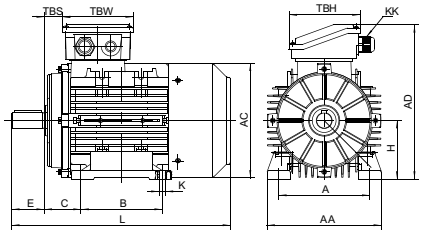
"ECOL" Motors
In Aluminum Housing

FEATURES

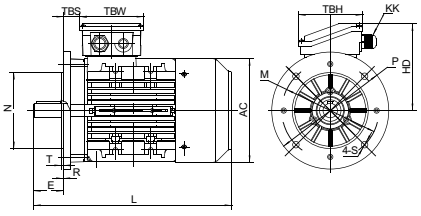
- Energy savings, high efficiency
- High starting torque, lower starting current
- Versatile and easy to modify design adapts to a variety of applications
- Removable feet
- Option of terminal box location (top, left or right)
- Option of IE2, IE3, MEPS High and Premium Efficiency for IEC standards + NEMA EPACT and Premium Efficiency
- Contained total length is the same as or shorter than the current market standard
- Full use of the magnetization properties of cold rolled silicone steel in which the stator laminations are magnetized evenly to reduce temperature rise of the winding

APPLICATIONS

- Pumps
- Waste water treatment plants
- Air compressors, fans
- Gear reducers and power transmission
- Pulp and paper mills
- Steel mill
- Conveyors, elevators
- Should be "Material handling equipment"
- Agricultural application
- Mining equipment
- Hydraulic equipment



56-160 IM B3



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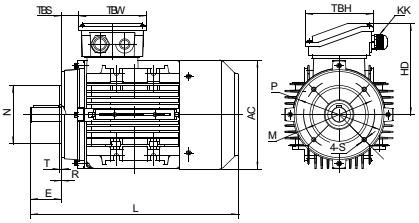

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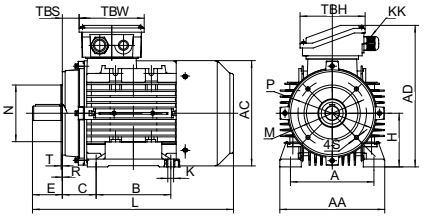

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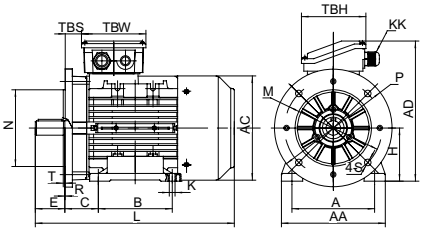
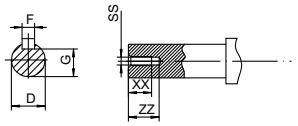
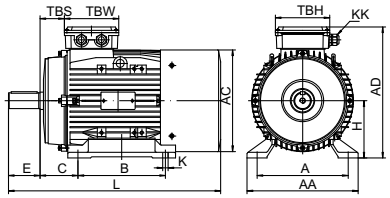
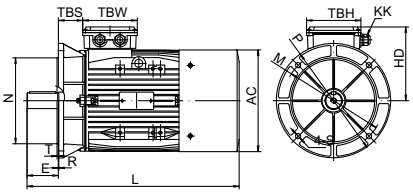


