

**Abbreviations:** The Basic Baldor catalog number consists of a letter(s) prefix and several non-significant proceeding numbers. A suffix letter(s) and/or number(s) may also be part of the catalog number. For example L3510 or L3510T. Following is a list of prefix and suffix definitions.

### Catalog Number Prefix:

Single Phase Motors	AEM	Automotive Motor (GM7EHQ)
	AF	Aeration Fan Motor
	AM	Automotive (Motor GM7EQ)
	ANF	Auger Flange Motor
General Purpose Industrial Motors	AO	Air-Over Motor
	AP	Subfractional HP, PM Motor
	AS	Arbor Saw Motor
	B	Brake Motor
Premium Efficient Super-E® Motors	BC	DC Motor Speed Control
	BK	Single Phase Gearmotor Kit
	BLW	Blower Kit
	BMC	Brushless DC Motor Control
Severe Duty Motors	BSM	Brushless Servo Motors
	BTG	Tachometer Generator
	BU	Bushing Kit
	C	NEMA C-Face with Base
Washdown Duty Motors	CBL	Cable Assembly
	CD	Wound Field DC Motor
		NEMA C-Face with Base
	CDP	PM SCR Drive Motor
Explosion Proof Motors	CDPT	PM SCR Drive Motor with Integral Tachometer
	CDPWD	Washdown PM SCR Drive Motor, NEMA C-Face
	CDPSWD	PM Paint Free Washdown SCR Drive Motor
	CDPX	PM Explosion Proof SCR Drive Motor - C-Face with base
Pump Motors	CDX	Wound Field Explosion Proof DC Motor, NEMA C-Face
	CESWDM	Paint Free Super-E Washdown - C-Face with base
	CF	Condenser Fan Motor
	CHC	Direct Drive Fan Motor with Resilient Base
Commercial Motors	CP	Chemical Processing, Corrosion Protected Motor
	CR	Crusher Motor
	CSC	Checkout Stand Motor
	CSM	Baldor SmartMotor
HVAC Motors	CSSEWDM	All Stainless Super-E Washdown-C-Face with base
	CSSWDM	All Stainless Washdown - C-Face with base
	CSWDM	Paint Free Washdown - C-Face with base
	CWAM	Dirty Duty Washdown - C-Face with base
	CWDSM	Baldor Washdown SmartMotor
	D	DC Shunt or Compound Motor or Definite Purpose Soft Start Control
	DE	Vacuum Pump Motor
	DG	Gate Operator Motor
	DMG	Lifting Magnet Generator
	DOC	Door Operator Motor
	DR	Double Reduction
	E	Super-E Premium Efficiency
	E3H	Super-E Premium Efficiency
		HVAC Duty with Connection Box located on top of Motor
	ECP	Super-E Premium Efficiency, Chemical Processing
		Hostile Environment Motor
	EN	Encoder Kit
	FM	F-2 Mount Motor
	FCD	Drip Cover Kit
	FD	Farm Duty Motor
	FFC	Fan Cover/Conduit Box Kit
	FL	Flange Kit
	G	Subfractional HP Gear Motor
	GC	Permanent Split Capacitor and Split Phase
	GCP	Permanent Split Capacitor and Split Phase Parallel Shaft Gearmotor
	GD	Centrifugal Fan Motor
	GF	900 Series Reducers
	GP	Subfractional HP PM Motor
	GPP	PM Parallel Shaft Gear Motor

GSF	Universal Series Right Angle Gear Reducers
GS	Grain Stirring Motor
H	Definite Purpose HVAC Motors
H3	HVAC Duty with Connection Box located on top of Motor
HP	Hydraulic Pump Motor
ID	Inverter Control
IDM	Inverter Drive Motor-TEBC
IDNM	Inverter Drive Motor-TENV
IDWNM	Washdown Inverter Motors-TENV
IDXM	Explosion proof Inverter Drive Motors-TEFC
IM	Irrigation Drive Motor
IR	Instant Reversing Single Phase Farm Motor
J	NEMA 56J Stainless Steel Threaded Shaft with Dripcover
JM	NEMA JM Pump shaft & Face with Base
JP	NEMA JP Pump shaft & Face with Base
JSL	Square Flange Pump Motors with threaded shaft.
K	Model 34 Diameter Motor with 56 C-Face, less Base
KN	Model 34 Diameter TENV Motor with 56 C-Face, less Base
L	Single Phase
LRA	Line Reactor
M	Three Phase
M	Multipurpose Soft Start Control
MM	Metric Dimension Motor with Base
MPM	Three Phase Metering Pump
MVM	Metric Dimension Motor, Flange Mount less Base
N	Totally Enclosed Non ventilated
OF	Design D, High Slip Motor (Oil Field)
P	Pressure Washer Motor
P15	Pre-Engineered Control Panel
PSC	Permanent Split Capacitor
R	Repulsion-Start, Induction-Run Motor
RBT	Roller Bearing Conversion Kit
RES	Resolver Feedback Kit
RG	Regeneration Resistor Assembly
RH	Definite Purpose HVAC Motors
RL&RM	Resilient Base(Cradle Mount)
RT	Dynamic Braking Resistor Assembly
S	Single Phase Soft Start
SD	Series 23H Servo Control
SS	All Stainless Washdown Duty
SWD	Stainless Washdown Duty
T	Torque Control
TA	Torque Arm
TM	Definite Purpose HVAC Motors with Terminal Panel Endplate
TK	Tachometer Mounting Kit
UC	Universal Crop Dryer Motor
V	NEMA C-Face less Base
VH	Vertical Pump Motor, Normal Thrust
VJM	NEMA JM Pump Shaft and Face less Base
VLCP	Vertical Pump Motor, Medium Thrust
VP	PM SCR Drive Motor with Metric Face or Flange
VPCP	Vertical Pump Motor, High Thrust
WC	West Coast Fit NEMA TCZ
WD	Washdown Duty
WW	Woodworking Motor
ZD	Vector Control
ZDM	Vector Drive Motor-TEBC
ZDNM	Vector Drive Motor-TENV
ZDWNM	Washdown Vector Motors-TENV

