

LEESON Canada features products by well known manufacturer Berkeley® which includes the Toran® and Simer® brand names.

**SUBMERSIBLE UTILITY PUMPS**  
**GEYSER® II 1/6 HP**

- 1/6 HP, 115 volt motor, 6 Amps
- Rugged thermoplastic body resists corrosion, impact, stress and heat
- Grounded plug
- Oil cooled Simer motor provides high efficiency
- Built-in thermal overload protection
- Vent relief prevents air lock
- 1-1/4" MPT discharge with garden hose adapter included
- Pumps floor dry to 1/8"; fits into 6" opening
- Weight - 9 lbs.



*Up to 1260 gallons per hour!*

Catalogue Number	List* Price	Cord (ft.)	Vertical Lift (ft.)				
			0	5	10	15	20
<b>C2305</b>	\$149	8	21	19	17	14	8

**D130 • COMPOSITE/STAINLESS STEEL SUBMERSIBLE DRAINER**

- Engineered composite casing
- Energized double lip seal in oil chamber
- 300 series stainless steel fasteners
- Stainless steel shaft
- 3/10 HP High Efficiency PSC motor
- S.S. internal motor housing
- Air filled (oil-less) motor housing
- Permanently lubricated ball bearings
- Built in thermal overload with auto reset
- 8' or 15' water resistant 18 - 3 gauge, with integrally grounded 3-prong plug



HP	Volts	Catalogue Number	List* Price	Max. Load Amps	Cord (ft.)	Mechanical Switch Type
3/10	115	<b>D13018TB</b>	\$221	2.3	8	Tethered
3/10	115	<b>D130115TB</b>	237	2.3	15	Tethered

**D33/D50 • CAST IRON • SUBMERSIBLE SUMP/EFFLUENT PUMP**

- Cast iron casing
- 1/2" spherical solids handling
- Available in 1/3 and 1/2 HP
- Pump out vanes on impeller
- Built-in auto reset overload
- Cord seal prevents oil loss
- Field-replaceable power cord
- Built-in suction screen
- Cast iron upper volute and motor cover
- Engineered plastic impeller and base
- 1-1/2" NPT discharge



HP	Volts	Catalogue Number	List* Price	Max. Load Amps	Cord (ft.)	Mechanical Switch Type
1/3	115	<b>DC233110TB</b>	\$255	9.8	10	Tethered
1/3	115	<b>DC233120TB</b>	267	9.8	20	Tethered
1/3	115	<b>DC233110VB</b>	284	9.8	10	Vertical
1/3	115	<b>DC233120VB</b>	311	9.8	20	Vertical
1/2	115	<b>DC250110TB</b>	343	12.0	10	Tethered
1/2	115	<b>DC250120TB</b>	369	12.0	20	Tethered
1/2	115	<b>DC250110VB</b>	379	12.0	10	Vertical
1/2	115	<b>DC250120VB</b>	408	12.0	20	Vertical

**\*DISCOUNT SYMBOL A**


**GEYSER® CLASSIC 1/6 HP**

- Heavy duty 1/6 HP, 115 volt motor, 5 Amps
- Epoxy coated aluminum body resists heat, stress and corrosion
- Oil cooled motor with built-in thermal overload protection
- Grounded plug
- Open type trash impeller resists clogging
- Removable screen for easy cleaning
- 1-1/4" FPT discharge with garden hose adapter included
- Pumps floor dry to 1/8"; fits into 7" opening
- Weight - 9 lbs.



Catalogue Number	List* Price	Cord (ft.)	Vertical Lift (ft.)				
			0	5	10	15	20
<b>C2300</b>	\$206	8	21	19	17	14	8
<b>C2310</b>	240	25					

Catalogue Number	List* Price	Cord (ft.)	Vertical Lift (ft.)				
			0	5	10	15	20
<b>C2300</b>	\$206	8	21	19	17	14	8
<b>C2310</b>	240	25					

**300HT • HIGH TEMPERATURE PUMP CAST IRON • SUMP/EFFLUENT**

- Cast iron casing
- Cast iron upper & lower motor housings
- Cast iron impeller
- Carbon and ceramic sealing faces
- Stainless steel metal parts
- Ball/sleeve type, oil lubricated bearings
- Stainless steel nameplate
- 1/3 HP, 1150 RPM, 115V. Oil-filled
- Built-in auto thermal overload protection
- Power Cord: 20' oil and water resistant
- 3/4" spherical solids handling capability



HP	Volts	Catalogue Number	List* Price	Max. Load Amps	Cord (ft.)	Discharge
1/3	115	<b>HT333120TB</b>	\$880	12	20	1-1/2" NPT



By Regal-Beloit

### CENTRIFUGAL PUMP MOTORS SINGLE PHASE • C FACE

Designed for use on commercial and industrial pumps, centrifugal and hydraulic pumps, machine tools, and other equipment requiring NEMA C-face mounting configuration.

