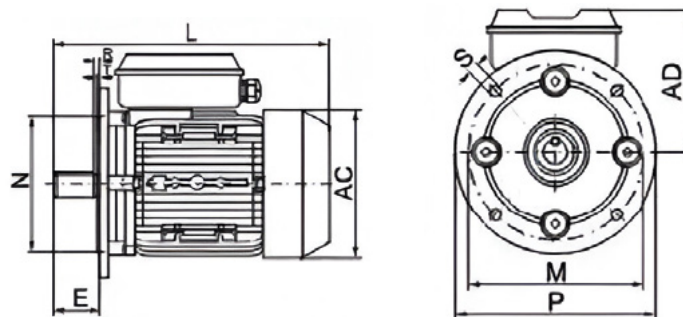




INSTALLATION AND OVERALL DIMENSIONS

Frame Size	Mounting Dimensions (mm)											Shaft								Overall Dimensions (mm)					
	A	B	C	H	K	M	N	P	R	S	T	D		E		F		G		AB	AC	AD	HD	L	
												2P	4,6,8,10P	2P	4,6,8,10P	2P	4,6,8,10P	2P	4,6,8,10P					2P	4,6,8,10P
160M	254	210	108	160	14.5	300	250	350	0	4-18.5	5	42		110		12		37		314	314	264	424		610
160L	254	254	108	160	14.5	300	250	350	0	4-18.5	5	42		110		12		37		314	314	264	424		654
180M	279	241	121	180	14.5	300	250	350	0	4-18.5	5	48		110		14		42.5		349	354	283	463		686
180L	279	279	121	180	14.5	300	250	350	0	4-18.5	5	48		110		14		42.5		349	354	283	463		724
200L	318	305	133	200	18.5	350	300	400	0	4-18.5	5	55		110		16		49		388	396	312	512		769
225S	356	286	149	225	18.5	400	350	450	0	8-18.5	5	-	60	-	140	-	18	-	53	431	445	333	558	-	823
225M	356	311	149	225	18.5	400	350	450	0	8-18.5	5	55	60	110	140	16	18	49	53	431	445	333	558	818	848
250M	406	349	168	250	24	500	450	550	0	8-18.5	5	60	65	140		18		53	58	484	484	367	617		909
280S	457	368	190	280	24	500	450	550	0	8-18.5	5	65	75	140		18	20	58	67.5	542	546	396	676	959	979
280M	457	419	190	280	24	500	450	550	0	8-18.5	5	65	75	140		18	20	58	67.5	542	546	396	676	1010	1030
315S	508	406	216	315	28	600	550	660	0	8-24	6	65	80	140	170	18	22	58	71	628	620	540	855	1193	1223
315M	508	457	216	315	28	600	550	660	0	8-24	6	65	80	140	170	18	22	58	71	628	620	540	855	1303	1333
315L	508	508	216	315	28	600	550	660	0	8-24	6	65	80	140	170	18	22	58	71	628	620	540	855	1303	1333
355M	610	560	254	355	28	740	680	800	0	8-24	6	75	95	140	170	20	25	67.5	86	726	701	666	1021	1509	1539
355L	610	630	254	355	28	740	680	800	0	8-24	6	75	95	140	170	20	25	67.5	86	726	701	666	1021	1509	1539

TECHNICAL DATA IE3-2 POLES

Model	Rated Power		Rated Current (A)									Speed	Tn	Eff.	P.F.	Tst/Ttn	Tmax/Tn	Ist/In	Wt.
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V	rpm	N.m	η(%)	cosφ				kg
VNKT3-180M-2	22	30	70.0	40.5	23.3	66.9	38.5	22.3	64.1	37.1	21.4	2945	71.3	92.7	0.89	2.7	3.2	8.8	198
VNKT3-200L1-2	30	40	94.8	54.9	31.6	90.7	52.1	30.2	86.9	20.3	29.0	2950	97.1	93.3	0.89	2.0	2.7	8.2	244
VNKT3-200L2-2	37	50	116	67.4	38.8	111	64.0	37.1	107	61.7	35.6	2950	120	93.7	0.89	2.7	3.0	8.4	261
VNKT3-225M-2	45	60	141	81.7	47.1	135	77.6	45.0	19	74.8	43.1	2970	145	94.0	0.89	3.2	2.6	9.4	324
VNKT3-250M-2	55	75	172	100	57.3	165	95	54.8	158	91.2	52.5	2965	177	94.3	0.89	2.5	3.2	7.8	407
VNKT3-280S-2	75	100	234	135	77.8	223	128	74.5	214	124	71.4	2970	241	94.7	0.89	2.5	3.1	7.8	575
VNKT3-280M-2	90	125	279	162	93.1	267	156	89.1	256	148	85.4	2970	289	95.0	0.89	2.6	3.0	7.5	600
VNKT3-315S-2	110	150	337	195	112	322	182	107	309	179	103	2975	353	95.2	0.9	2.1	2.8	7.4	876
VNKT3-315M-2	132	180	403	234	134	386	222	129	370	214	123	2975	424	95.4	0.9	2.0	2.7	7.0	974
VNKT3-315L1-2	160	220	483	279	161	462	265	154	442	2556	147	2975	514	95.6	0.91	1.9	2.7	6.4	1009
VNKT3-315L2-2	200	270	602	349	201	576	331	192	552	319	184	2975	642	95.8	0.91	2.1	2.8	8.6	1132
VNKT3-355-2	250	340	753	436	251	820	414	240	690	399	230	2980	801	95.8	0.91	1.7	2.3	8.7	1643
VNKT3-355L-2	315	430	948	549	316	907	522	302	869	503	290	2980	1009	95.8	0.91	1.7	2.3	6.6	1800

