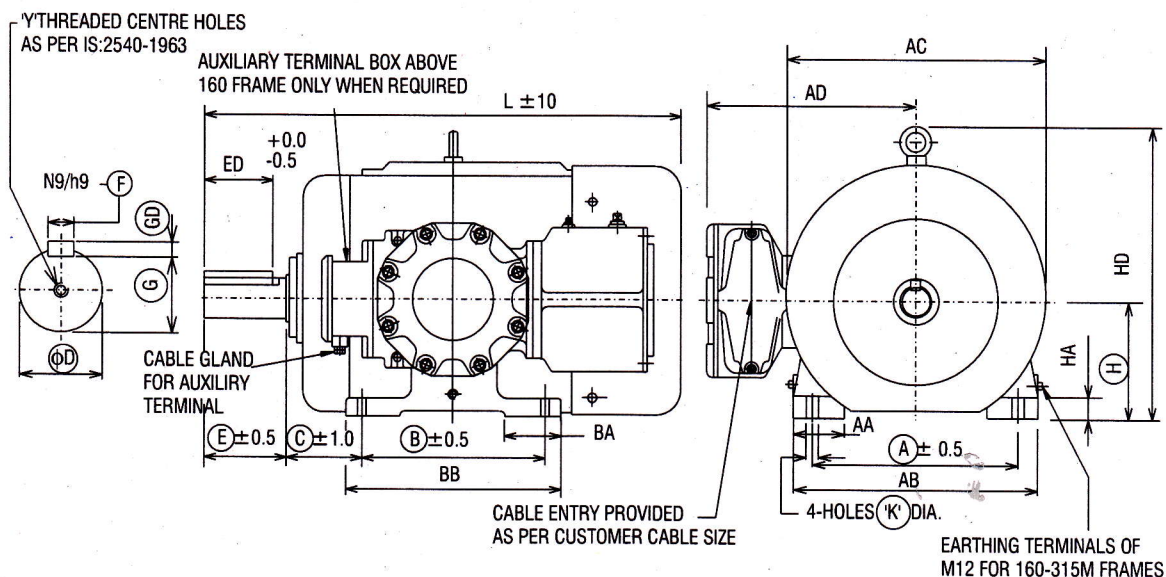


FLP Motors



OUTLINE DIMENSION DRAWING FOR 3 PHASE SQUIRREL CAGE TEFC FOOT MOUNTED TB RHS FLAME PROOF INDUCTION MOTORS (4 POLE & UP FOR ALL FRAMES 2 POLE & UP TO ND200L FRAMES)