Features:

- Ball bearings
- Reversible rotation
- NEMA C-face with standard shaft or threads



Cat. No. C330



Cat. No. C331

### CENTRIFUGAL PUMP MOTORS THREE PHASE • C FACE

Designed for use on commercial and industrial pumps, centrifugal and hydraulic pumps, machine tools, and other equipment requiring NEMA C-face mounting configuration.

Features:

- Ball bearings
- Reversible rotation
- NEMA C-face with standard shaft or threads



Cat. No. K217



Cat. No. K229

1 Connected for CW rotation facing opposite shaft end. No reconnection possible.  
 2 Designed for 50 or 60 Hz operation.  
 3 Designed for 50Hz operation.  
 ☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.

\* Motor includes base mount.

Catalogue numbers in blue are NEW items.



### CAPACITOR START • DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	56C	<b>C328</b>	\$156	RB1CAC	13.5	115/230	Auto	1.75	3.2	10.71
	3450	56J	<b>C329</b> <sup>1</sup>	161	RB1CAC	13.5	115/230	Auto	1.75	3.2	11.22
	1725/ 1425	56J	<b>C683</b> <sup>2</sup>	235	RB1CAC	16.5	115/208-230	Auto	1.35	3	10.82
1/2	3450	56C	<b>C330</b>	171	RB1CAC	15	115/230	Auto	1.60	3.8	10.31
	3450	56J	<b>C331</b> <sup>1</sup>	173	RB1CAC	15	115/230	Auto	1.60	3.8	10.82
3/4	3450	56C	<b>C332</b>	201	RB1CAC	18	115/230	Auto	1.50	5.6	11.84
	3450	56J	<b>C333</b> <sup>1</sup>	204	RB1CAC	18	115/230	Auto	1.50	5.6	12.4
	2850	56C	<b>C732</b> <sup>3</sup>	229	RB1CAC	20	110/220	Auto	1.50	4.9	12.6
	1725	56J	<b>C685</b>	332	RB1CAC	25	115/230	Auto	1.25	6.6	11.27
1	3450	56C	<b>C334</b>	222	RB1CAC	20	115/230	Auto	1.40	6.6	12.59
	3450	56J	<b>C335</b> <sup>1</sup>	228	RB1CAC	20	115/230	Auto	1.40	6.6	13.14
1 1/2	3450	56C	<b>C336</b>	310	RB1CAC	29	115/230	Auto	1.30	9.2	11.38
	3450	56J	<b>C337</b> <sup>1</sup>	314	RB1CAC	29	115/230	Auto	1.30	9.2	11.89
2	3450	56C	<b>C338</b>	383	RB1CAC	38	115/230	Auto	1.20	10.6	13.22
	3450	56J	<b>C339</b> <sup>1</sup>	398	RB1CAC	38	115/230	Auto	1.20	10.6	13.73
3	3450	56C	<b>C340</b> <sup>☆</sup>	418	RB1CAC	38	115/230	Auto	1.15	14.7	12.66
	3450	56J	<b>C341</b> <sup>1☆</sup>	429	RB1CAC	38	115/230	Auto	1.15	14.7	13.17

### CAPACITOR START • TOTALLY ENCLOSED FAN COOLED

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	56J	<b>C1336</b>	\$189	RB1CAC	15	115/230	1.0	Auto	2.8	11.87
1/2	3450	56J	<b>C465</b> <sup>1</sup>	235	RB1CAC	16.5	115/230	Auto	1.15	3.7	11.9
3/4	3450	56C	<b>C847</b>	250	RB1CAC	18	115/230	Auto	1.0	4.9	11.76
1	3450	56J	<b>C352</b> <sup>1</sup>	270	RB1CAC	29	115/230	Auto	1.15	6.5	12.95
2	3450	56J	<b>C878</b> <sup>1☆</sup>	405	RB1CAC	38	115/230	Auto	1.0	8.9	14.79

### DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	56C	<b>K215</b>	\$170	RB1CAC	13.5	208-230/460	1.75	1.8	9.9
	3450	56J	<b>K748</b>	173	RB1CAC	13.5	208-230/460	1.75	1.8	10.4
1/2	3450	56J	<b>K217</b>	198	RB1CAC	15	208-230/460	1.60	2	10.82
	1725	56J	<b>K553</b>	266	RB1CAC	22	208-230/460	1.25	2.2	10.41
3/4	3450	56J	<b>K1483</b> <sup>*</sup>	221	RB1CAC	17	208-230/460	1.50	2.6	11.22
	3450	56J	<b>K219</b>	216	RB1CAC	17	208-230/460	1.50	2.6	11.22
	1725	56J	<b>K555</b>	313	RB1CAC	24	208-230/460	1.25	3	11.24
1	3450	56J	<b>K221</b>	249	RB1CAC	19	208-230/460	1.40	3.2	11.82
	1725	56J	<b>K750</b>	324	RB1CAC	27	208-230/460	1.15	3.8	11.24
1 1/2	3450	56J	<b>K1484</b> <sup>*</sup>	319	RB1CAC	24	208-230/460	1.15	4.8	11.24
	3450	56J	<b>K223</b>	314	RB1CAC	24	208-230/460	1.30	4.8	11.24
	1725	56J	<b>K751</b>	358	RB1CAC	31	208-230/460	1.15	5.6	11.84
2	3450	56J	<b>K225</b>	373	RB1CAC	29	208-230/460	1.20	6	11.84
	3450	56J	<b>K227</b>	442	RB1CAC	38	208-230/460	1.15	8.2	13.12

