

**General Purpose,
Single Phase,
Open**

1/4 thru 1 Hp

NEMA 48 and 56



Applications: Ventilators, summer cooling fans, band saws, drill presses, farm equipment, etc.

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

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	48	RL144A	271	C1	10.46	21	115/230	2.2	1.35	30
1/3	1800	56YZ	RL245A	292	C1	11.09	25	115/230	2.7	1.15	30
1/2	3600	48	RL324A	266	C1	11.09	23	115/230	3.5	1.15	30
	1800	48Z	RL344A	333	C1	12.34	25	115/230	3.6	1.25	30
		56	RL345A	335	C1	12.57	25	115/230	3.6	1.25	30
3/4	1800	56	RL445A	356	C1	13.07	33	115/230	5.3	1.25	30
1	3600	56YZ	RL525A	375	C1	12.60	30	115/230	5.9	1.25	30
	1800	56	RL545A	450	C1	12.04	37	115/230	6.5	1.15	30

(a) See notes on inside back flap.

**HVAC Blower,
Three Phase,
OPAO**

1/3 thru 1-1/2 Hp

NEMA 48 and 56H



Applications: Heating, ventilation, and air conditioning blowers. Designed for continuous air-over applications with moderate starting loads.

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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	S.F.	Notes (a)
1/3	1800	48	RHM244A	266	C1	10.43	25	230/460	0.8	1.25	30
1/2	1800	56	RHM345A	318	C1	11.05	25	230/460	1.2	1.25	30
3/4	1800	56	RHM445A	334	C1	11.05	27	230/460	1.7	1.25	30
1	1800	56	RHM545A	390	C1	11.68	28	230/460	1.9	1.15	30
1 1/2	1800	56H	RHM645A	456	C1	12.04	37	208-230/460	2.4	1.15	

(a) See notes on inside back flap.

General Information

Single Phase Motors

General Purpose Industrial Motors

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Explosion Proof Motors

Pump Motors

Light Industrial/Commercial Motors

HVAC Motors

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**Fan and Blower,
Single Phase,
Open**

1/4 thru 1/2 Hp

NEMA 48 and 56

Applications: Air conditioning equipment, blowers, and fans. Designed for applications with moderate starting loads.



Features: 40°C ambient, 60 Hertz, aluminum endplates, automatic thermal overloads, and ball bearings. 1.25 service factor. Termination panel with quick connection for easier installation. Resilient cushion rings on a rugged steel base. Reversible rotation. Mounting base is notched with mounting holes for NEMA 48 and 56. Class B insulation.

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	48	RSP1441A	237	C1	10.50	26	115	4.3	1.25	
		48	RSP2441A	252	C1	10.50	23	115	5.4	1.25	
1/3	1800	48	RSP2442A	256	C1	10.50	22	230	2.7	1.25	
		56	RSP2451A	255	C1	11.12	17	115	5.4	1.25	
1/2	1800	48	RSP3441A	294	C1	10.50	27	115	7.2	1.25	
		56	RSP3451A	298	C1	11.12	20	115	7.2	1.25	

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**Direct Drive Fan,
Single and
Three Phase,
TEAO**

1/4 thru 1-1/2 Hp

NEMA 48Z, 56 thru 56Z

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.

