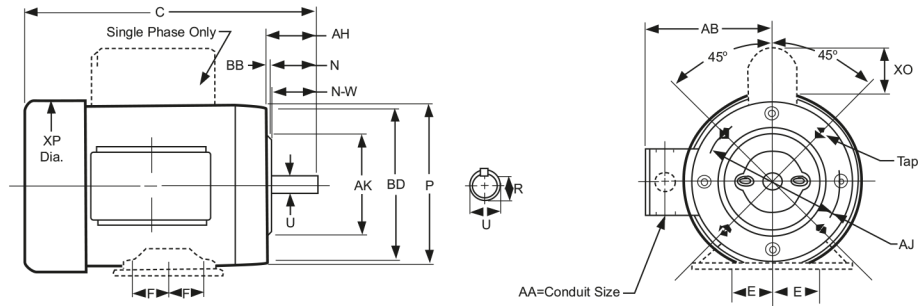


FLUID POWER DATA

ELECTRIC MOTOR DIMENSIONS



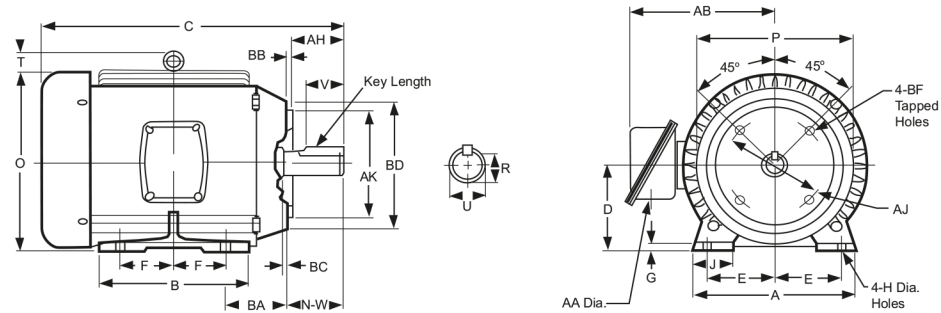
STEEL FRAME
ELECTRIC MOTORS
SINGLE PHASE
AND LOW HP 3 PHASE
(FRAME SIZES 56TC THRU
184TC)



FRAME SIZE	SINGLE PHASE: HP, C DIM			THREE PHASE: HP, C DIM			MOUNTING						
	1800 RPM	3450 RPM		1800 RPM	1200 RPM	3450 RPM	F	E	BA	D	N	O	P
56TC	1/2, 10.81 3/4, 11.31 1, 11.81 1 1/2, 12.81	1/2, 10.81 3/4, 11.31 1, 11.81 1 1/2, 12.31		1/2, 10.44 3/4, 11.81	1/2, 11.31	1/2, 10.81 3/4, 10.81 1, 10.81	1.5	2.44	2.75	3.5	1.94	6.81	6.59
143TC					3/4, 13.25		2						
145TC	2, 14.25	2, 13.75 3, 14.25					2.5	2.75	2.75	3.5	2.38	6.81	6.59
184TC	3, 16.47 5, 17.47	5, 17.47					2.75	3.75	3.5	4.5	2.88	8.75	8.47

FRAME SIZE	KEY (SQ.)			KEYSET			FLANGE							
	AH	AB	AA	WIDTH	THICK	R	AK	AJ	BF	BB	BD	XO	N-W	U
56TC	2.0625	5.313	0.5	0.188	0.188	0.516	4.5	5.875	3/8-16	0.125	6.5	2.25	1.875	0.625
143TC	2.125	5.313	0.75	0.188	0.188	0.766	4.5	5.875	3/8-16	0.125	6.5	2.25	2.25	.0875
145TC	2.125	5.313	0.75	0.188	0.188	0.766	4.5	5.875	3/8-16	0.125	6.5	2.25	2.25	0.875
184TC	2.625	6.375	0.75	0.25	0.25	0.984	8.5	7.25	1/2-13	0.25	8.88	2.25	2.75	1.125

CAST IRON 3 PHASE
ELECTRIC MOTORS
(FRAME SIZES 143TC THRU
405TC)



