

TAIB SERIES BRAKE MOTORS

0.18kW to 7.5kW

Based on our standard TAI range the TAIB series is stocked from 0.18kW to 7.5kW in 4 pole only with larger ratings and polarities available upon request.



Fail Safe Design

TAIB brake motors are fitted with Intorq brand brakes and are “fail to safe” design, as the brake will engage when the power is disconnected.

Brake Connection

The TAIB three phase motor is fitted with a DC brake and half wave rectifier mounted directly in the terminal box for ease of connection to the AC supply.

- 🔌 230V Delta / 400V Star (3kW & below) fitted with 103V DC brake.
- 🔌 400V Delta / 690V Star (4kW & above) fitted with 180V DC brake.

Hand Release

As standard, all TAIB brake motors are fitted with an emergency hand release.

Mounting Arrangements

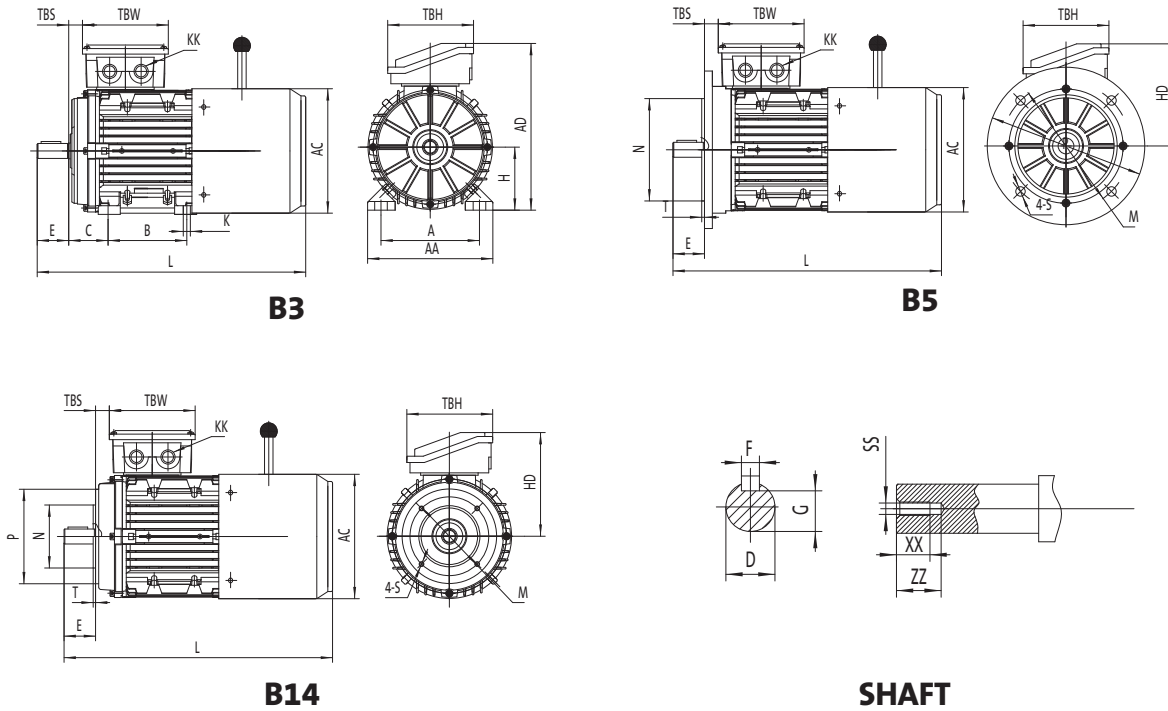
TAIB motors are available in identical mounting arrangements to that of our standard TAI aluminium series.

BRAKE MOTOR DATA

kW	Frame Size	Intorq Brake Model	Braking Torque (Nm)	Holding Torque (Nm)	Braking Torque (%) of full load torque	Braking Time (ms)	Release Time (ms)
0.18	63A-4	BFK-457-06	4	6	296%	23	10
0.37	71B-4	BFK-457-06	6	9	231%	23	10
0.55	80A-4	BFK-457-08	8	12	215%	31	15
0.75	80B-4	BFK-457-08	12	17	240%	31	15
1.1	90S-4	BFK-457-10	16	23	216%	50	31
1.5	90L-4	BFK-457-10	23	33	232%	50	31
2.2	100LA-4	BFK-457-12	32	46	219%	64	39
3	100LB-4	BFK-457-12	40	58	202%	64	39
4	112M-4	BFK-457-14	60	87	227%	51	26
5.5	132S-4	BFK-457-16	70	101	195%	70	40
7.5	132M-4	BFK-457-16	100	145	202%	70	40



TAIB SERIES MOTOR OUTLINE DIMENSIONS



TAIB SERIES DIMENSIONAL DATA

FRAME	Foot Mounting				Shaft								General							
	H	A	B	C	D	E	F	G	K	SS	XX	ZZ	AA	AD	HD	AC	L	TBS	TBW	TBH
TAIB 63	63	100	80	40	11	23	4	8.5	7	M4	10	14	124	169	106	121	265	14	94	94
TAIB 71	71	112	90	45	14	30	5	11	7	M5	12	17	140	184	113	139	301	20	94	94
TAIB 80	80	125	100	50	19	40	6	15.5	9	M6	16	21	160	214	134	158	341	18.5	109	109
TAIB 90S/L	90	140	100/125	56	24	50	8	20	10	M8	19	25	175	233	143	177	366/391	20.5	109	109
TAIB 100L	100	160	140	63	28	60	8	24	12	M10	22	30	200	260	160	200	440	29	118	118
TAIB 112M	112	190	140	70	28	60	8	24	12	M10	22	30	230	283	171	220	465	30	118	118
TAIB 132S/M	132	216	140/178	89	38	80	10	33	12	M12	28	37	255	322	190	261	543/581	34	118	118

FRAME	B5					B14A					B5R					B14B				
	N	M	P	S	T	N	M	P	S	T	N	M	P	T	S	N	M	P	T	S
TAIB 63	95	115	140	4-10	3	60	75	90	M5	2.5										
TAIB 71	110	130	160	4-10	3.5	80	85	105	M6	2.5	95	115	140	3	10	95	115	140	3	M8
TAIB 80	130	165	200	4-12	3.5	80	100	120	M6	3	110	130	160	3.5	10	110	130	160	3.5	M8
TAIB 90S/L	130	165	200	4-12	3.5	95	115	140	M8	3	110	130	160	3.5	10	110	130	160	3.5	M8
TAIB 100L	180	215	250	4-15	4	110	130	160	M8	3.5	130	165	200	3.5	12	130	165	200	3.5	M10
TAIB 112M	180	215	250	4-15	4	110	130	160	M8	3.5	130	165	200	3.5	12	130	165	200	3.5	M10
TAIB 132S/M	230	265	300	4-15	4	130	165	200	M10	3.5	180	215	250	4	15	180	215	250	4	M12