### TOTALLY ENCLOSED FAN COOLED

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	56C	<b>K228</b>	\$190	RB1CAC	13.5	208-230/460	1.0	1.8	10.6
1/2	3450	56C	<b>K229</b>	206	RB1CAC	15	200-230/460	1.60	2	10.93
	3450	56J	<b>K230</b>	222	RB1CAC	15	200-230/460	1.60	2	11.4
	1725	56J	<b>K550</b>	270	RB1CAC	22	208-230/460	1.0	2.2	11.52
3/4	3450	56J	<b>K232</b>	245	RB1CAC	17	208-230/460	1.50	2.6	11.9
1	3450	56C	<b>K233</b>	270	RB1CAC	20	200-230/460	1.40	3	12.36
	3450	56J	<b>K234</b>	282	RB1CAC	20	200-230/460	1.40	3	12.9
	3450	56J	<b>K245</b> <sup>*</sup>	288	RB1CAC	20	200-230/460	1.40	3	12.9
1 1/2	3450	56J	<b>K236</b>	303	RB1CAC	31	200-230/460	1.30	4.2	12.95
	3450	56J	<b>K246</b> <sup>*</sup>	303	RB1CAC	31	200-230/460	1.30	4.2	12.95
2	3450	56J	<b>K238</b>	344	RB1CAC	35	200-230/460	1.20	5.4	13.48
3	3450	56J	<b>K240</b>	417	RB1CAC	49	230/460	1.0	8	14.79



## PUMP MOTORS SINGLE PHASE



GE Commercial Motors

By Regal-Beloit

### POOL AND SPA C FLANGE

Designed for in-ground swimming pools requiring 56C mounting.

#### Features:

- Two-compartment design for easy servicing
- Water barrier seal system
- All copper winding
- Ball Bearings
- Threaded shaft motors are 303 stainless
- CW rotation only
- UL 1081 approved
- 50° C ambient



Cat. No. C1093



Cat. No. C1098

### CAPACITOR START • NEMA 56C OR 56J MOUNTING FULL RATED • SINGLE SPEED

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450	56C	<b>C1093</b>	\$172	RB1POL	15	115/230	Auto	1.60	7.4/3.7	12.01
	3450	56J	<b>C1098</b>	178	RB1POL	15	115/230	Auto	1.60	7.4/3.7	12.42
	3450	56C	<b>C1485</b> ☆	192	RB1POL	19	115/230	Auto	1.90	5.9/3.0	13.47
	3450	56J	<b>C1486</b> ☆	198	RB1POL	19	115/230	Auto	1.90	5.9/3.0	13.98
3/4	3450	56C	<b>C1094</b>	194	RB1POL	17	115/230	Auto	1.50	9.9/4.9	12.01
	3450	56J	<b>C1099</b>	200	RB1POL	17	115/230	Auto	1.50	9.9/4.9	12.42
	3450	56C	<b>C1436</b> ☆	214	RB1POL	19	115/230	Auto	1.65	7.5/3.8	13.47
	3450	56J	<b>C1437</b> ☆	220	RB1POL	19	115/230	Auto	1.65	7.5/3.8	13.98
1	3450	56C	<b>C1095</b> ☆	216	RB1POL	21	115/230	Auto	1.50	10.6/5.3	13.47
	3450	56J	<b>C1100</b> ☆	222	RB1POL	21	115/230	Auto	1.50	10.6/5.3	13.98
	3450	56C	<b>C1487</b> ☆	236	RB1POL	35	115/230	Auto	1.65	10.2/5.1	13.8
	3450	56J	<b>C1488</b> ☆	242	RB1POL	35	115/230	Auto	1.65	10.2/5.1	14.31
1½	3450	56C	<b>C1096</b> ☆	280	RB1POL	40	115/230	Auto	1.50	14.8/7.4	13.8
	3450	56J	<b>C1101</b> ☆	286	RB1POL	40	115/230	Auto	1.50	14.8/7.4	14.31
2	3450	56C	<b>C1097</b> ☆	324	RB1POL	40	230	Auto	1.30	8.8	13.
	3450	56J	<b>C1102</b> ☆	330	RB1POL	40	230	Auto	1.30	8.8	14.31
3	3450	56C	<b>C1439</b> ☆	412	RB1POL	49	230	Auto	1.15	13.0	15.64
	3450	56J	<b>C1440</b> ☆	418	RB1POL	49	230	Auto	1.15	13.0	16.15

