

COMPRESSOR DUTY MOTORS

ODP



SINGLE PHASE

These high quality motors are designed to meet the high torque requirements of air compressor loads. Ball bearings designs and manual reset thermal protection are standard features on all ratings. These heavy duty motors are rolled steel constructions NEMA 56 frames. Special electrical and mechanical features ensure reliable service and long motor life.



FRACTIONAL HP

GENERAL PURPOSE

NEMA PREMIUM EFFICIENCY

CRUSHER® DUTY

IEC TRU-METRIC™

PUMP MOTORS

DEFINITE PURPOSE

ADD-ON™ MODIFICATIONS

MOTOR TECHNICAL DATA

DRIVES & SOFT STARTERS

CONTROLS

APPLICATIONS

- Stationary and portable air compressors
- All kinds of intermittent duty compressors

STANDARD FEATURES

- Single-phase, 11 pole, 60Hz
- Voltage: 115/208-230V
- With manual overload protection
- Start capacitor
- Squirrel cage rotor
- Open Drip Proof (ODP)
- Fan cooled (internally)
- Ball bearings
- NEMA dimensions
- High starting torque
- Class "B" insulation (130°C)
- Reinforced fixed base (MIG welding)
- Paint: Munsell N1 (Black)

OPTIONAL FEATURES

- Class "F" insulation
- Flange mounted
- Special voltages
- Specially dimensioned shaft
- Second shaft end
- Stainless steel shaft
- Footless
- Automatic Overload Protection
- Other mounting configurations

All motors are tested according to IEEE 112 Std. – Method 'B' or C390 CSA.



RIGID BASE – SINGLE-PHASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	"C" Dimension (in.)	Voltage	Notes
1/2	3600	56	.5036OS1BCDC56	224	C1	24	1.00	3.60	10.551	115/208-230V	
3/4	3600	56	.7536OS1BCDC56	237	C1	32	1.00	4.50	10.551	115/208-230V	
1	3600	56	00136OS1BCDB56	278	C1	36	1.00	7.00	11.102	115/208-230V	
1 1/2	3600	56	00156OS1BCDD56	311	C1	40	1.00	9.50	12.283	115/208-230V	
2	3600	56	00236OS1BCDD56	372	C1	48	1.00	11.0	12.283	115/208-230V	
3	3600	56H	00336OS1BCDF56	432	C1	58	1.00	15.0	13.464	115/208-230V	
5	3600	56H	00536OS1CCDG56	458	C1	63	1.00	25.0	13.858	208-230V	
	1800	184T	00518OS1CCD184T	682	C1	109	1.25	24.5	14.870	208-230V	

- ELECTRICAL FEATURES ON PAGE B-23.
- MECHANICAL FEATURES ON PAGE B-75.