TECHNICAL DATA

IE3-4 POLES

Model	Rated Power		Rated Current (A)										Speed	Tn	Eff.	P.F.	Tst/Ttn	Tmax/Tn	Ist/In	Wt.
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V	rpm	N.m	η(%)	cosφ	kg				
VNKTМ3-180M-4	18.5	25	61.0	35.3	20.3	58.3	33.5	19.4	55.9	32.3	18.6	1465	121	92.6	0.86	2.5	3.4	7.8	182	
VNKTМ3-180L-4	22	30	71.2	41.8	24.1	69.0	39.7	23.0	66.2	28.3	22.1	1465	143	93.0	0.86	2.6	2.7	8.0	209	
VNKTМ3-200L-4	30	40	97.8	56.6	32.6	93.6	53.8	31.2	89.7	51.8	29.9	1475	194	93.6	0.86	3.0	3.7	8.6	280	
VNKTМ3-225S-4	37	50	120	69.6	40.1	115	66.1	38.3	110	63.7	36.7	1480	239	93.9	0.86	3.4	3.3	9.4	308	
VNKTМ3-225M-4	45	60	146	84.4	48.6	139	80.2	46.5	134	77.3	44.5	1480	190	94.2	0.86	3.2	3.5	9.0	343	
VNKTМ3-250M-4	55	75	177	103	59.1	170	97.6	56.6	163	94.1	54.2	1485	354	94.6	0.86	3.0	3.1	8.5	456	
VNKTМ3-280S-4	75	100	235	136	78.5	225	129	75.1	216	125	71.9	1480	484	95.0	0.88	2.7	2.8	8.0	565	
VNKTМ3-280M-4	90	125	282	163	94.0	270	155	89.9	258	149	86.1	1485	579	95.2	0.88	2.7	2.8	8.0	657	
VNKTМ3-315S-4	110	150	344	199	115	329	189	110	315	182	105	1480	710	95.4	0.88	2.6	2.7	8.2	876	
VNKTМ3-315M-4	132	180	412	238	137	394	226	131	377	218	126	1480	852	95.6	0.88	2.5	2.8	8.1	994	
VNKTМ3-315L1-4	160	220	492	285	164	471	271	157	451	261	150	1480	1032	95.8	0.89	2.3	2.7	7.8	1078	
VNKTМ3-315L2-4	200	270	614	356	205	588	338	196	563	326	188	1480	1291	96.0	0.89	2.1	2.5	7.3	1238	
VNKTМ3-355M-4	250	340	759	440	253	726	418	242	696	403	232	1490	1602	96.0	0.9	2.1	2.5	7.3	1719	
VNKTМ3-355L-4	315	430	957	554	319	915	526	305	877	507	292	1490	2019	96.0	0.9	2.3	2.5	7.5	1823	

