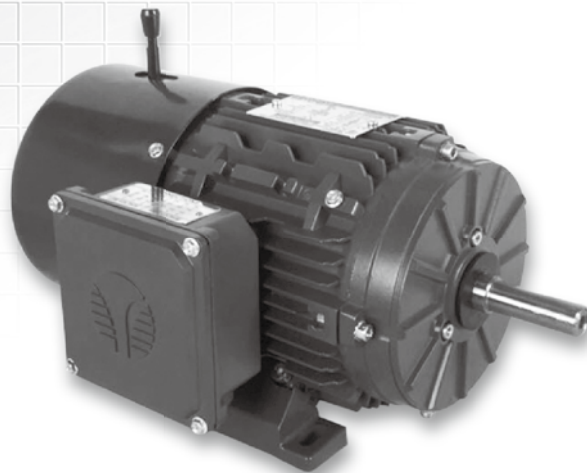


NEMA Three-Phase Brake Motors Aluminum TEFC

- 1/4HP thru 25HP
- 56 thru 256T

STANDARD FEATURES

- 40°C Ambient Rating
- Aluminum Housing
- Ball bearings
- IP 55 Rated
- Removable Feet
- Corrosion Resistant Hardware
- Double Lip Oil Seals

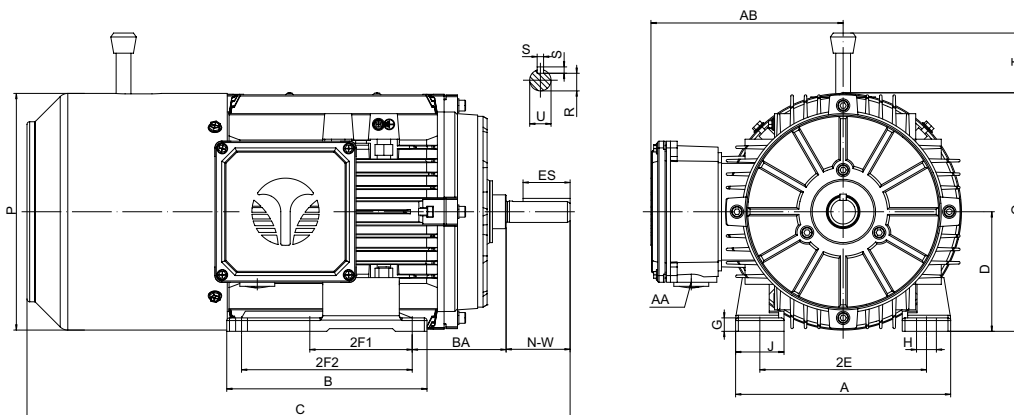


REACH brake data

Frame size	Brake type	Brake torque (Speed 100r/min) (Nm)	Brake rated power(20°C) (W)	Delay time when power on (ms)	Brake time (ms)	Pick in time when power off (ms)
56	08	8	25	15	32	50
56H, 140	10	16	30	25	45	69
180	14	60	50	27	57	190
210	16	80	55	30	60	200
250	18	150	85	35	78	260

INTORQ brake data

Frame size	Brake type	Brake torque (Speed 100r/min) (Nm)	Brake rated power(20°C) (W)	Delay time when power on (ms)	Brake time (ms)	Pick in time when power off (ms)
56	08	8	25	15	31	60
56H, 140	10	16	30	31	50	65
180	14	60	50	26	51	205
210	16	80	55	40	70	258



