



Adjustable Motor Bases

These motor bases simplify mounting and belt tension adjustment at installation and during later maintenance checks. These are heavy duty adjustable motor bases manufactured of steel or plate. All bases are detergent washed, painted with dark gray primer and oven baked for corrosion resistance. The nuts and bolts are zinc plated. NEMA 215T and smaller bases feature one adjusting screw. Bases for NEMA 254T frame and larger motors feature two adjusting screws. Motor mounting bolts are included. Bases listed can be used with motor frame numbers given and succeeded by the letters S, T, U, US and TS, or any other letter combinations provided the motors' base meets NEMA standards.



NEMA Frame Motors	Base Catalog Number	List Price	Mult. Sym.	No. of Adjusting Screws	Motor Mounting Bolt Size	Ap'x Shpg. Wgt.
48	B48T	73	A8	1	5/16 x 1	3
56	B56T	73	A8	1	5/16 x 1	5
143T	B143T	94	A8	1	5/16 x 1	6
145T	B145T	94	A8	1	5/16 x 1	7
182T	B182T	100	A8	1	3/8 x 1 1/2	10
184T	B184T	100	A8	1	3/8 x 1 1/2	10
213T	B213T	116	A8	1	3/8 x 1 1/2	14
215T	B215T	116	A8	1	3/8 x 1 1/2	15
254T	B254T	192	A8	2	1/2 x 1 3/4	21
256T	B256T	192	A8	2	1/2 x 1 3/4	21
284T	B284T	218	A8	2	1/2 x 2	24
286T	B286T	218	A8	2	1/2 x 2	26
324T	B324T	338	A8	2	5/8 x 2 1/2	34
326T	B326T	338	A8	2	5/8 x 2 1/2	37
364T	B364T	421	A8	2	5/8 x 2 1/2	48
365T	B365T	421	A8	2	5/8 x 2 1/2	50
404T	B404T	626	A8	2	3/4 x 3	62
405T	B405T	626	A8	2	3/4 x 3	66
444T	B444T	766	A8	2	3/4 x 3	70
445T	B445T	766	A8	2	3/4 x 3	71
447T	B447T	903	A8	2	3/4 x 3 1/2	93
449T	B449T	903	A8	2	3/4 x 3 1/2	99
5007-11	B5000RLS (1)	1360	A8	2	7/8 x 3 1/2	149

NOTE: Bases not suitable for vertical mounting. See base dimensions on next page.
 (1) One adjustable motor rail.

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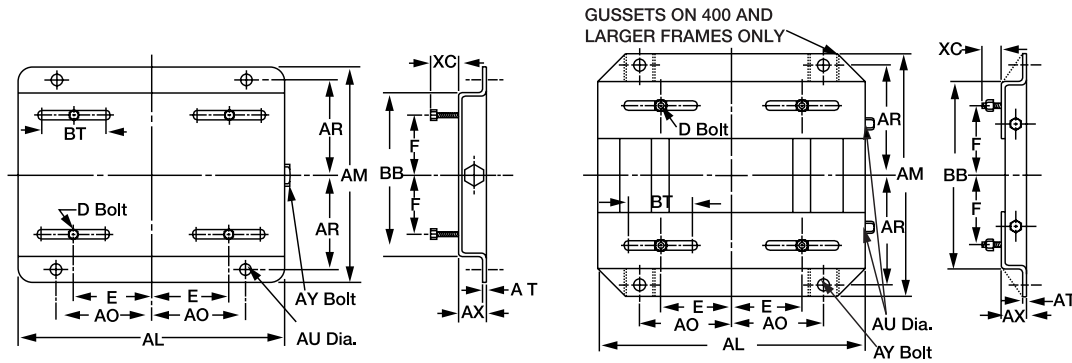
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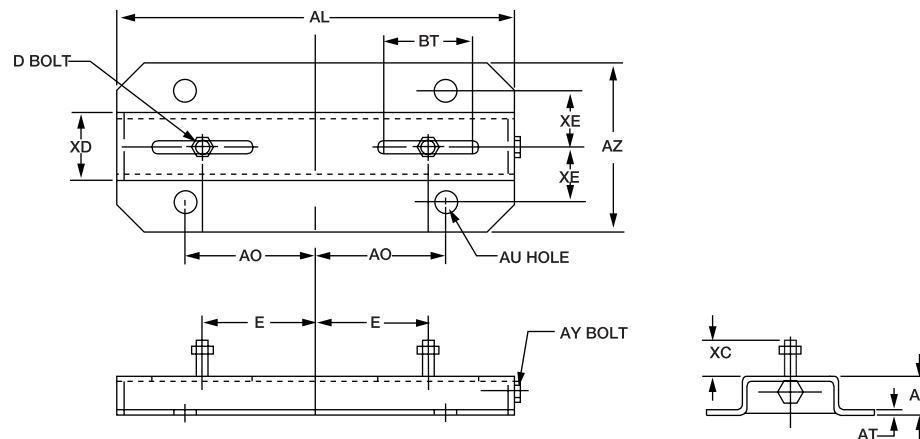
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Adjustable Motor Bases Dimension Diagrams