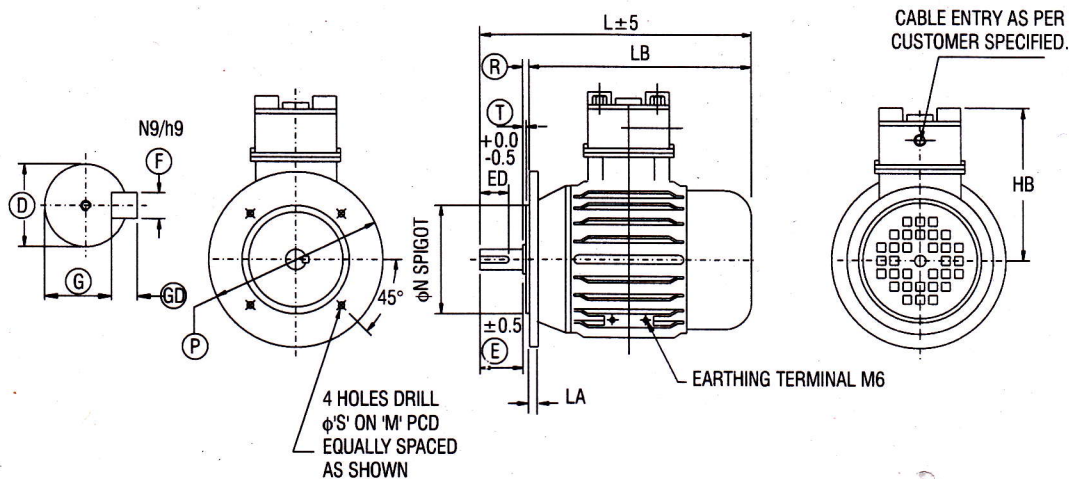


RINGED DIMENSIONS ARE AS PER IS:1231
ALL DIMENSIONS ARE IN mm

Frame	A	B	B1	C	H	AA	AB	BA	BB	K	D	E	ED	F	GD	G	Y	AD	AC	L	HD	HA
4 POLE & UP																						
E160L	254	254	210	108	160.0/ 159.7	54	298	101	298	15.5/ 15.0	42.018/ 42.002	110	80	12.00/ 11.957	8.00/ 7.91	37.0/ 36.8	M16X32	345	320	655	376	22
E180L	279	279	241	121	180/ 179.7	60	337	107	323	15.5/ 15.0	48.018/ 48.002	110	80	14.00/ 13.957	9.00/ 8.91	42.5/ 42.3	M16X32	362	370	725	418	22
E200L	318	305	-	133	200.0/ 199.5	66	381	105	356	19.5/ 19.0	55.030/ 55.011	110	80	16.00/ 15.957	10.00/ 9.91	49.0/ 48.8	M20X40	400	435	790	480	25
E225S	356	286	-	149	225.0/ 224.5	70	425	114	349	19.5/ 19.0	60.030/ 60.011	140	110	18.00/ 17.957	11.00/ 10.91	53.0/ 52.8	M20X40	402	490	832	525	25
E225M	356	311	-	149	225.0/ 224.5	70	425	114	375	19.5/ 19.0	60.030/ 60.011	140	110	18.00/ 17.957	11.00/ 10.91	53.0/ 52.8	M20X40	402	490	857	525	25
E250M	406	349	-	168	250.0/ 249.5	90	483	160	419	24.5/ 24.0	65.030/ 65.011	140	110	18.00/ 17.957	11.00/ 10.91	58.0/ 57.8	M20X40	440	560	977	605	32
E280M	457	419	368	190	280.0/ 279.0	95	540	155	489	24.5/ 24.0	75.030/ 75.011	140	110	20.00/ 19.948	12.00/ 11.91	67.5/ 67.3	M20X40	476	620	1094	660	38
E315M	508	457	-	216	315.0/ 314.0	100	597	190	533	28.5/ 28.0	80.030/ 80.011	170	140	22.00/ 21.948	14.00/ 13.91	71.0/ 70.8	M20X40	516	705	1220	775	38



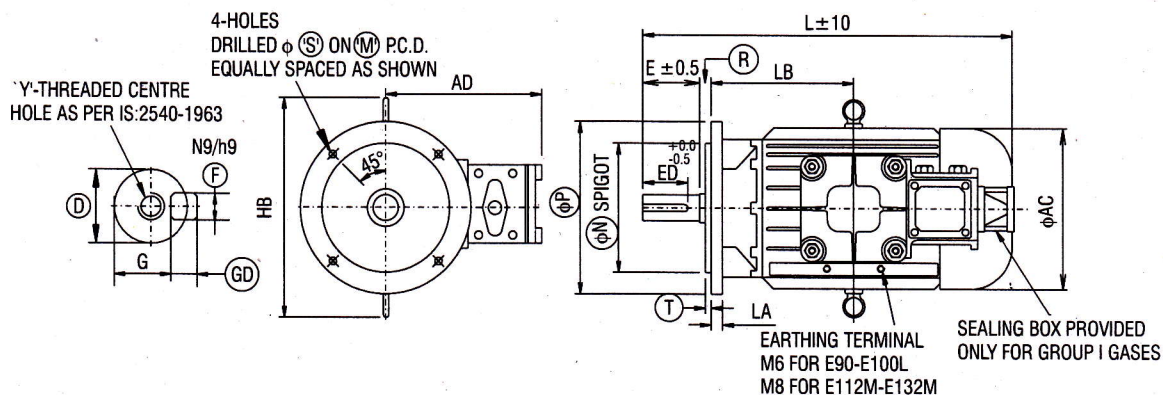
OUTLINE DIMENSION DRAWING FOR 3 PHASE SQUIRREL CAGE
TEFC FLANGE MOUNTED FLAME PROOF INDUCTION MOTORS (FRAME:E80)



RINGED DIMENSIONS ARE AS PER IS:2223
ALL DIMENSIONS ARE IN mm

Frame	D	E	ED	F	GD	G	Y	AD	AC	L	MTol	NTol	P	S	T	LA	LB	HB
E80	19.009 / 18.996	40	27	6.00 / 5.97	6.00 / 5.97	15.5 / 15.3	M6X16	205	165	274	165.3 / 164.7	130.014 / 129.989	200	12	3.5	10	245	188