56-160 IM B35

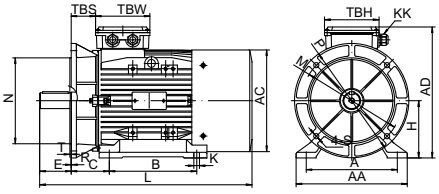




180-200 IM B3



180-200 IM B5



180-200 IM B35

Overall & Installation Dimensions

FRAME	Bearings		KK	Foot Mounting				Shaft								General							
	Drive End	Non-Drive End		H	A	B	C	D	E	F	G	K	SS	XX	ZZ	AA	AD	HD	AC	L	TBS	TBW	TBH
TA 56	6201		1-M16*1.5	56	90	71	36	Φ9	20	3	7.2	6×9	M4	9	12	112	151	95	Φ110	195	16.5	83	83
TA 63	6201		1-M16*1.5	63	100	80	40	Φ11	23	4	8.5	7×10	M4	10	14	124	170	107	Φ122	215	10	98	98
TA 71	6202		1-M20*1.5	71	112	90	45	Φ14	30	5	11	7×10	M5	12	17	140	186	115	Φ138	245	16	98	98
TA 80	6204		1-M20*1.5	80	125	100	50	Φ19	40	6	15.5	10×15	M6	16	21	160	214	134	Φ157	277	26.5	109	109
TA 90S/L	6205		1-M20*1.5	90	140	100/125	56	Φ24	50	8	20	10×15	M8	19	25	176	235	145	Φ177	313/338	28.5	109	109
TA 100	6206		2-M20*1.5	100	160	140	63	Φ28	60	8	24	12×16	M10	22	30	200	260	160	Φ199	376	32	118	118
TA 112	6306	6206	2-M25*1.5	112	190	140	70	Φ28	60	8	24	12×16	M10	22	30	224	283	171	Φ220	397	33	118	118
TA 132S/M	6308	6208	2-M25*1.5	132	216	140/178	89	Φ38	80	10	33	12×16	M12	28	37	260	323	191	Φ261	460/498	36.5	118	118
TA 160M/L	6309	6209	2-M32*1.5	160	254	210/254	108	Φ42	110	12	37	15×21	M16	36	45	314	391	231	Φ314	616/660	64	148	148
TA 180	6311	6211	2-M32*1.5	180	279	241/279	121	Φ48	110	14	42.5	15×25	M16	36	45	340	440	260	Φ368	730	73	190	190
TA 200	6312	6212	2-M40*1.5	200	318	305	133	Φ55	110	16	49	19×29	M20	42	53	390	460	260	Φ368	745	85	190	190

FRAME	B5						B14						B5R						B14B					
	N	M	P	S	T	R	N	M	P	S	T	R	N	M	P	T	S	R	N	M	P	T	S	R
TA 56	Φ80	Φ100	Φ120	Φ7	3	0	Φ50	Φ65	Φ80	M5	2.5	0												
TA 63	Φ95	Φ115	Φ140	Φ10	3	0	Φ60	Φ75	Φ90	M5	2.5	0												
TA 71	Φ110	Φ130	Φ160	Φ10	3.5	0	Φ70	Φ85	Φ105	M6	2.5	0	Φ95	Φ115	Φ140	3	Φ10	0	Φ95	Φ115	Φ140	3	M8	0
TA 80	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ80	Φ100	Φ120	M6	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0
TA 90S/L	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ95	Φ115	Φ140	M8	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0
TA 100	Φ180	Φ215	Φ250	Φ15	4	0	Φ110	Φ130	Φ160	M8	3.5	0	Φ130	Φ165	Φ200	3.5	Φ12	0	Φ130	Φ165	Φ200	3.5	M10	0
TA 112	Φ180	Φ215	Φ250	Φ15	4	0	Φ110	Φ130	Φ160	M8	3.5	0	Φ130	Φ165	Φ200	3.5	Φ12	0	Φ130	Φ165	Φ200	3.5	M10	0
TA 132S/M	Φ230	Φ265	Φ300	Φ15	4	0	Φ130	Φ165	Φ200	M10	3.5	0	Φ180	Φ215	Φ250	4	Φ15	0	Φ180	Φ215	Φ250	4	M12	0
TA 160M/L	Φ250	Φ300	Φ350	Φ19	5	0	Φ180	Φ215	Φ250	M12	4	0												
TA 180	Φ250	Φ300	Φ350	Φ19	5	0																		
TA 200	Φ300	Φ350	Φ400	Φ19	5	0																		