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	277	C1	11.46	19	115/230	1.5	1.00	30
	1200	48Z	CHC164A	314	C1	11.46	24	115/230	1.6	1.15	30
1/3	1800	48Z	CHC244A	292	C1	11.46	25	115/230	2.1	1.15	30
	1200	48Z	CHC264A	327	C1	11.46	33	115/230	2	1.15	30
1/2	1800	48Z	CHC344A	339	C1	12.09	28	115/230	2.9	1.15	30
		56	CHC345A	343	C1	12.84	25	115/230	2.9	1.15	30
	1200	48Z	CHC364A	380	C1	12.96	28	115/230	3.2	1.15	30
		56	CHC365A	384	C1	13.72	25	115/230	3.2	1.15	30
3/4	1800	56	CHC445A	368	C1	13.72	27	115/230	3.6	1.15	
	1200	56	CHC465A	443	C1	13.92	48	115/230	4.5	1.00	
1	1800	56	CHC545A	434	C1	13.04	45	115/230	4.9	1.00	
	1200	56	CHC565A	512	C1	13.92	47	115/230	5.3	1.00	20
1 1/2	1800	56	CHC645A	494	C1	13.92	45	115/230	6.8	1.00	
Three Phase											
1/4	1800	48Z	CHM144A	269	C1	11.45	25	230/460	0.5	1.25	30
	1200	48Z	CHM164A	326	C1	11.45	25	230/460	0.7	1.25	30
1/3	1800	48Z	CHM244A	283	C1	11.45	25	230/460	0.7	1.25	30
	1200	48Z	CHM264A	318	C1	11.45	26	230/460	0.9	1.25	30
1/2	1800	48Z	CHM344A	333	C1	11.45	24	230/460	1	1.25	30
		56Z	CHM345A	335	C1	12.21	25	230/460	1	1.25	30
	1200	48Z	CHM364A	371	C1	11.45	25	230/460	1.1	1.25	30
		56Z	CHM365A	373	C1	12.21	25	230/460	1.1	1.25	30
3/4	1200	56Z	CHM465A	428	C1	13.72	31	208-230/460	1.8	1.15	30
1	1800	56Z	CHM545A	421	C1	13.72	33	208-230/460	1.6	1.15	30
	1200	56	CHM565A	496	C1	13.04	39	208-230/460	1.8	1.15	30

(a) See notes on inside back flap.

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Large AC Motors

Washdown Duty Motors

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HVAC Motors

BALDOR • RELIANCE®

General Information

Incubator/Hatchery Vent Fan, Single Phase, TEAO

1/3 thru 1/2 Hp

NEMA 48Z

Applications: Direct drive hatchery and incubator fans.

Single Phase Motors



Features: 40°C ambient, 60 Hertz, aluminum endplates, automatic thermal overloads, and ball bearings. 1.0 service factor. Extended through bolts. Pilot circuit. Class B insulation.

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)
1/3	1800	48Z	HIC264A	360	C1	10.14	18	115/230	1.9	1.00	
		48Z	HIC274A	360	C1	10.14	18	115/230	2	1.00	
1/2	1800	48Z	HIC364A	390	C1	11.11	27	115/230	2.6	1.00	

(a) See notes on inside back flap.

Severe Duty Motors

Large AC Motors

Washdown Duty Motors

Yoke/Pedestal Fan, Single Phase, 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 through bolts on 5.13" bolt circle for mounting fan shroud. Heavy gage steel yoke with 180° slot for wide angle rotation. Pull chain switch (2sp only) for high and low speeds. Reversible rotation. Termination panel with quick connection for easier installation.

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)
Single Speed, Permanent Split Capacitor											
1/4	1800	48YZ	YPC144A	244	C1	10.48	19	115	3.5	1.00	
	1200	48YZ	YPC164A	269	C1	10.48	19	115	3.7	1.00	
1/3	1800	48YZ	YPC244A	256	C1	10.60	17	115	3.9	1.00	
		56YZ	YPC245A	261	C1	10.48	21	115	3.9	1.00	
1/2	1800	48YZ	YPC264A	291	C1	10.48	22	115	4.7	1.00	
		48YZ	YPC344A	299	C1	10.60	21	115	5.6	1.00	
1/2	1800	56YZ	YPC345A	304	C1	10.48	22	115	5.6	1.00	
		48YZ	YPC364A	339	C1	11.10	25	115	5.6	1.00	
2 Speed Tapped Winding, Permanent Split Capacitor											
1/4	1200/900	48YZ	YPC1624A	292	C1	12.33	22	115	3	1.00	
1/2	1200/900	56YZ	YPC3625A	419	C1	14.16	31	115	6.2	1.00	20

(a) See notes on inside back flap.

Light Industrial/Commercial Motors

HVAC Motors