OUTLINE DIMENSION DRAWING FOR 3 PHASE SQUIRREL CAGE
TEFC FLANGE MOUNTED FLAME PROOF INDUCTION MOTORS



RINGED DIMENSIONS ARE AS PER IS:2223
ALL DIMENSIONS ARE IN mm

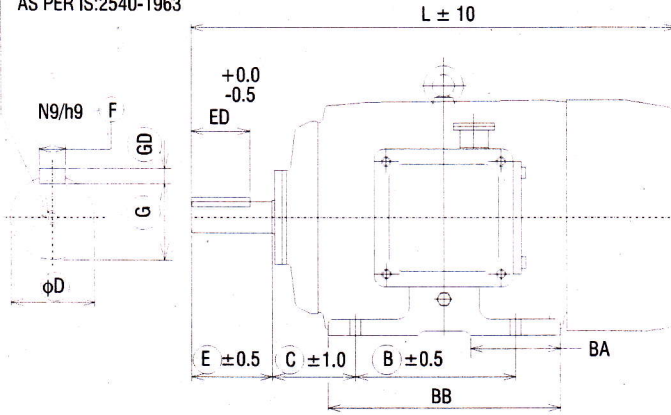
Frame	D	E	ED	F	GD	G	Y	AD	AC	L	MTol	NTol	P	S	T	LA	LB	HB
E90L	24.009 / 23.996	50	36	8.00 / 7.957	7.00 / 6.91	20.0 / 19.8	M8x19	240	210	380	165.3 / 164.7	130.014 / 129.989	200	12	3.5	10	137	300
E100L	28.009 / 27.996	60	44	8.00 / 7.957	7.0 / 6.91	24.0 / 23.8	M10X22	255	240	415	215.3 / 214.7	180.016 / 179.987	250	15	4	11	320	330
E112M	28.009 / 27.996	60	44	8.00 / 7.957	7.0 / 6.91	24.0 / 23.8	M10X22	270	270	425	215.3 / 214.7	180.016 / 179.987	250	15	4	11	345	350
E132M	38.018 / 37.996	80	60	10.0 / 9.957	8.0 / 7.91	33.0 / 32.8	M12X28	290	320	520	265.3 / 264.7	230.016 / 229.987	300	15	4	13	177	440

EFF Level 2



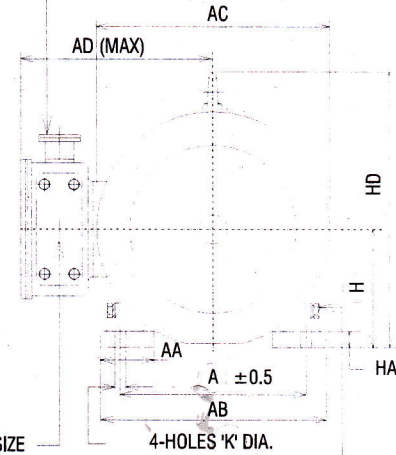
OUTLINE DIMENSION DRAWING FOR 3 PHASE SQUIRREL CAGE
TEFC FOOT MOUNTED INDUCTION MOTORS (4 POLE & UP ALL
FRAMES & 2 POLE & UP, UPTO ND200L FRAME)

*YTHREADED CENTRE HOLES
AS PER IS:2540-1963



CABLE ENTRY PROVIDED AS PER CUSTOMER CABLE SIZE

AUX. TERM BOX FOR SPACE HEATER
ABOVE 225 FRAME ONLY WHEN REQD.