### Catalog Number Suffix:

-2	120/240V Field
-277	277 Volt Winding
-4	460 Volt Winding
-5	575 Volt Winding
-8	200 Volt Winding
-9	NEMA Design C High Torque Winding
-12	12 Leads
/35	Full 140 Frame Band Diameter
/36	Full 180 Frame Band Diameter
-50	Wound for 50 Hertz Service
-2341	2300/4160 Volt Winding
A	Automatic Thermal Overload
BV	Blower Vented
-C	Listing includes Class I, Group C
-CL	Open Chassis Enclosure, Line Regenerative
-CO	Open Chassis Enclosure, no internal braking
E	Electric Switch
-E	NEMA 1 Enclosure, built in Dynamic Braking
-EL	NEMA 1 Enclosure, Line Regenerative
-EO	NEMA 1 Enclosure, no internal braking
-ER	NEMA 1 Enclosure, built in Dynamic Braking Transistor
-I	Explosion-Proof, 1.15 Service Factor
M	Manual Thermal Overload
-MO	Protected Chassis Enclosure, no internal braking
P	Wound Field DC Motor NEMA "AT" Frame
-P	Partial AC Motor Excludes
R-	Roller Bearing
T	NEMA "T" Frame Dimension
TP	Feather Picker Motor
TR	NEMA "T" Frame-Roller Bearing
TS	NEMA "TS" Frame Short Shaft Pulley Endplate
-V12	12 Volt DC
-V24	24 Volt DC
-W	NEMA 4 Enclosure
-WR	Washdown Rating

### Gear Reducer Suffix: 900 Series

A	56C Motor Flange
B	140TC Motor Flange
C	180TC Motor Flange
G	Left Hand Output Shaft
H	Double End Output Shaft
J	Right Hand Output Shaft

### Gear Reducer Suffix: Universal Series

A	56C or Right Hand Output Shaft
B	140TC
C	180TC

### Grinder Catalog Number Suffix:

D	Deluxe
E	Exhaust Guards
W	Wide Design

### Other Abbreviations:

C	Permanent Split Capacitor
L	Capacitor-Start, Induction-Run Motor
LC	Capacitor-Start, Capacitor-Run Motor
S	Split Phase
X	Explosion-Proof