Overall & Installation Dimensions

Frame	A	B	D	2E	2F1	2F2	BA	H	U	N-W	R	ES	S	AA	G	J	AB	O	T	P	Bearing DE	Bearing NDE
56	6.3	3.95	3.5	4.88	3	5	2.75	0.73×0.335	0.625	1.875	0.517	1.375	0.1875	1/2-14NPT	0.43	1.37	5.2	6.6	1.5	6.2	6204	6204
56H	6.3	5.9	3.5	4.88	3	5	2.75	0.58×0.335	0.625	1.875	0.517	1.375	0.1875	1/2-14NPT	0.39	1.41	5.65	7.0	1.75	6.95	6205	6205
140T	6.9	5.86	3.5	5.5	4	5	2.25	0.50×0.35	0.875	2.25	0.771	1.375	0.1875	3/4-14NPT	0.47	1.41	5.65	7.0	1.75	6.95	6205	6205
180T	8.85	7.1	4.5	7.5	4.5	5.5	2.75	0.59×0.433	1.125	2.75	0.986	1.75	0.25	3/4-14NPT	0.55	1.57	6.6	8.85	3.45	8.65	6306	6206
210T	10.3	8.85	5.25	8.5	5.5	7	3.5	0.59×0.433	1.375	3.375	1.201	2.41	0.312	1-11 1/2NPT	0.63	1.73	7.4	10.4	4.4	10.3	6308	6208
254T	12.4	10.25	6.25	10.0	8.25	7	4.25	0.83×0.59	1.625	4.0	1.416	2.91	0.375	1 1/4-11 1/2NPT	0.74	2.36	8.5	12.5	4.85	12.4	6309	6209
256T	12.4	10.25	6.25	10.0	10.0	7	4.25	0.83×0.59	1.625	4.0	1.416	2.91	0.375	1 1/4-11 1/2NPT	0.74	2.36	8.5	12.5	4.85	12.4	6309	6209