RINGED DIMENSIONS ARE AS PER IS:1231
ALL DIMENSIONS ARE IN mm

EARTHING TERMINALS OF M6 FOR 80-132 FRAMES.
M8 FOR 160-225 FRAMES.
M12 FOR 250-355 FRAMES

Frame	A	B	C	H	AA	AB	BA	BB	K	D	E	ED	F	GD	G	Y	AD	AC	L	HD	HA
ND80	125	100	50	80.0/ 79.7	35	152	45	124	10.0/ 10.5	19.009/ 18.996	40	27	6.00/ 5.97	6.00/ 5.91	15.5/ 15.3	M6X16	134	170	285	165	11
ND90S	140	100	56	90.0/ 89.7	35	168	40	127	10.0/ 10.5	24.009/ 23.996	50	36	8.00/ 7.964	7.00/ 6.91	20.0/ 19.8	M8X19	150	195	310	185	13
ND90L	140	125	56	90.0/ 89.7	35	168	52	152	10.0/ 10.5	24.009/ 23.996	50	36	8.00/ 7.964	7.00/ 6.91	20.0/ 19.8	M8X19	150	195	335	185	13
ND100L	160	140	63	100.0/ 99.7	36	192	45	170	12.0/ 12.5	28.009/ 27.996	60	44	8.00/ 7.957	7.0/ 6.91	24.0/ 23.8	M10X22	160	215	380	250	13
ND112M	190	140	70	112.0/ 111.7	36	222	60	170	12.0/ 12.5	28.009/ 27.996	60	44	8.00/ 7.957	7.0/ 6.91	24.0/ 23.8	M10X22	170	235	405	275	13
ND132S	216	140	89	132.0/ 131.7	48	254	54	178	12.0/ 12.5	38.018/ 38.002	80	60	10.0/ 9.957	8.0/ 7.91	33.0/ 32.8	M12X28	190	275	470	320	16
ND132M	216	178	89	132.0/ 131.7	48	254	54	216	12.0/ 12.5	38.018/ 38.002	80	60	10.0/ 9.957	8.0/ 7.91	33.0/ 32.8	M12X28	190	275	510	320	16
ND160M	254	210	108	160.0/ 159.5	73	308	76	254	15.5/ 15.0	42.018/ 42.002	110	80	12.00/ 11.957	8.00/ 7.91	37.0/ 36.8	M16X32	325	318	605	376	22
ND160L	254	254	108	160.0/ 159.5	73	308	101	298	15.5/ 15.0	42.018/ 42.002	110	80	12.00/ 11.957	8.00/ 7.91	37.0/ 36.8	M16X32	325	318	650	376	22
ND180M	279	241	121	180/ 179.5	84	348	85	286	15.5/ 15.0	48.018/ 48.002	110	80	14.00/ 13.957	9.00/ 8.91	42.5/ 42.3	M16X32	345	352	677	418	22
ND180L	279	279	121	180/ 179.5	84	348	106	323	15.5/ 15.0	48.018/ 48.002	110	80	14.00/ 13.957	9.00/ 8.91	42.5/ 42.3	M16X32	345	352	715	418	22
ND200L	318	305	133	200.0/ 199.5	66	381	115	356	19.5/ 19.0	55.030/ 55.011	110	80	16.00/ 15.957	10.00/ 9.91	49.0/ 48.8	M20X40	430	428	790	480	25
ND225S	356	286	149	225.0/ 224.5	70	425	102	340	19.5/ 19.0	60.030/ 60.011	140	110	18.00/ 17.957	11.00/ 10.91	53.0/ 52.8	M20X40	455	470	840	534	25
ND225M	356	311	149	225.0/ 224.5	70	425	102	375	19.5/ 19.0	60.030/ 60.011	140	110	18.00/ 17.957	11.00/ 10.91	53.0/ 52.8	M20X40	455	470	865	534	25
ND250S	406	311	168	250.0/ 249.5	80	483	140	419	24.5/ 24.0	65.030/ 65.011	140	110	18.00/ 17.957	11.00/ 10.91	58.0/ 57.8	M20X40	485	500	940	598	32
ND250M	406	349	168	250.0/ 249.5	80	483	140	419	24.5/ 24.0	65.030/ 65.011	140	110	18.00/ 17.957	11.00/ 10.91	58.0/ 57.8	M20X40	485	500	940	598	32
ND280S	457	368	190	280.0/ 279.0	100	538	137	440	24.5/ 24.0	75.030/ 75.011	140	110	20.00/ 19.948	12.00/ 11.91	67.5/ 67.3	M20X40	530	536	1035	642	35
ND280M	457	419	190	280.0/ 279.0	100	538	162	487	24.5/ 24.0	75.030/ 75.011	140	110	20.00/ 19.948	12.00/ 11.91	67.5/ 67.3	M20X40	530	536	1085	642	35
ND315S	508	406	216	315.0/ 314.0	110	597	138	485	28.5/ 28.0	80.030/ 80.011	170	140	22.00/ 21.948	14.00/ 13.91	71.0/ 70.8	M20X40	530	590	1180	725	35
ND315M	508	457	216	315.0/ 314.0	110	597	164	533	28.5/ 28.0	80.030/ 80.011	170	140	22.00/ 21.948	14.00/ 13.91	71.0/ 70.8	M20X40	530	590	1230	725	35
ND315L	508	508	216	315.0/ 314.0	110	610	204	655	28.5/ 28.0	90.035/ 90.013	170	140	25.00/ 24.948	14.00/ 13.91	81.0/ 80.8	M24X50	570	655	1295	755	38
ND315LX	508	508	216	315.0/ 314.0	110	610	235	740	28.5/ 28.0	90.035/ 90.013	170	140	25.00/ 24.948	14.00/ 13.91	81.0/ 80.8	M24X50	570	655	1390	755	38
ND355S	610	510	254	355.0/ 354.0	110	710	253	745	28.5/ 28.0	100.035/ 100.013	210	160	28.00/ 27.948	16.00/ 15.89	90.0/ 89.8	M24X50	560	672	1513	780	40
ND355M	610	560	254	355.0/ 354.0	110	710	253	745	28.5/ 28.0	100.035/ 100.013	210	160	28.00/ 27.948	16.00/ 15.89	90.0/ 89.8	M24X50	560	672	1513	780	40
ND355L	610	630	254	355.0/ 354.0	110	710	253	745	28.5/ 28.0	100.035/ 100.013	210	160	28.00/ 27.948	16.00/ 15.89	90.0/ 89.8	M24X50	560	672	1513	780	40