

General Information

Direct Drive Fan, Single and Three Phase, TEAO

1/4 thru 1 Hp

NEMA 48Z thru 56YZ

Applications: Air-handling fans, confinement houses, exhaust fans, unit heaters. Designed for continuous air-over applications with moderate starting loads.

Features: 40°C ambient, 60 Hertz, aluminum endplates, automatic thermal overloads, ball bearings, and capacitor start (single phase). Termination panel with quick connection for easier installation. Resilient cushion rings on a rugged steel base. Reversible rotation. Class B insulation.

Note: Non-compliant small motors may not be manufactured after March 9, 2015. Pre-existing inventory may be sold or used. Contact Baldor for new compliant motors.



Single Phase Motors

General Purpose Industrial Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	S.F.	Notes (a)
Single Phase, Permanent Split Capacitor											
1/4	1800	48Z	CHC144A	347	K	11.35	21	115/230	1.4	1.00	30, 98
	1200	48Z	CHC164A	403	K	11.35	19	115/230	1.5	1.15	30, 98
1/3	1800	48Z	CHC244A	387	K	11.35	22	115/230	1.7	1.15	30, 98
	1200	48Z	CHC264A	467	K	11.35	23	115/230	1.9	1.15	30, 98
1/2	1800	56YZ	CHC345A	438	K	12.70	27	115/230	2.6	1.15	30, 98
	1200	56YZ	CHC365A	504	K	13.58	34	115/230	3.3	1.15	30, 98
3/4	1800	56YZ	CHC445A	499	K	13.58	35	115/230	3.7	1.15	98
	1200	56	CHC545A	534	K	13.04	39	115/230	4.9	1.00	98
1	1800	56	CHC545A	534	K	13.04	39	115/230	4.9	1.00	98
	1200	56	CHC565A	722	K	13.92	51	115/230	5.3	1.00	20, 98
Three Phase											
1/4	1200	48YZ	CHM164A	408	K	11.34	20	230/460	0.7	1.25	30, 96
1/3	1200	48YZ	CHM264A	435	K	11.34	19	230/460	0.9	1.25	30, 98
1/2	1800	48YZ	CHM344A	416	K	11.34	23	230/460	1.1	1.25	30, 98
		56YZ	CHM345A	419	K	12.08	24	230/460	1.1	1.25	30, 98
	1200	48YZ	CHM364A	473	K	11.96	25	230/460	1.2	1.25	30, 98
		56YZ	CHM365A	477	K	12.70	28	230/460	1.2	1.25	30, 98
3/4	1200	56YZ	CHM465A	545	K	13.58	34	208-230/460	1.5	1.15	30, 98
1	1800	56YZ	CHM545A	526	K	13.58	35	208-230/460	1.6	1.15	30, 98
	1200	56	CHM565A	620	K	13.04	40	208-230/460	1.8	1.15	30, 98

(a) See notes on inside back flap.

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Yoke/Pedestal Fan, Single Phase, PSC, TEAO

1/4 thru 1/2 Hp

NEMA 48YZ thru 56YZ

Applications: Air circulation fans. Designed for continuous air-over applications with moderate starting loads.

Features: 40°C ambient, 60 Hertz, aluminum endplates, automatic thermal overloads, and ball bearings. 1.0 service factor. Extended thru bolts on 5.13" bolt circle for mounting fan shroud. Heavy gage steel yoke with 180° slot for wide angle rotation. Reversible rotation. Termination panel with quick connection for easier installation.

Note: Non-compliant small motors may not be manufactured after March 9, 2015. Pre-existing inventory may be sold or used. Contact Baldor for new compliant motors.



Explosion Proof Motors

Pump Motors

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	S.F.	Notes (a)
1/4	1800	48YZ	YPC144A	297	K	10.68	20	115	2.6	1.00	98
	1200	48YZ	YPC164A	337	K	10.68	20	115	2.9	1.00	98
1/3	1800	48YZ	YPC244A	321	K	10.68	17	115	3.4	1.00	98
		56YZ	YPC245A	326	K	10.68	21	115	3.4	1.00	98
1/2	1200	48YZ	YPC264A	369	K	10.68	22	115	3.8	1.00	98
		48YZ	YPC344A	369	K	10.68	23	115	5.1	1.00	98
		56YZ	YPC345A	374	K	10.68	24	115	5.1	1.00	98
1/2	1200	48YZ	YPC364A	422	K	11.31	27	115	5.5	1.00	98

(a) See notes on inside back flap.

Farm Duty Motors