NEMA Frame	Catalog Number	E	F	AL	AM	AO	AR	AT	AU	AX	BB	BT	XC	D Bolt	AY Bolt
48	B48T	2.125	1.375	10.00	6.25	3.50	2.75	0.078	0.375	1.125	4.25	3.00	0.875	5/16 x 1	3/8 x 4
56	B56T	2.437	1.50	10.625	6.50	3.812	2.875				4.50				
143	B143T	2.75	2.00	10.50	7.50	3.75	3.375	0.109	0.375	1.125	5.50	3.00	0.812	5/16 x 1	3/8 x 4
145	B145T		2.50		8.50		3.875				6.50				
182	B182T	3.75	2.25	12.75	9.50	4.50	4.25	0.140	0.50	1.50	6.50	3.00	1.50	3/8 x 1-3/4	1/2 x 5
184	B184T		2.75		10.50		4.75				7.50				
213	B213T	4.25	2.75	15.00	11.00	5.25	4.75	0.156	0.50	1.75	7.50	3.50	1.50	3/8 x 1-3/4	1/2 x 5
215	B215T		3.50		12.50		5.50				9.00				
254	B254T	5.00	4.125	17.75	15.125	6.25	6.625	0.187	0.625	2.00	10.75	4.00	1.437	1/2 x 1-3/4	5/8 x 6
256	B256T		5.00		16.875		7.50				12.50				
284	B284T	5.50	4.75	19.75	16.875	7.00	7.50	0.187	0.625	2.00	12.514	4.50	1.687	1/2 x 2	5/8 x 6
286	B286T		5.50		18.375		8.25								
324	B324T	6.25	5.256	22.75	19.25	8.00	8.50	0.187	0.75	2.50	14.00	5.25	2.187	5/8 x 2-1/2	3/4 x 9
326	B326T				20.75		9.25				15.50				
364	B364T	7.00	5.625	25.50	20.50	9.00	9.125	0.25	0.75	2.50	15.50	6.00	2.062	5/8 x 2-1/2	3/4 x 9
365	B365T		6.625		21.50		9.625				16.50				
404	B404T	8.00	6.125	28.75	22.375	10.00	9.875	0.25	0.875	3.00	16.50	7.00	2.50	3/4 x 3	3/4 x 11
405	B405T		6.387		23.875		10.625				18.00				
444	B444T	9.00	7.25	31.25	24.625	11.00	11.00	0.25	0.875	3.00	19.25	7.50	2.50	3/4 x 3	3/4 x 11
445	B445T		8.25		26.625		12.00				21.25				
447	B447T	9.00	10.00	31.25	30.125	11.00	13.75	0.312	1.125	3.00	24.75	7.50	3.00	3/4 x 3-1/2	3/4 x 14
449	B449T		12.50		35.125		16.25				29.75				3/4 x 11



NEMA Frame	Catalog Number	E	AL	AO	AL	AU	AX	AZ	BT	XC	XO	XE	D Bolt	AY Bolt
500	B5000RLS	10.00	35.00	12.50	0.312	1.00	3.50	12.00	8.00	3.00	6.00	4.50	7/8 x 3-1/2	7/8 x 16