FRAME SIZE	HP			MOUNTING												
	1800 RPM	1200 RPM	3600 RPM	E	F	H	BA	A	B	C	D	G	J	P	L	BC
143TC	1	1	1	2.75	2	0.34	2.25	7	5	12.473	3.5	0.512	1.45	7.16	7.08	0.12
145TC	1.5, 2	1	1.5	2.75	2.5	.034	2.25	7	6	13.466	3.5	0.512	1.45	7.16	7.08	0.12
182TC	3	1.5	2	3.75	2.25	0.41	2.75	9	6.5	15.11	4.5	0.59	1.97	8.82	10.39	0.12
184TC	5	2	3	3.75	2.75	0.41	2.75	9	7.5	16.116	4.5	0.59	1.97	8.82	10.39	0.12
213TC	7.5	3	5	4.25	2.75	0.41	3.5	10.5	7.5	18.89	5.25	0.709	2.36	10.4	12.26	0.25
215TC	10	5	7.5	4.25	3.5	0.41	3.5	10.5	9	20.488	5.25	0.709	2.36	10.4	12.26	0.25
254TC	15	7.5	10	5	4.125	0.53	4.25	12.5	10.8	23.292	6.25	0.787	2.76	12.6	14.94	0.25
256TC	20	10	20	5	5	0.53	4.25	12.5	12.5	25.058	6.25	0.787	2.76	12.6	14.94	0.25
284TC	25	15	25	5.5	4.75	0.53	4.75	14	12.5	26.634	7	0.866	2.76	13.98	16.33	0.25
286TC	30	20	30	5.5	5.5	0.53	4.75	14	14	28.182	7	0.866	2.76	13.98	16.33	0.25
324TC	40	25	40	6.25	5.25	0.66	5.25	16	14	29.95	8	0.984	2.76	15.55	18.35	0.25
326TC	50	30	50	6.25	6	0.66	5.25	16	15.5	31.236	8	0.984	2.76	15.55	18.35	0.25
364TC	60	40	60	7	5.625	0.66	5.88	18	15.2	32.582	9	1.102	2.95	17.4	20.57	0.25
365TC	75	60	75	7	6.125	0.66	5.88	18	16.2	34.114	9	1.102	2.95	17.4	20.57	0.25
405TC	100	75	100	8	6.875	0.81	6.62	20	17.8	38.35	10	1.18	3.15	21.42	23.46	0.25

FRAME SIZE	KEY (SQ.)			KEYSET			FLANGE							
	AH	AB	AA	WIDTH	THICK	LENGTH	R	AK	AJ	BF	BB	BD	N-W	U
143TC	2.12	6.89	3/4	0.188	0.188	1.41	0.771	4.5	5.875	3/8-16	0.16	6.5	2.25	0.875
145TC	2.12	6.89	3/4	0.188	0.188	1.41	0.771	4.5	5.875	3/8-16	0.16	6.5	2.25	0.875
182TC	2.62	7.45	1	0.25	0.25	1.78	0.986	8.5	7.25	1/2-13	0.25	9	2.75	1.125
184TC	2.62	7.45	1	0.25	0.25	1.78	0.986	8.5	7.25	1/2-13	0.25	9	2.75	1.125
213TC	3.12	8.63	1	0.312	0.312	2.41	1.201	8.5	7.25	1/2-13	0.25	9	3.375	1.375
215TC	3.12	8.63	1	0.312	0.312	2.41	1.201	8.5	7.25	1/2-13	0.25	9	3.375	1.375
254TC	3.75	11.2	1.5	0.375	0.375	2.91	1.416	8.5	7.25	1/2-13	0.25	10	4	1.625
256TC	3.75	11.2	1.5	0.375	0.375	2.91	1.416	8.5	7.25	1/2-13	0.25	10	4	1.625
284TC	4.38	12	1.5	0.5	0.5	3.28	1.591	10.5	9	1/2-13	0.25	11.25	4.625	1.875
286TC	4.38	12	1.5	0.5	0.5	3.28	1.591	10.5	9	1/2-13	0.25	11.25	4.625	1.875
324TC	5	13.4	2	0.5	0.5	3.91	1.845	12.5	11	5/8-11	0.25	14	5.25	2.125
326TC	5	13.4	2	0.5	0.5	3.91	1.845	12.5	11	5/8-11	0.25	14	5.25	2.125
364TC	5.62	15.7	3	0.625	0.625	4.28	2.021	12.5	11	5/8-11	0.25	14	5.875	2.375
365TC	5.62	15.7	3	0.625	0.625	4.28	2.021	12.5	11	5/8-11	0.25	14	5.875	2.375
405TC	7	18.07	3	0.75	0.75	5.65	2.45	12.5	11	5/8-11	0.25	15.5	7.25	2.875

Fluid Power Data