	96.4	G	6.0	437	2.2	2.6	93.0	94.1	94.1	0.70	0.80	0.83	1.15	73.625	29	1852	70
		890	444/5LP	246	123	98.7	G	6.1	582	1.7	2.0	92.4	93.0	93.0	0.71	0.79	0.82	1.25	87.260	29	2051	63
125	90	3560	444/5LP	262	131	105	G	6.6	182	2.0	2.5	92.4	94.1	94.5	0.84	0.90	0.91	1.15	27.923	40	1610	86
		1780	444/5LP	276	138	110	G	6.4	364	2.0	2.2	93.6	94.5	94.5	0.77	0.84	0.87	1.15	45.730	27	1703	76
		1185	444/5LP	282	141	113	G	6.3	547	2.1	2.3	93.6	94.1	94.1	0.74	0.80	0.85	1.15	87.260	22	2051	70
150	110	3575	444/5LP	320	160	128	G	6.7	217	2.0	2.5	93.0	94.1	94.5	0.83	0.88	0.91	1.15	33.508	38	1902	86
		1780	444/5LP	336	168	134	G	6.4	437	2.2	2.3	94.1	95.0	95.0	0.78	0.84	0.87	1.15	57.163	27	1665	76

In-Line Extra Thrust - Three Phase Type LP and LPH - TEFC
Mechanical Data



NEMA FRAMES	AH	AK	AJ	BD	BB	BF	EU	ES	U	S	R	P	AB	C	CH	AA	BEARINGS	
																	D.E.	O.D.E.
182 LP	2.750	8.250	9.125	10.000	0.196	0.440	0.875	1.280	1.125	0.250	0.984	10.472	8.228	19.350	1.929	NPT1"	6206	2x7306
184 LP														20.354				
213 LP							1.250		1.625	0.375	1.406	12.165	9.331	21.665			6309	
215 LP														23.161				
254 LP												13.071	10.000	26.705	2.323	NPT1.0.5"		2x7309
256 LP														28.437				
284 LP	4.500	13.500	14.750	16.500	0.250	0.687	1.750	3.150	2.125	0.500	1.845	14.961	10.787	29.409	2.716		6212	2x7310
286 LP														30.906				
324 LP												17.087	11.732	32.323	3.189	NPT2"		
326 LP														33.819				
364/5 LP												21.417	16.693	35.925	3.583	NPT3"	6314	2x7311
404/5 LP														38.917				*2x7311 2x7315
444/5 LP												26.850	19.843	41.909		2xNPT3"		*2x7311 2x7315