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Conversion Bases

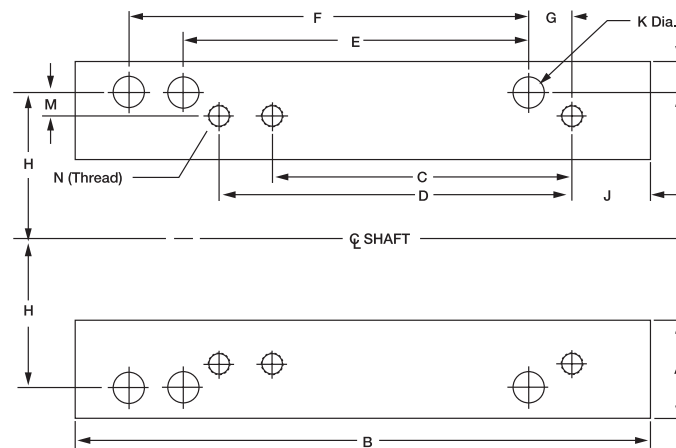


These Conversion Bases are designed to allow NEMA "T" frame motors to be used where corresponding NEMA "U" frame motors have been applied. Consisting of right and left hand pieces that fit to existing mounting studs positioned for "U" frame motors. The "T" frame motor is mounted to the pieces resulting in compensation for the difference in motor height, shaft position and mounting hole between the previous "U" frame motor and the replacement "T" frame motor. Made of the same top quality material as the adjustable motor bases.

Catalog Number	Converts From "U" Frame	Converts To "T" Frame	List Price	Mult. Sym.	Ap'x Shpg. Wgt.	Height Inches	Width Inches	Length Inches	Thread
CB1814T	182/184	143T/145T	79	A8	2	1	2 1/4	7 1/2	5/16-18
CB2118T	213/215	182T/184T	112	A8	2	3/4	1 3/4	9 1/2	3/8-16
CB2521T	254U/256U	213T/215T	129	A8	6	1	2 7/16	12 3/4	3/8-16
CB2825T	284U/286U	254T/256T	175	A8	7	3/4	2 3/4	14 1/4	1/2-13
CB3228T	324U/326U	284T/286T	241	A8	9	1	3 1/4	15 3/4	1/2-13
CB3632T	364U/365U	324T/326T	297	A8	12	1	3 11/16	16 1/2	5/8-11
CB4036T	404U/405U	364T/365T	408	A8	20	1	4 1/4	18 5/8	5/8-11

NOTE: Dimensions are for one piece. Two pieces supplied. Design is for horizontal mounting. Motor shimming may be required for direct drive applications.

Conversion Bases Dimension Diagrams



Catalog Number	Converts From	Converts To	A	B	Height	C	D	E	F	G	H	J	K	L	M	N(Thread)
CB1814T	182-184	143T-145T	2.25	7.50	1.00	4.00	5.00	4.50	5.50	0.50	3.75	1.00	0.437	0.50	1.0	5/16-18
CB2118T	213-215	182T-184T	1.75	8.50	0.75	4.50	5.50	5.50	7.00	1.00	4.25	1.00	0.437	0.437	0.5	3/8-16
CB2521T	254U-256U	213T-215T	2.437	12.75	1.00	5.50	7.00	8.25	10.00	1.125	5.00	1.00	0.562	0.625	0.75	3/8-16
CB2825T	284U-286U	254T-256T	2.75	14.25	0.75	8.25	10.00	9.50	11.00	1.375	5.50	1.25	0.562	0.937	0.5	1/2-13
CB3228T	324U-326U	284T-286T	3.25	15.75	1.00	9.50	11.00	10.50	12.00	1.50	6.25	1.50	0.687	0.937	0.75	1/2-13
CB3632T	364U-365U	324T-326T	3.687	16.50	1.00	10.50	12.00	11.25	12.25	1.75	7.00	1.75	0.687	1.187	0.75	5/8-11
CB4036T	404U-405U	364T-365T	4.25	18.625	1.00	11.25	12.25	12.25	13.75	2.00	8.00	2.00	0.812	1.25	1.0	5/8-11