### CAPACITOR START • NEMA 56C OR 56J MOUNTING FULL RATED • TWO SPEED

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/2-1/16	3450/1725	56C	<b>C1103</b>	\$252	RB1POL	18	115	Auto	1.65	7.4/2.4	12.01
	3450/1725	56J	<b>C1108</b>	258	RB1POL	18	115	Auto	1.65	7.4/2.4	12.42
3/4-1/10	3450/1725	56C	<b>C1104</b>	274	RB1POL	23	115	Auto	1.65	10.2/3.4	15.1
	3450/1725	56C	<b>C1105</b>	279	RB1POL	23	230	Auto	1.65	5.1/1.7	13.47
	3450/1725	56J	<b>C1109</b>	280	RB1POL	23	115	Auto	1.65	10.2/3.4	15.61
	3450/1725	56J	<b>C1110</b>	285	RB1POL	23	230	Auto	1.65	5.1/1.7	13.98
1-1/8	3450/1725	56C	<b>C1106</b> ☆	301	RB1POL	23	230	Auto	1.50	5.2/2.6	13.47
	3450/1725	56J	<b>C1111</b> ☆	327	RB1POL	23	230	Auto	1.50	5.2/2.6	13.98
1½-1/5	3450/1725	56C	<b>C1107</b> ☆	365	RB1POL	35	230	Auto	1.50	7.0/2.2	15.08
	3450/1725	56J	<b>C1112</b> ☆	371	RB1POL	35	230	Auto	1.50	7.0/2.2	15.59
2-1/4	3450/1725	56C	<b>C1442</b> ☆	409	RB1POL	40	230	Auto	1.30	8.7/2.9	15.44
	3450/1725	56J	<b>C1443</b> ☆	415	RB1POL	40	230	Auto	1.30	8.7/2.9	15.59

### CAPACITOR START • NEMA 56C OR 56J MOUNTING FULL RATED • SINGLE SPEED

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
3/4	3450	56J	<b>C1321</b>	\$178	RB1POL	15	115/230	Auto	1.0	9.8/4.9	12.42
1	3450	56J	<b>C1318</b>	200	RB1POL	19	115/230	Auto	1.0	12.7/6.3	13.98
1½	3450	56J	<b>C1319</b> ☆	242	RB1POL	21	115/230	Auto	1.0	15.8/7.9	13.98
2	3450	56J	<b>C1149</b> ☆	330	RB1POL	40	230	Auto	1.0	8.8	14.31
	3450	56J	<b>C1320</b> ☆	286	RB1POL	23	115/230	Auto	1.0	19.2/9.6	13.98

☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.

Catalogue numbers in blue are NEW items.



**POOL AND SPA SQUARE FLANGE**

Designed for in-ground swimming pools requiring square flange mounting.

Features:

- Two-compartment design for easy servicing
- Water barrier seal system
- All copper windings
- Ball Bearings
- Threaded shaft motors are 303 stainless
- CW rotation only
- UL 1081 approved
- 50° C ambient
- Voltage selection plug



Cat. No. C1304

**CAPACITOR START • SQUARE FLANGE MOUNTING  
FULL RATED • SINGLE SPEED**

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	56Z	<b>C1484</b>	\$174	RB1POL	15	115/230	Auto	1.95	5.7/3.8	11.59
1/2	3450	56Z	<b>C1304</b>	180	RB1POL	18	115/230	Auto	1.90	9.8/4.9	12.59
			<b>C1446</b> ☆	200	RB1POL	19	115/230	Auto	1.90	6.0/3.0	12.59
3/4	3450	56Z	<b>C1499</b> ☆	232	RB1POL	21	115/230	Auto	1.65	8.8/4.4	12.59
			<b>C1305</b> ¹	202	RB1POL	21	115/230	Auto	1.65	10.0/5.0	12.59
1	3450	56Z	<b>C1500</b> ☆	254	RB1POL	23	115/230	Auto	1.65	10.6/5.3	13.12
			<b>C1306</b> ¹	224	RB1POL	23	115/230	Auto	1.65	13.2/6.6	13.12
1½	3450	56Z	<b>C1307</b> ☆	298	RB1POL	40	115/230	Auto	1.50	14.3/7.1	14.9
2	3450	56Z	<b>C1308</b> ☆	342	RB1POL	40	230	Auto	1.30	8.8	14.9
3	3450	56Z	<b>C1449</b> ☆	430	RB1POL	49	230	Auto	1.15	13.0	16.1

**CAPACITOR START • SQUARE FLANGE MOUNTING  
FULL RATED • TWO SPEED**

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
3/4-1/10	3450/1725	56Z	<b>C1310</b>	\$282	RB1POL	31	230	Auto	1.65	5.6/1.3	13.62
			<b>C1450</b> ☆	302	RB1POL	31	115	Auto	1.65	9.0/2.5	14.9
1-1/8	3450/1725	56Z	<b>C1311</b>	304	RB1POL	23	230	Auto	1.25	6.0/1.8	13.12
1½-1/5	3450/1725	56Z	<b>C1312</b> ☆	368	RB1POL	35	230	Auto	1.50	7.0/2.2	15.46
2-1/4	3450/1725	56Z	<b>C1313</b> ☆	412	RB1POL	40	230	Auto	1.30	8.7/2.9	16.1