Three-Phase TEFC Brake Motors Technical Data

HP	Full Load Speed, RPM	Frame Size	EFF. 100% FL	Power Factor 100% FL	IFL 460V A	Full Load Torque Lb-Ft	Moment Of Inertia Lb-Ft Squared	Locked Rotor		TST TFL	TPU TFL	TM TFL	Service Factor	Dim "C"
								KVA Code	II/In					
1/4	3520	56	66.0	69.0	0.49	0.36	0.0107	L	6.3	3	2.2	3.4	1.25	14.15
	1750	56	70.0	58.0	0.55	0.72	0.0169	K	5	2.9	2.4	3.7	1.25	14.15
	1150	56	72.0	61.0	0.51	1.10	0.0242	J	4.4	2.3	2	2.8	1.25	14.15
1/3	3520	56	72.0	70.0	0.62	0.50	0.0121	M	7.4	3.3	2.7	4.1	1.25	14.15
	1750	56	74.0	63.0	0.67	1.00	0.0188	K	5.6	3.4	2.7	3.7	1.25	14.15
	1150	56	72.0	62.0	0.69	1.53	0.0299	J	4.4	2.1	1.8	2.7	1.25	14.15
1/2	3490	56	74.0	72.0	0.87	0.75	0.0121	L	6.7	3.1	3	3.8	1.25	14.15
	1750	56	78.5	66.0	0.90	1.49	0.0228	L	6.4	3.2	2.7	3.7	1.25	14.15
	1140	56	75.5	66.0	0.93	2.29	0.0382	H	4.5	2.5	2.3	2.8	1.25	14.15
3/4	3500	56	77.0	75.0	1.20	1.11	0.0142	L	7.3	3.1	2.4	3.4	1.25	14.15
	1750	56	81.5	68.0	1.25	2.21	0.0268	L	7	3.4	2.9	3.9	1.25	14.15
	1160	56H	81.5	66.0	1.28	3.34	0.0726	J	5.8	2.5	2.3	3.3	1.25	15.95
1	3490	56	79.0	77.0	1.55	1.51	0.0161	K	7.2	3.1	2.1	3.1	1.25	14.15
	3490	56H	79.0	76.0	1.56	1.51	0.0228	K	6.9	2.8	2.2	3.3	1.25	15.95
		140T												16.00
	1745	56	85.5	69.0	1.59	3.03	0.0387	L	7.7	3.7	3.6	4.4	1.25	14.15
	1745	56H	85.5	71.0	1.55	3.03	0.0553	L	7.8	3.4	3.4	4.2	1.25	15.95
		140T												16.00
1145	56H	82.5	70.0	1.63	4.61	0.0802	H	5.3	2.2	2.1	3	1.25	15.95	
	140T												16.00	
1.5	3500	56	84.0	84.0	1.95	2.21	0.0229	M	9.8	3.1	2.6	3.7	1.25	14.15
	3500	56H	84.0	80.0	2.06	2.21	0.0285	L	8.9	3.1	3.2	3.7	1.25	15.95
		140T												16.00
	1735	56	86.5	72.0	2.22	4.47	0.0427	K	7.3	3.4	3.1	3.7	1.25	14.15
	1745	56H	86.5	75.0	2.13	4.44	0.0717	L	8.2	3.5	3.2	4.1	1.25	15.95
140T		16.00												
1175	180T	87.5	68.0	2.32	6.59	0.3465	L	7.4	2.6	1.9	3.6	1.25	18.90	
2	3500	56	85.5	84.0	2.62	3.02	0.0271	L	9.3	3.5	2.9	4.2	1.25	14.15
	3500	56H	85.5	85.0	2.59	3.02	0.0339	L	9.0	2.8	2	3.3	1.25	15.95
		140T												16.00
	1740	56H	86.5	76.0	2.86	6.07	0.0880	L	8.4	3.7	3.3	4.1	1.25	15.95
		140T												16.00
1175	180T	88.5	68.0	3.13	8.99	0.4509	L	7.5	2.6	1.8	3.6	1.25	18.90	
3	3490	56H	86.5	88.0	3.63	4.44	0.0413	K	8.4	2.6	1.6	3.3	1.25	15.95
		140T												16.00
	3515	180T	86.5	89.0	3.59	4.41	0.0975	K	9.3	2.4	1.5	3.5	1.25	18.90
	1730	56H	89.5	75.0	4.11	8.96	0.1013	K	8.1	3.3	3.1	3.6	1.25	17.15
	1760	180T	89.5	81.0	3.81	8.81	0.2397	L	9.8	2.5	2.4	4.2	1.25	18.90
1175	210T	89.5	71.0	4.34	13.19	0.8804	K	7.8	2.3	1.6	3.1	1.25	22.90	
5	3500	56H	88.5	87.0	6.05	7.45	0.0560	L	10.0	3.5	2.8	3.8	1.25	17.15
	3510	180T	88.5	91.0	5.77	7.43	0.1305	L	10.6	3	2.3	4.1	1.25	18.90
	1750	180T	89.5	84.0	6.18	14.89	0.3037	L	9.5	2.8	2.4	3.8	1.25	18.90
	1170	210T	89.5	73.0	7.11	22.28	1.0868	J	6.9	2.4	1.8	2.9	1.25	22.90
7.5	3510	180T	89.5	90.0	8.55	11.04	0.1633	L	9.9	3.2	2.5	3.8	1.25	18.90
	3520	210T	89.5	91.0	8.48	11.01	0.3061	K	9.6	2.6	1.7	3.6	1.25	22.90
	1765	210T	91.7	85.0	8.86	21.95	0.7926	L	10.1	2.6	1.9	4	1.25	22.90
	1180	254T	91.0	72.0	10.5	32.83	2.5344	M	10.1	3.5	2	4.4	1.25	26.70
10	3520	210T	90.2	92.0	11.3	15.01	0.3797	L	10.1	2.7	1.5	3.9	1.25	22.90
	1760	210T	91.7	86.0	12.0	30.02	0.9729	L	10.3	3.1	1.7	3.8	1.25	22.90
	1175	256T	91.0	75.0	13.8	44.96	2.7812	L	8.4	3.1	1.7	3.7	1.25	28.40
15	3530	210T	91.0	92.0	16.5	21.95	0.4675	L	11.3	3.4	2.1	4.1	1.25	22.90
	3550	254T	91.0	90.0	16.8	21.83	1.1675	J	8.8	3.3	1.5	3.5	1.25	26.70
	1770	254T	92.4	83.0	18.0	43.78	2.2164	L	9.7	2.7	1.5	3.5	1.25	26.70
	1175	256T	91.7	77.0	19.6	65.94	3.8490	L	8.7	3	1.7	3.5	1.25	28.40
20	3550	256T	91.0	91.0	22.7	29.76	1.4001	K	9.5	3	1.4	3.3	1.25	28.40
	1770	256T	93.0	85.0	23.8	59.70	2.8808	K	9.2	2.6	1.3	3.1	1.25	28.40
25	3550	256T	91.7	91.0	27.8	36.71	1.6326	K	9.9	2.9	1.4	3.3	1.25	28.40

IEC MOTOR

FIRE PUMP MOTOR

GOST MOTOR

NEMA MOTOR

DC MOTOR

EC MOTOR