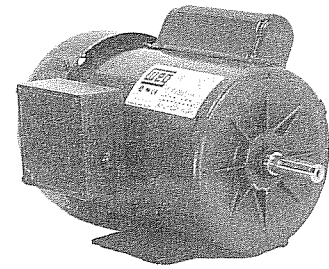


ODP

SINGLE PHASE

These motors have a wide range of applications. Because of their high starting torque, they are particularly well-suited for heavy starting loads.



TEFC

APPLICATIONS

- Pumps
- Air Conditioning equipment
- Farm Equipment
- Conveyors
- Business machines
- Gear reducers
- Compressors
- Tools
- Fans and blowers
- Packaging equipment

STANDARD FEATURES

- Single-phase, II, IV or VI pole, 60Hz
- Voltage: 115/208-230V
- Squirrel cage rotor
- Start capacitor
- NEMA dimensions
- Class 'B' insulation (130°C)
- High starting torque
- Ball Bearings
- Open drip proof (ODP - IP21)
- Totally enclosed fan cooled (TEFC - IP55)
- Color: RAL 7022 (Dark Gray)
- Continuous Duty (S1), 40°C ambient
- V-ring slingers on both endshields (for TEFC only)
- Designed to operate in any position (for TEFC only)

OPTIONAL FEATURES

- Class 'F' insulation
- Flange mount
- Special voltages
- Specially dimensioned shaft
- Second shaft end
- Stainless steel shaft
- Footless
- Other mounting configurations
- Manual or Automatic overload protection





FRACTIONAL HP – GENERAL PURPOSE MOTORS

ODP – NEMA 48 & 56 FRAMES – SINGLE-PHASE MOTORS

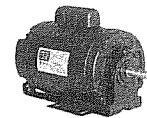


RIGID BASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	"C" Dimension	Voltage	Notes
1/8	1800	48	.1218OS1BB48	187	F1B	17	1.40	1.60	9.409	115/208-230V	
1/6	3600	48	.1636OS1BB48	201	F1B	17	1.35	1.60	9.409	115/208-230V	
	1800	48	.1618OS1BB48	194	F1B	17	1.35	1.90	9.409	115/208-230V	
	1800	48	.1618OS1BSPB48	209	F1B	19	1.35	1.90	9.409	115/208-230V	†
	3600	48	.2536OS1BB48	205	F1B	19	1.35	1.90	9.409	115/208-230V	
1/4	3600	56	.2536OS1B56	205	F1B	19	1.35	1.90	9.764	115/208-230V	
	1800	48	.2518OS1BB48	195	F1B	19	1.35	2.40	9.409	115/208-230V	
	1800	48	.2518OS1BSPB48	224	F1B	20	1.35	2.40	9.409	115/208-230V	†
	1800	56	.2518OS1B56	195	F1B	19	1.35	2.40	9.764	115/208-230V	
1/3	3600	48	.3336OS1BC48	207	F1B	22	1.35	2.60	10.197	115/208-230V	
	3600	56	.3336OS1BC56	207	F1B	22	1.35	2.60	10.551	115/208-230V	
	1800	48	.3318OS1BC48	221	F1B	22	1.35	3.00	10.197	115/208-230V	
	1800	48	.3318OS1BSPC48	241	F1B	22	1.35	3.00	10.197	115/208-230V	†
1/2	1800	56	.3318OS1BC56	221	F1B	22	1.35	3.00	10.551	115/208-230V	
	3600	48	.5036OS1BC48	221	F1B	24	1.25	3.40	10.197	115/208-230V	
	3600	56	.5036OS1BC56	226	F1B	24	1.25	3.40	10.551	115/208-230V	
	1800	48	.5018OS1BC48	255	F1B	24	1.25	3.90	10.197	115/208-230V	
	1800	48	.5018OS1BSPC48	260	F1B	24	1.25	3.90	10.197	115/208-230V	†
3/4	1800	56	.5018OS1BC56	246	F1B	24	1.25	3.90	10.551	115/208-230V	
	3600	56	.7536OS1BB56	256	F1B	32	1.25	5.50	11.102	115/208-230V	
	1800	56	.7518OS1BD56	306	F1B	36	1.25	5.50	12.283	115/208-230V	
1	3600	56	00136OS1BD56	276	F1B	36	1.25	7.00	12.283	115/208-230V	
	1800	56	00118OS1BD56	331	F1B	39	1.15	7.00	12.283	115/208-230V	
1 1/2	3600	56	00156OS1BD56	311	F1B	40	1.15	9.00	12.283	115/208-230V	
	1800	56	00158OS1BF56	409	F1B	51	1.15	10.5	13.464	115/208-230V	
2	3600	56	00236OS1BF56	382	F1B	48	1.15	11.0	13.464	115/208-230V	
	1800	56	00218OS1BG56	487	F1B	55	1.15	13.0	13.858	115/208-230V	
3	3600	56	00336OS1BG56	443	F1B	53	1.15	15.0	13.858	115/208-230V	

- ELECTRICAL FEATURES ON PAGE B-2.
- MECHANICAL FEATURES ON PAGE B-50.