**CAPACITOR START • SQUARE FLANGE MOUNTING  
UP RATED • SINGLE SPEED**

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450	56Z	<b>C1243</b>	\$174	RB1POL	15	115/230	Auto	1.30	7.6/3.8	11.59
3/4	3450	56Z	<b>C1244</b>	180	RB1POL	17	115/230	Auto	1.27	10.2/5.1	11.59
1	3450	56Z	<b>C1245</b>	202	RB1POL	21	115/230	Auto	1.25	12.0/6.0	12.59
1½	3450	56Z	<b>C1246</b>	246	RB1POL	23	115/230	Auto	1.10	17.0/8.5	13.12
2	3450	56Z	<b>C1247</b> ☆	300	RB1POL	40	115/230	Auto	1.10	18.8/9.4	14.9
			<b>C1284</b> ☆	320	RB1POL	40	208-230	Auto	1.04	8.8	14.9
2½	3450	56Z	<b>C1335</b> ☆	364	RB1POL	45	208-230	Auto	1	11.5-11.3	14.9
3	3450	56Z	<b>C1445</b> ☆	408	RB1POL	49	208-230	Auto	1.0	13.0	16.1

1 6" shaft extension with 2 flats 90° apart.

☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.



## PUMP MOTORS SINGLE PHASE



GE Commercial Motors

By Regal-Beloit

### SPA • ABOVE GROUND POOL • JETTED TUB



Cat. No. C1453

Designed for spas, jetted tubs, and above ground swimming pools.

#### Features:

- Two-compartment design for easy servicing
- Ball Bearings
- One or two speed
- CW rotation only
- Extended clamp screws
- Spa motor rated for 50 degree C ambient
- UL 1081 recognized rainshield
- Shaft type is threaded

### CAPACITOR START • SINGLE SPEED • RIGID BASE • SPA

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	Base	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450	56Y	<b>C1427</b>	\$164	RB1POL	15	115/230	Auto	1.0	WBE	6.9	10.8
3/4	3450	56Y	<b>C1453</b>	186	RB1POL	15	115/230	Auto	1.0	WBE	9.0/4.5	10.8
1	3450	56Y	<b>C1454</b>	201	RB1POL	18	115/230	Auto	1.0	WBE	11.7/5.9	11.78
1½	3450	56Y	<b>C1455</b> ☆	321	RB1POL	21	115/230	Auto	1.0	WBE	14.4/7.2	13.2
	3450	56Y	<b>C1430</b> ☆	226	RB1POL	21	115	Auto	1.0	WBE	14.4	13.24
2	3450	56Y	<b>C1456</b> ☆	256	RB1POL	23	230	Auto	1.0	WBE	8.5	13.24
3	3450	56Y	<b>C1503</b> ☆²	286	RB1POL	23	230	Auto	1.0	WBE	12.5	14.11

### CAPACITOR START • TWO SPEED RIGID BASE • SPA

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	Base	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450/1725	56Y	<b>C1317</b>	\$186	RB1POL	15	115	Auto	1.0	WBE	6.6/2.8	11.78
3/4-1/10	3450/1725	56Y	<b>C1322</b>	201	RB1POL	18	115	Auto	1.0	WBE	8.8/2.6	11.78
	3450/1725	56Y	<b>C1457</b>	206	RB1POL	18	230	Auto	1.0	WBE	4.4/1.3	11.78
1-1/8	3450/1725	56Y	<b>C1323</b>	216	RB1POL	20	115	Auto	1.0	WBE	11.9/3.3	13.24
	3450/1725	56Y	<b>C1324</b>	221	RB1POL	20	230	Auto	1.0	WBE	5.8/1.9	13.24
1½-1/5	3450/1725	56Y	<b>C1316</b> ☆	246	RB1POL	23	115	Auto	1.0	WBE	16.2/6.2	13.24
	3450/1725	56Y	<b>C1326</b> ☆	251	RB1POL	23	230	Auto	1.0	WBE	6.9/2.6	13.24
2-1/5	3450/1725	56Y	<b>C1327</b> ☆	276	RB1POL	23	230	Auto	1.0	WBE	8.8/2.6	13.24
3-1/3	3450/1725	56Y	<b>C1504</b> ☆²	336	RB1POL	23	230	Auto	1.0	WBE	13.0/3.7	14.86

### SPLIT PHASE • ABOVE GROUND POOL REPLACEMENT FOR DOUGHBOY/LOMART

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	Base	F.L. Amps 230V	"C" Dim. (in.)
1	3450	48Y	<b>H911</b> <sup>1</sup>	\$145	RB1POL	14.5	115	Auto	1.0	ECS	10.0	9.09
	3450	48Y	<b>H920</b>	145	RB1POL	14.5	115	Auto	1.0	ECS	10.0	9.88