## CATALOG NOTES:

- 1 Class F Insulated Motor with 1.15 Service Factor or higher that operates within Class "B" temperature limits at rated horsepower.
- 2 1.00 Service Factor.
- 3 Capacitor start, induction run.
- 4 Wye-start, delta-run.
- 5 Belted duty only, roller bearing.
- 6 F-2 Mounting
- 7 Companion voltages not available.
- 8 Class "H" Insulated.
- 9 Motors are not NAFTA qualified.
- 10 These motors meet the hardware requirements of IEEE 45/ABS and are not provided with Marine Plan Documentation.
- 13 Furnished without conduit box. Order kit P/N K56G3230.
- 14 Type CH (Capacitor Start - Capacitor Run).
- 15 Motors rated 208-230/460 are operable to minimum 200 volts.
- 17 Capable of 100% thrust in either direction.
- 18 Capable of 100% thrust stated in downward direction (out of motor) and 40% upward thrust (into motor).
- 19 60/50 Hertz motor. 60 Hertz data shown, contact your local Baldor office for 50 Hertz data.
- 20 Class F Insulation.
- 21 Double bolt.
- 22 Base used for NEMA & above NEMA frames, 445T.
- 23 Two piece slide rails.
- 24 DOL or Part Winding Start.
- 25 DOL or Wye Start, Delta Run
- 26 Non-standard "BA" due to drive end bearing cooling fan. Please refer to layout drawing.
- 27 Motors have ball bearing suitable for coupled loads. If load is belted, a roller bearing may be required, contact your local Baldor office.
- 28 Usable at 200 volts.
- 29 V-dimension is 2.5".
- 30 Usable at 208 volts.
- 31 Suitable for 230/460, 60 Hz and 190-220/380-440 volts, 50 Hz.
- 32 Stearns brake.
- 33 Voltage at 60Hz.
- 34 Dodge D series brake.
- 35 Design A, also meets Design E inrush limits.
- 36 Can mount as 56, 143T & 145T frames with NEMA 56 shaft dimensions.
- 37 Can mount as 56, 143T & 145T frames with NEMA 143T-145T shaft dimensions.
- 38 Can mount as NEMA 56, 143T and 145T frames with NEMA 56 frame shaft dimensions.
- 39 Class F Rise
- 40 Brake motors may be mounted for vertical mounting with brake below motor.
- 41 Brake motors may be mounted for vertical mounting with brake above or below motor.
- 42 DODGE Short Series Brake.
- 43 Cannot be mounted vertically.
- 44 Shown as WPI enclosure.
- 45 Horizontal mount, no C-Face. May be converted to C-Face in Mod Express or built as custom motors.
- 46 Includes 1024 ppr encoder.
- 47 BA dimension does not meet NEMA standards.
- 48 Includes phase insulation. Suitable for inverter duty.
- 49 Includes vertical lifting provision.
- 50 Cast Iron 140 Frame.
- 51 BISSC Certified.
- 52 IP55 Enclosure.
- 53 Voltage at 50Hz.
- 54 Motors have NEMA standard BA dimensions.
- 55 Constant velocity fan: 115 volts, single phase.
- 57 Can mount as NEMA 145T frame with 145T frame shaft dimensions.
- 58 Can mount as NEMA 56, 143T and 145T frames with NEMA 143T-145T frame shaft dimensions.
- 60 Totally-Enclosed, Non-Ventilated, Continuous Duty.
- 61 Copper bar rotor standard.
- 63 Foot also drilled for 447T frame mounting.
- 64 Motors include 100 ohm platinum winding RTDs and space heaters.
- 65 Capacitor start, capacitor run (two value capacitor).
- 66 Resilient mount single phase motors with moderate starting torque for fan applications.
- 67 Voltage at 50/60 Hz.
- 68 3 lead.
- 69 6 lead suitable for part winding start on 200 volts.
- 70 Constant velocity fan: 230/460 volts, three phase.
- 71 Nominal efficiency is based at the 1800 RPM (High RPM) and low speed efficiency is available just not published.
- 72 Orders shipped from a Reliance facility in 3 working days. Motor is returnable for a restocking charge of \$100 plus 10% of the net motor price.
- 73 SCR Motors with a 3:1 constant torque speed range.
- 74 V-dimension is 3".
- 75 Availability limited to current stock.
- 76 Flexible waterproof cover protects thermal overload reset button.
- 77 Inverter Duty.
- 78 Furnished without conduit box. Order Kit BKP2400.
- 80 Design criteria similar to motors in Commercial Duty Motors section.
- 81 5.5 inch frame – Aluminum end shield standard enclosure
- 82 6.3 inch frame – Aluminum end shield standard enclosure
- 83 Not suitable for use on motors which have model number with "a, b or c" suffixes
- 84 Does not meet NEMA BA for C-face footed motors
- 85 Can only be used on motors 1800 RPM and slower with ball bearings
- 86 Cannot be operated at full nameplate rating on 50 Hz rectified power supply
- 87 Tach adaptable with Thermostat
- 88 Sleeve bearings - coupled loads only.
- 89 Cooling fan on each end.
- 90 Includes thermostat.
- 91 Blower on drive end.
- 92 Force vent with blower and filter. Full nameplate rating on 50 Hz rectified power, AC supply voltage must be same as 60 Hz supply.
- 93 Force vent with blower, full nameplate rating on 50 Hz rectified power. AC supply voltage must be same as 60 Hz supply, thermostats and tach provisions.
- 94 Force vent with blower, cannot run full nameplate on 50 Hz rectified power, thermostats and tach provisions.
- 95 Force vent with blower on drive end filter, thermostats and tach provisions.
- 106 Finned aluminum frame construction.

## EXPLOSION-PROOF MOTOR SYMBOLS:

- ① Class I, Group D only, T2C.
- ② Class I, Group C & D, Class II, Group F & G, T4.
- ③ Class I, Group D, Class II Group F & G, T3B
- ⑤ Class I, Group C & D only, T3C
- ⑥ Class I, Group D only, T2A.
- ⑦ Class I, Group D, Class II, Group F & G, T4.
- ⑧ Class I, Group D, Class II, Group F & G, T3C.