WITH AUTOMATIC OVERLOAD PROTECTION RESILIENT BASE



HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	"C" Dimension	Voltage	Notes
1/3	1800	56	.3318OS1BRBOC56	269	F1B	22	1.15	3.00	10.551	115/208-230V	
1/2	1800	56	.5018OS1BRBOC56	295	F1B	24	1.15	3.90	10.551	115/208-230V	
3/4	1800	56	.7518OS1BRBOD56	354	F1B	36	1.15	5.50	12.283	115/208-230V	
1	1800	56	00118OS1BRBOD56	381	F1B	39	1.15	7.00	12.283	115/208-230V	
1 1/2	3600	56	00156OS1BRBOD56	360	F1B	40	1.15	9.00	12.283	115/208-230V	
	1800	56	00158OS1BRBOD56	458	F1B	51	1.15	10.5	13.464	115/208-230V	

- ELECTRICAL FEATURES ON PAGE B-2.
- MECHANICAL FEATURES ON PAGE B-51.

† = Split-Phase Motor

FRACTIONAL HP

GENERAL PURPOSE

NEMA PREMIUM EFFICIENCY

EXCESSIVE DUTY

IEC TBM/TEFC

PUMP MOTORS

DEFINITE PURPOSE

ADDITIONAL APPLICATIONS

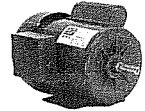
MOTOR TECHNICAL DATA

DRIVES & STARTERS

CONTROLS

FRACTIONAL HP – GENERAL PURPOSE MOTORS

TEFC – NEMA 56 FRAMES – SINGLE-PHASE MOTORS



RIGID BASE

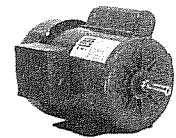
HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	"C" Dimension	Voltage	Notes
1/4	3600	56	.2536ES1BB56	240	F1	31	1.15	2.50	11.496	115/208-230V	
	1800	56	.2518ES1BB56	249	F1	33	1.15	2.30	11.496	115/208-230V	
1/3	3600	56	.3336ES1BB56	249	F1	36	1.15	2.80	11.496	115/208-230V	
	1800	56	.3318ES1BB56	264	F1	36	1.15	3.00	11.496	115/208-230V	
1/2	3600	56	.5036ES1BB56	265	F1	40	1.15	3.80	11.496	115/208-230V	
	1800	56	.5018ES1BB56	291	F1	41	1.15	3.85	11.496	115/208-230V	
3/4	1200	56	.5012ES1BD56	478	F1	41	1.15	4.90	12.677	115/208-230V	
	3600	56	.7536ES1BB56	277	F1	41	1.15	5.30	11.496	115/208-230V	
1	1800	56H	.7512ES1BF56	605	F1	58	1.15	5.20	13.858	115/208-230V	
	3600	56	00136ES1BD56	351	F1	46	1.15	6.30	12.677	115/208-230V	
1 1/2	1800	56	00118ES1BD56	374	F1	52	1.15	7.00	12.677	115/208-230V	
	3600	56	00156ES1BD56	403	F1	56	1.15	8.50	12.677	115/208-230V	
2	1800	56H	00158ES1BF56	426	F1	58	1.15	9.00	13.858	115/208-230V	
	3600	56H	00236ES1BF56	524	F1	65	1.15	10.5	13.858	115/208-230V	

- ELECTRICAL FEATURES ON PAGE B-3.
- MECHANICAL FEATURES ON PAGE B-51.

WITH MANUAL OVERLOAD PROTECTION

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	"C" Dimension	Voltage	Notes
1/2	3600	56	.5036ES1BOLB56	295	F1	40	1.15	3.80	11.496	115/208-230V	
3/4	3600	56	.7536ES1BOLB56	307	F1	41	1.15	5.30	11.496	115/208-230V	
1	3600	56	00136ES1BOLD56	381	F1	46	1.15	6.30	12.677	115/208-230V	
1 1/2	3600	56	00156ES1BOLD56	432	F1	56	1.15	8.50	12.677	115/208-230V	
2	3600	56H	00236ES1BOLF56	553	F1	65	1.15	10.5	13.858	115/208-230V	

- ELECTRICAL FEATURES ON PAGE B-3.
- MECHANICAL FEATURES ON PAGE B-51.



FRACTIONAL HP
GENERAL PURPOSE
NEMA PREMIUM EFFICIENCY
QUALITY
TEFC
PUMP MOTORS
DEFINITE PURPOSE
ADDITIONAL MODIFICATIONS
MOTOR TECHNICAL DATA
DIMENSIONS & WEIGHTS
CONTROLS