### DRIPPROOF • UL1081 • RIGID BASE • SINGLE SPEED JETTED TUB AND ABOVE GROUND POOL

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	Base	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450	56Y	<b>H890</b> <sup>3</sup>	\$125	RB1POL	13	115	Auto	1.0	WBE	7.5	9.81
3/4	3450	56Y	<b>H909</b> <sup>3</sup>	140	RB1POL	15	115	Auto	1.0	WBE	9.9	10.31
1	3450	56Y	<b>H910</b> <sup>3</sup>	155	RB1POL	18	115	Auto	1.0	WBE	12.4	10.71
1½	3450	56Y	<b>C1901</b> <sup>4</sup>	190	RB1POL	21	230	Auto	1.0	WBE	8.6	11.31
	3450	56Y	<b>C1905</b> <sup>4</sup>	195	RB1POL	25	115/230	Auto	1.0	WBE	16.0/8.0	11.84
	3450	56Y	<b>H921</b> <sup>3</sup>	185	RB1POL	25	115	Auto	1.0	WBE	15.8	11.84

#### MOTOR MOUNT DESIGNATIONS

- ECS Extended clamp screws  
(no base or resilient rings)
- NB No base provided
- RBE Resilient cradle base with extended  
clamp screws
- RB Resilient cradle base
- RR Resilient rings (no base provided)
- WB Welded base
- WBE Welded base with extended clamp screws

### DRIPPROOF • UL1081 • RIGID BASE • TWO SPEED JETTED TUB AND ABOVE GROUND POOL

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	Base	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450/1725	56Y	<b>C1906</b> <sup>4</sup>	\$150	RB1POL	16	115	Auto	1.0	WBE	6.6/2.8	11.31
3/4	3450/1725	56Y	<b>H922</b> <sup>3</sup>	160	RB1POL	18	115	Auto	1.0	WBE	9.4/3.2	10.71
3/4-1/10	3450/1725	56Y	<b>C1902</b> <sup>4</sup>	165	RB1POL	18	115	Auto	1.0	WBE	8.8/2.6	11.31
1-1/8	3450/1725	56Y	<b>C1903</b> <sup>4</sup>	180	RB1POL	20	115	Auto	1.0	WBE	11.9/3.3	11.31

1 Connected for CCW rotation facing opposite shaft end. No reconnection possible.

2 Class F insulation

3 Split phase type

4 Capacitor Start

5 Designed for 50 and 60 Hz operation

6 Connected for CW rotation facing opposite shaft end. No reconnection possible.

☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.

Catalogue numbers in blue are NEW items.



OEM REPLACEMENT

Designed for domestic and light industrial water systems requiring 56C, 56J, or square flange mounting.

Features:

- Sleeve or Ball Bearings
• Completely interchangeable with OEM units
• CW rotation only
• Extended clamp screws
• 50 degree C ambient
• NEMA C-face with standard shaft or threads, or square flange mounting



Cat. No. C4725

CARBONATOR PUMP • SPLIT PHASE • DRIPPROOF

Table with 13 columns: HP, RPM, NEMA Frame, Catalogue Number, List Price, Disc. Sym., App. Wgt., Voltage, Over-load Prot., Service Factor, Bearings, Base, F.L. Amps, "C" Dim. Rows include 1/4, 1/3, 1/2, and 3/4 HP models.

CARBONATOR PUMP • SPLIT PHASE • DRIPPROOF • DOUBLE SHAFT

Table with 13 columns: HP, RPM, NEMA Frame, Catalogue Number, List Price, Disc. Sym., App. Wgt., Voltage, Over-load Prot., Service Factor, Bearings, Base, F.L. Amps, "C" Dim. Row includes 1/3 HP model.

HOT WATER CIRCULATING PUMP • SPLIT PHASE • DRIPPROOF

Table with 13 columns: HP, RPM, NEMA Frame, Catalogue Number, List Price, Disc. Sym., App. Wgt., Voltage, Over-load Prot., Service Factor, Bearings, Base, F.L. Amps, "C" Dim. Rows include 1/12, 1/8, 1/4, and 1/3 HP models.

SUMP PUMP (with float switch and cord set) • SPLIT PHASE • DRIPPROOF

Table with 13 columns: HP, RPM, NEMA Frame, Catalogue Number, List Price, Disc. Sym., App. Wgt., Voltage, Over-load Prot., Service Factor, Bearings, Base, F.L. Amps, "C" Dim. Rows include 1/3 HP models.

- 1 Connected for CCW rotation facing opposite shaft end. No reconnection possible.
2 Class F insulation
3 Split phase type
4 Capacitor Start
5 Designed for 50 and 60 Hz operation
6 Connected for CW rotation facing opposite shaft end. No reconnection possible.
☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.

MOTOR MOUNT DESIGNATIONS

- ECS Extended clamp screws (no base or resilient rings)
NB No base provided
RBE Resilient cradle base with extended clamp screws
RB Resilient cradle base
RR Resilient rings (no base provided)
WB Welded base
WBE Welded base with extended clamp screws

Catalogue numbers in blue are NEW items.



## POOL AND JET PUMP MOTORS C-FACE, JET PUMP AND SQUARE FLANGE

### PERFORMA + FHP POOL AND JET PUMP MOTORS

#### General Specifications:

Energy-saving single-phase Permanent Split Capacity PERFORMA+ Pool and Jet Pump motors have separate compartment design required for many pool and spa applications. PSC design give energy-efficient operation with no switches to wear or seize. Special balancing of FHP motors give super quiet operation. Motors are connected for CW rotation, viewed from the lead end of the motor, and are not reversible. All designs – keyed and threaded – have 304 stainless steel shafts. Double-sealed bearings on both ends of the motor have high temperature grease for long life. Motors have external grounding lug and Class F insulation with Class B rise.