IE3-6 POLES

Model	Rated Power		Rated Current (A)										Speed	Tn	Eff.	P.F.	Tst/Ttn	Tmax/Tn	Ist/In	Wt.
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V	rpm	N.m	η(%)	cosφ	kg				
VNKTМ3-180L-6	15	20	53.3	30.9	17.8	51.0	29.3	17.0	48.8	28.2	16.3	980	146	91.2	0.81	2.2	2.6	6.0	186	
VNKTМ3-200L1-6	18.5	25	65.4	37.8	21.8	62.5	35.9	20.8	59.9	34.7	20.0	980	180	91.7	0.81	2.2	2.5	6.5	235	
VNKTМ3-200L2-6	22	30	76.4	44.2	25.5	73.0	42.0	24.3	70.0	40.5	23.3	980	214	92.2	0.82	2.4	2.8	7.0	253	
VNKTМ3-225M-6	30	40	105	60.6	34.9	100	57.5	33.4	95.9	55.5	32.0	985	291	92.9	0.81	2.0	2.3	6.5	295	
VNKTМ3-250M-6	37	50	124	71.7	41.3	119	68.1	39.5	114	65.7	37.9	985	359	93.3	0.84	2.1	2.3	6.8	398	
VNKTМ3-280S-6	45	60	147	84.8	48.9	140	80.6	46.7	134	77.7	44.8	985	436	93.7	0.86	2.0	2.3	6.5	499	
VNKTМ3-280M-6	55	75	178	103	59.5	171	98.1	56.9	163	94.6	54.5	985	533	94.1	0.86	2.0	2.3	6.0	576	
VNKTМ3-315S-6	75	100	242	140	80.6	231	133	77.1	222	128	73.9	985	727	94.6	0.86	2.0	2.3	5.8	864	
VNKTМ3-315M-6	90	125	289	168	96.5	277	159	92.3	265	153	88.4	985	873	94.9	0.86	1.9	2.2	5.7	970	
VNKTМ3-315L1-6	110	150	353	204	118	338	194	113	324	187	108	985	1066	95.1	0.86	2.4	2.6	7.0	1064	
VNKTМ3-315L2-6	132	180	422	244	141	404	232	135	387	224	129	985	1280	95.4	0.86	2.2	2.4	6.8	1174	
VNKTМ3-355M1-6	160	220	505	292	168	483	278	161	463	168	154	990	1543	95.6	0.87	2.0	2.2	7.0	1565	
VNKTМ3-355M2-6	200	270	630	365	210	602	346	201	577	334	192	990	1929	95.8	0.87	2.0	2.2	7.0	1720	
VNKTМ3-355L-6	250	340	787	456	262	753	433	251	722	417	241	990	2412	95.8	0.87	2.0	2.2	7.0	1972	

TECHNICAL DATA

IE3-8 POLES

Model	Rated Power		Rated Current (A)									Speed	Tn	Eff.	P.F.	Tst/Ttn	Tmax/Tn	Ist/In	Wt.
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V	rpm	N.m	$\eta(\%)$	$\cos\phi$				kg
VNKT3-160M1-8	4	5	17.0	9.82	5.65	16.2	9.33	5.41	15.5	8.99	5.18	720	53.1	84.8	0.73	2.5	2.9	5.8	112
VNKT3-160M2-8	5.5	7.5	22.6	13.1	7.54	21.6	12.4	7.21	20.7	12.0	6.91	720	73.0	86.2	0.74	2.6	2.8	6.0	113
VNKT3-160L-8	7.5	10	30.1	17.4	10.0	28.8	16.5	9.58	27.6	15.9	9.19	720	98.9	87.3	0.75	2.7	2.9	6.5	140
VNKT3-180L-8	11	15	42.9	24.8	14.3	41.0	23.6	13.7	39.3	22.7	13.1	730	144.6	88.6	0.76	2.6	2.7	6.7	166
VNKT3-200L-8	15	20	57.8	33.5	19.3	55.3	31.8	18.4	53.0	30.6	17.7	730	195.8	89.6	0.76	2.6	2.7	6.7	214
VNKT3-225S-8	18.5	25	70.9	41.0	23.6	67.8	39.0	22.6	65.0	37.6	21.7	740	240.9	90.1	0.76	2.1	2.6	7.0	255
VNKT3-225M-8	22	30	81.7	47.3	27.2	78.1	44.9	26.0	74.9	43.3	25.0	740	286.5	90.6	0.78	2.2	2.6	5.7	284
VNKT3-250M-8	30	40	109	63.2	36.4	104	60.0	34.8	100	57.9	33.4	740	390.8	91.3	0.79	2.0	2.6	5.8	380
VNKT3-280S-8	37	50	134	77.5	44.6	128	73.6	42.7	123	71.0	40.9	740	480.2	91.8	0.79	2.2	2.4	6.7	496
VNKT3-280M-8	45	60	162	93.9	54.0	155	89.2	51.7	149	85.9	49.5	740	584.7	92.2	0.79	1.9	2.0	6.8	520
VNKT3-315S-8	55	75	193	112	64.2	184	106	61.4	177	102	58.9	740	714.6	92.5	0.81	1.8	2.0	6.0	900
VNKT3-315M-8	75	100	261	151	87.0	250	144	83.2	239	138	79.8	740	968.2	93.1	0.81	1.9	2.3	6.4	1000
VNKT3-315L1-8	90	125	308	179	103	295	170	98.3	283	163	94.2	740	1161.5	93.4	0.82	1.8	2.0	6.4	1060
VNKT3-315L2-8	110	150	376	218	125	359	201	120	344	199	115	740	1419.6	93.7	0.82	1.8	2.0	6.4	1130
VNKT3-355M1-8	132	180	449	260	150	430	247	143	412	238	137	740	1698.9	94.0	0.82	1.8	2.0	6.4	1500
VNKT3-355M2-8	160	220	543	314	181	519	199	173	498	288	166	740	2059.3	94.3	0.82	1.8	2.0	6.4	1600
VNKT3-355L-8	200	270	668	387	223	639	368	213	613	354	204	740	2563.8	94.6	0.83	1.8	2.0	6.4	1700