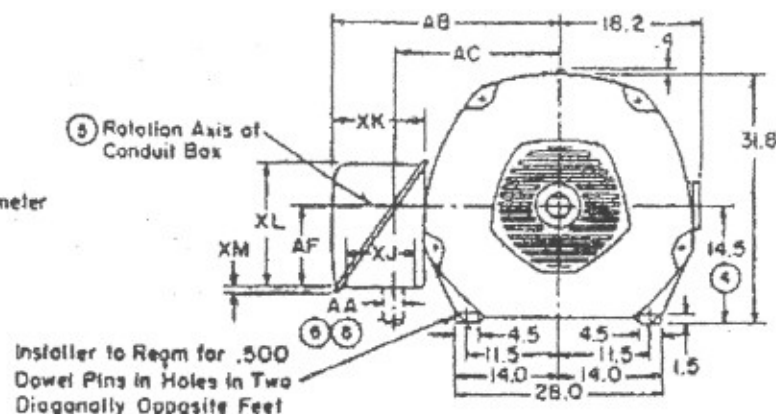
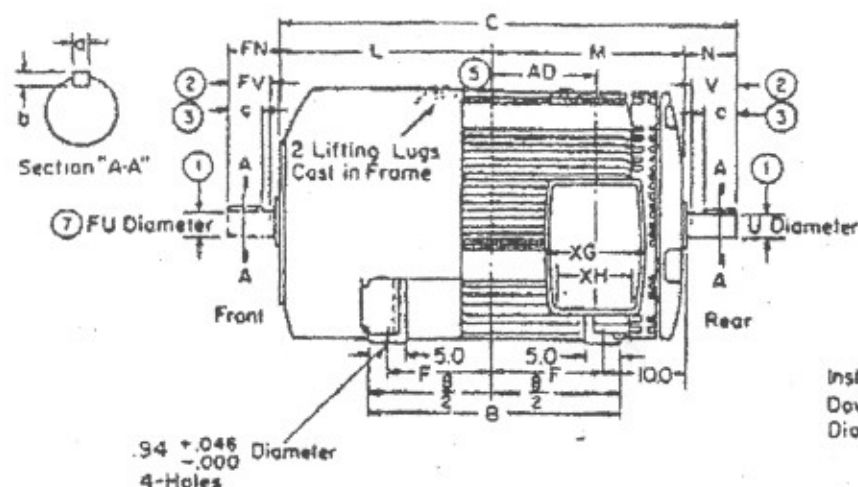


TEFC and Explosion Proof

Life-Line D Motors, Squirrel Cage, All Speeds



Dimensions, Inches Not to be used for construction purposes unless dimensions are approved.

Applicable to each frame size

Frame No.	B	C	F	L	M	AD④	Rear Shaft Extension					Front Shaft Extension⑦					Recommended Coupling Bore		Approx Wt., Pounds		
							U①	Key Size			N	V②	FU①	Key Size			FN	FV②		Min.	Max.
								a	b	c③				a	b	c③					
5809-H	35.50	81.56	16.00	29.80	26.00	14.50	2.875	.750	.750	4.00	5.78	5.50	2.875	.750	.750	4.00	5.96	5.50	2.8720	2.8730	5400
5809-S	35.50	62.56	16.00	29.80	26.00	14.50	3.375	.875	.875	6.00	6.76	6.50	3.375	.875	.875	5.00	6.96	6.50	3.3720	3.3730	5410
5809-L	35.50	63.56	16.00	29.80	26.00	14.50	3.875	1.000	1.000	6.00	7.76	7.50	3.875	1.000	1.000	6.00	7.96	7.50	3.8720	3.8730	5420
5810-H	39.50	65.56	18.00	31.80	28.00	16.50	2.875	.750	.750	4.00	5.76	5.50	2.875	.750	.750	4.00	5.96	5.50	2.8720	2.8730	6150
5810-S	39.50	66.56	18.00	31.80	28.00	16.50	3.375	.875	.875	5.00	6.76	6.50	3.375	.875	.875	5.00	6.96	6.50	3.3720	3.3730	6160
5810-L	39.50	67.56	18.00	31.80	28.00	16.50	3.875	1.000	1.000	6.00	7.76	7.50	3.875	1.000	1.000	6.00	7.96	7.50	3.8720	3.8730	6170
5811-H	43.50	69.56	20.00	33.80	30.00	18.50	2.875	.750	.750	4.00	5.78	5.50	2.875	.750	.750	4.00	5.96	5.50	2.8720	2.8730	6700
5811-S	43.50	70.56	20.00	33.80	30.00	18.50	3.375	.875	.875	5.00	6.76	6.50	3.375	.875	.875	5.00	6.96	6.50	3.3720	3.3730	6710
5811-L	43.50	71.56	20.00	33.80	30.00	18.50	3.875	1.000	1.000	6.00	7.76	7.50	3.875	1.000	1.000	6.00	7.96	7.50	3.8720	3.8730	6920

Standard Fan Cooled, Cast Iron Conduit Box

Standard Conduit Box, XG=11.0

Special Conduit Box, XG=14.0

AA	AB	AC	AF	XH	XJ	XL	XK	AA	AB	AC	AF	XH	XJ	XL	XK
⑥	27.6	22.2	10.0	9.0	7.6	15.5	10.0	⑥	30.6	24.1	13.0	10.0	10.0	18.8	12.9

Explosion Proof, Cast Iron Conduit Box④

Standard Conduit Box, XG=15.0

Special Conduit Box, XG=16.8

AA	AB	AC	AF	XH	XJ	XL	XK	XM	AA	AB	AC	AF	XH	XJ	XL	XK	XM
④	28.8	22.4	10.7	6.0	6.0	18.8	11.7	1.0	④	32.4	23.9	13.0	10.0	10.0	20.7	15.0	.3