#### Standards and Approvals:

UL component recognized, UL file number E57948

CSA certified for safety, CSA report number LR33543

Design complies with requirements for motor/pump/cord assemblies that must pass the UL 1081 water spray test.



#### KEYED SHAFT • C FACE LESS BASE SINGLE PHASE • PSC • DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450	56C	MK1052	\$239	A	26	115/230	Auto.	1.95	4.9	11.75
3/4	3450	56C	MK1072	248	A	27	115/230	Auto.	1.65	5.2	11.75
1	3450	56C	MK1102	277	A	29	115/230	Auto.	1.5	5.1	12.73
1 1/2	3450	56C	MK1152	317	A	37	230	Auto.	1.4	6.7	13.71
2	3450	56C	MK1202	421	A	37	230	Auto.	1.15	8.5	13.71



#### THREADED SHAFT • C FACE LESS BASE SINGLE PHASE • PSC • DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450	56J	MT1052	\$239	A	26	115/230	Auto.	1.95	4.9	12.09
3/4	3450	56J	MT1072	248	A	27	115/230	Auto.	1.65	5.2	12.09
1	3450	56J	MT1102	277	A	29	115/230	Auto.	1.5	5.1	13.07
1 1/2	3450	56J	MT1152	317	A	37	230	Auto.	1.4	6.7	14.05
2	3450	56J	MT1202	421	A	37	230	Auto.	1.15	8.5	14.05



#### THREADED SHAFT • SQUARE FLANGE LESS BASE SINGLE PHASE • PSC • DRIP-PROOF

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/2	3450	56Y	MST1052	\$239	A	26	115/230	Auto.	1.95	4.9	11.92
3/4	3450	56Y	MST1072	248	A	27	115/230	Auto.	1.65	5.2	11.92
1	3450	56Y	MST1102	277	A	29	115/230	Auto.	1.5	5.1	12.90
1 1/2	3450	56Y	MST1152	317	A	37	230	Auto.	1.4	6.7	13.89
2	3450	56Y	MST1202	421	A	37	230	Auto.	1.15	8.5	13.89

#### Separate Compartment Design

Locates the motor run capacitor, protector and terminal board in a separate compartment on the end of the motor. Protective cover protects these items from water spray as defined by the UL1081 specification and provides for convenient servicing. Complies with requirements of UL1081 standard for motor/pump/cord assemblies used on swimming pool pumps; pump filter combinations, and chlorinators. Stub shaft with flats is accessible for wrenching when attaching pump impeller.



**Quality, Performance  
and Value Without  
Compromise™**





**JET PUMP MOTORS • SINGLE PHASE**

**NEMA C-FACE MOUNTING - DRIPPROOF**



Designed for domestic and light industrial water systems requiring 56C, 56J, or square flange mounting

Features:

- Two-compartment design for easy servicing
- Ball bearings
- CW rotation only
- 50 degree C ambient
- NEMA C-face with standard shaft or threads, or square flange mounting

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	Base	F.L. Amps 230V	"C" Dim. (in.)
<b>1/3</b>	3450	56C	C1081	\$140	RB1POL	13	115/230	Auto	1.75	NB	6.2/3.1	11.03
	3450	56J	C1087	144	RB1POL	13	115/230	Auto	1.75	NB	6.2/3.1	11.54
	3450	56C	H439	127	RB1POL	13	115	Auto	1.75	NB	6.2	11.03
	3450	56J	H440	129	RB1POL	13	115	Auto	1.75	NB	6.2	11.54
	3450	56J	H685	134	RB1POL	13	115	Auto	1.75	WB	6.2	11.54
<b>1/2</b>	3450	56C	C1082	147	RB1POL	14.5	115/230	Auto	1.60	NB	8.2/4.1	11.03
	3450	56J	C1088	150	RB1POL	14.5	115/230	Auto	1.60	NB	8.2/4.1	11.54
	3450	56J	C1462	154	RB1POL	14.5	115/230	Auto	1.60	WB	8.2/4.1	11.54
<b>3/4</b>	3450	56C	C1083	163	RB1POL	17	115/230	Auto	1.50	NB	11.6/5.8	12.01
	3450	56J	C1463	172	RB1POL	17	115/230	Auto	1.50	WB	11.6/5.8	12.42
	3450	56J	C1089	167	RB1POL	17	115/230	Auto	1.50	NB	11.6/5.8	12.42
<b>1</b>	3450	56C	C1084	187	RB1POL	21	115/230	Auto	1.40	NB	14.2/7.1	13.47
	3450	56J	C1090	191	RB1POL	21	115/230	Auto	1.40	NB	14.2/7.1	13.98
	3450	56J	C1464	194	RB1POL	21	115/230	Auto	1.40	WB	14.2/7.1	13.98
<b>1½</b>	3450	56C	C1085	248	RB1POL	21	115/230	Auto	1.30	NB	15.8/7.9	13.47
	3450	56J	C1091	253	RB1POL	21	115/230	Auto	1.30	NB	15.8/7.9	13.98
	3450	56J	C1465	256	RB1POL	21	115/230	Auto	1.30	WB	15.8/7.9	13.98
<b>2</b>	3450	56C	C1086	303	RB1POL	23	115/230	Auto	1.20	NB	19.2/9.6	13.47
	3450	56J	C1092	307	RB1POL	23	115/230	Auto	1.20	NB	19.2/9.6	13.98
	3450	56J	C1466	311	RB1POL	23	115/230	Auto	1.20	WB	19.2/9.6	13.98