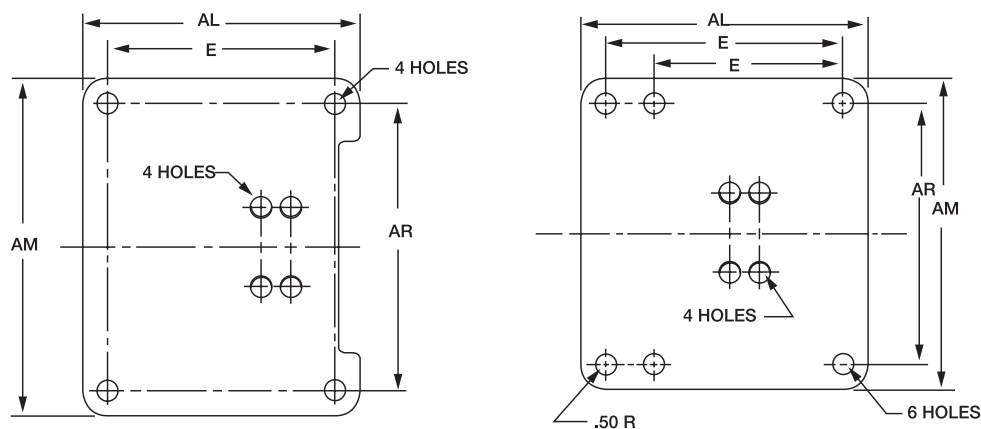
Metric Frame Weld On Bases

Heavy duty, stamped steel metric bases for welding to steel band motor designs. These give metric base mounting dimensions to NEMA frame motors.



IEC Frame	Catalog Number	Description	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
D71	MB3371	33/42	25	A8	1
D80	MB3480	34/48-56	31	A8	1
D90	MB3590	35/56-145	32	A8	2
D112	MB36112	36/182-184	53	A8	3
D132	MB37132	37/213-256	73	A8	6

Metric Weld On Bases Dimension Diagrams



IEC Frame	E	AL	AM	AR
D71	3.531	4.25	5.125	4.406
D80	3.937	5.125	6.00	4.921
D90S D90L	3.937 4.921	5.937	6.50	5.50
D112S D112M	4.50 5.50	6.50	8.625	7.50
D132S D132M	5.50 7.00	8.00	9.50	8.50

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Conduit Box Kits

Frame Size	Model Number	List Price	Mult. Sym.
Conduit Box Kit – Standard Size			
56 - 140T	K56H3260	121	P1
180T, 182T-4T	K18G7	72	P1
210T, 213T-5	K21G7	72	P1
184T, 215T, 250, 254-6	K25G8	96	P1
254-6T, 280T, 284-6, 324-6	K28G8	96	P1
320T	K32G8	191	P1
360T	K36G8	191	P1
400T	K40G8	209	P1
440T	K44G8	232	P1
Conduit Box Kit – Oversize			
180T	K25G8	96	P1
210T	K25G8	96	P1
250T	K28G8	96	P1
280T	K28G9	186	P1
320T	K36G8	191	P1
360T	K36G9	209	P1
400T	K40G9	232	P1
400T	K44G9	248	P1

NEMA Frame	Baldor Kit Number	List Price	Ap'x Shpg. Wgt. Lbs.	Mult. Sym.
Conduit Box – Standard Size				
42	33CB5000A01SP	25	1	P1
42	33CB5001A01SP	25	1	P1
48	34CB5001A01SP	24	1	P1
56 - 143-5T	35CB5001A01SP	26	1	P1
182T-4T	36CB5001A01SP	28	1	P1
182T-4T	36CB5001A06SP	32	2	P1
182T-4T	36CB5001A07SP	48	2	P1
213T-5T	37CB5002A06SP	32	2.5	P1
213T-5T	37CB5002A07SP	28	4	P1
184T, 215T, 254-6	09CB5001A01SP	56	3	P1
184T, 215T, 254-6	09CB5001A15SP	44	3	P1
254-6T, 284-6, 324-6	10CB5001A01SP	75	5.5	P1
254-6T, 284-6, 324-6	10CB5002A01SP	91	6	P1

For use with Legacy Reliance Motor Designs

Frame Size	Model Number	List Price	Mult. Sym.
Auxiliary Conduit Box Kits			
180/210	K18G21	85	P1
250	K25G23	93	P1
280	K28G23	109	P1
320	K32G23	116	P1
360	K36G16	217	P1
400	K40G3	232	P1
440	K44G5	495	P1
Drip Cover/Canopy Kit			
180T	K18G2	127	P1
180T	K18G19	127	P1
180T	K18S30	127	P1
210T	K21G2	160	P1
210T	K21G19	160	P1
210T	K21S30	160	P1
250T	K25G3	387	P1
250T	K25S30	238	P1
280T	K28G3	464	P1
280T	K28S30	333	P1
Mill and Chemical Duty Kit Cast Iron Shroud and Conduit Box			
180T	K18G50	232	P1
210T	K21G50	317	P1
210T	K21G18	317	P1
250T	K25G50	433	P1
250T	K25G18	433	P1
280T	K28G50	510	P1
280T	K28G18	510	P1
320T	K32G50	557	P1
320T	K32G18	557	P1
360T	K36G50	897	P1
360T	K36G18	897	P1
Terminal Block Kit			
56-140T	K56G3233	78	P1
180	K18G0060	178	P1
250	K25G0060	209	P1
280	K28G0060	209	P1
320	K32G0060	286	P1
360	K36G0060	433	P1
440	K44G0060	487	P1
447 & 449	K49G0060	812	P1

Encoder Mounting Kits

Frame Size	Model Number	List Price	Mult. Sym.
FL180-RL250	417077-170	1933	E8
L280-L400	417077-171	1933	E8
L440	417077-172	1933	E8
FL180-RL250	417077-136	1772	E8
FL180-RL250	417708-130	1772	E8
L280-L400	417708-132	1772	E8
FL180-RL250	417708-361	2174	E8
FL180-RL250	417077-153	2094	E8
L280-L400	417708-85	2094	E8
L440	417708-121	2094	E8
FL180-RL250	417077-156	2577	E8
L280-L400	417708-87	2577	E8
L440	417708-120	2577	E8
FL180-RL250	417077-170	1933	E8
FL180-RL250	417077-136	1772	E8
FL180-RL250	417708-361	2174	E8
FL180-RL250	417077-153	2094	E8
FL180-RL250	417077-156	2577	E8
FL180-RL250	417708-226	3141	E8
FL180	417077-173	1933	E8
RL210	417077-174	1933	E8
RL250	417077-175	1933	E8
L280	417077-176	1933	E8
L320	417077-177	1933	E8
L360	417077-178	1933	E8
L400	417077-179	1933	E8
FL180	417077-165	1772	E8
RL210	417077-134	1772	E8
RL250	417077-135	1772	E8
L280	417708-131	1772	E8
L320	417708-140	1772	E8
L360	417708-141	1772	E8
L400	417708-142	1772	E8
FL180	417077-166	2174	E8
RL210	417077-138	2174	E8
RL250	417077-139	2174	E8
L280	417708-96	2577	E8
L320	417708-97	2577	E8
L360	417708-98	2577	E8
L400	417708-99	2577	E8
RL210	417708-227	3704	E8
RL250	417708-228	3704	E8

For use with Legacy Reliance Motor Designs

Frame Size	Model Number	List Price	Mult. Sym.
FL180-RL210,RL250	417077-180	1933	E8
FL180-RL210,RL250	417077-133	1933	E8
FL180-RL210,RL250	417708-371	2174	E8
RL180-RL210	417077-154	3849	E8
RL250	417077-155	3849	E8
L440	417077-181	1933	E8
L440	417708-132	1772	E8
L440	417708-121	2094	E8
L440	417708-120	2577	E8
Encoder Only			
	417708-230	1611	E8
	417708-231	1611	E8
	417708-232	1611	E8
Stub shaft only			
	417708-201	162	E8
	417708-202	162	E8
	417708-203	162	E8
	417708-204	162	E8
	417708-207	162	E8
	417708-206	162	E8
	417708-206	162	E8
	417708-210	162	E8
	417708-212	162	E8
	417708-212	162	E8
	417708-208	162	E8
	417708-209	162	E8
	417708-42	162	E8
	417708-157	202	E8
Replacement Blower Kits			
RL210	417077-144	1208	K
RL250	417077-145	1361	K
L280	419947-31	1724	K
L320	419947-33	1917	K
L360	417077-127	2191	K
L400	417077-75	2899	K
FL180	417077-143	886	K
RL210-RL250	417077-141	886	K

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