**SQUARE FLANGE MOUNTING - DRIPPROOF**

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	Service Factor	Base	F.L. Amps 230V	"C" Dim. (in.)
<b>1/3</b>	3450	56Z	C1168	\$144	RB1POL	14	115/230	1.95	Auto	NB	6.4/3.2	11.59
<b>1/2</b>	3450	56Z	C1169	145	RB1POL	17	115/230	1.90	Auto	NB	10.8/5.4	11.59
<b>3/4</b>	3450	56Z	C1170	152	RB1POL	19	115/230	1.65	Auto	NB	12.6/6.3	12.59
<b>1</b>	3450	56Z	C1171	172	RB1POL	21	115/230	1.65	Auto	NB	16.4/8.2	12.59
<b>1½</b>	3450	56Z	C1172	197	RB1POL	23	230	1.50	Auto	NB	7.6	13.12
<b>2</b>	3450	56Z	C1173	262	RB1POL	23	230	1.30	Auto	NB	8.7	13.12

**MOTOR MOUNT DESIGNATIONS**

- ECS Extended clamp screws  
(no base or resilient rings)
- NB No base provided
- RBE Resilient cradle base with extended  
clamp screws
- RB Resilient cradle base
- RR Resilient rings (no base provided)
- WB Welded base
- WBE Welded base with extended clamp screws





# PUMP MOTORS

## THREE PHASE



### JET PUMP MOTORS • THREE PHASE • TEFC

Available 3rd Quarter 2007



**Rugged, TEFC three phase jet pump motors for industrial service.** NEMA 56C face standard or threaded shaft (56J) and base mounting. Stator impregnated with heavy varnish system. High temperature copper magnet wire for high overload capacity. Grounding provision inside oversized conduit box.

#### Shaft Material

303 stainless steel, threaded

#### Features

- Ball bearings
- 208-230/460 V motors are suitable for 190/380 V 50 Hz.

#### 208-230/460 VOLT • C-FACE & RIGID • KEYED SHAFT

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	S56C	191429	\$125	A	20	208-230/460	1.15	1.1	11.02
1/3	3450	S56C	191430	130	A	22	208-230/460	1.15	1.5	11.02
3/4	3450	S56C	191431	132	A	23	208-230/460	1.15	2.2	11.51
1	3450	S56C	191432	134	A	24	208-230/460	1.15	3	11.77
1.5	3450	56C	191433	141	A	31	208-230/460	1.15	4.2	12.07
2	3450	56C	191434	200	A	36	208-230/460	1.15	5	12.58
3	3450	56C	191435	250	A	39	208-230/460	1.15	7.6	14.06

#### 208-230/460 VOLT • C-FACE & RIGID • THREADED SHAFT

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	S56J	191450	\$129	A	20	208-230/460	1.15	1.1	11.02
1/3	3450	S56J	191451	134	A	22	208-230/460	1.15	1.5	11.02
3/4	3450	S56J	191452	137	A	23	208-230/460	1.15	2.2	11.51
1	3450	S56J	191453	139	A	24	208-230/460	1.15	3	11.77
1.5	3450	56J	191454	146	A	31	208-230/460	1.15	4.2	12.07
2	3450	56J	191455	205	A	36	208-230/460	1.15	5	12.58
3	3450	56J	191456	255	A	39	208-230/460	1.15	7.6	14.06

#### 575 VOLT • C-FACE & RIGID • KEYED SHAFT

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	S56C	191443	\$125	A	20	575	1.15	0.4	11.02
1/2	3450	S56C	191444	130	A	22	575	1.15	0.6	11.02
3/4	3450	S56C	191445	132	A	23	575	1.15	0.9	11.51
1	3450	S56C	191446	134	A	24	575	1.15	1.2	11.77
1.5	3450	56C	191447	141	A	31	575	1.15	1.7	12.07
2	3450	56C	191448	200	A	36	575	1.15	2	12.58
3	3450	56C	191449	250	A	39	575	1.15	3	14.06

#### 575 VOLT • C-FACE & RIGID • THREADED SHAFT

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Service Factor	F.L. Amps 230V	"C" Dim. (in.)
1/3	3450	S56J	191457	\$129	A	20	575	1.15	0.4	11.02
1/2	3450	S56J	191458	134	A	22	575	1.15	0.6	11.02
3/4	3450	S56J	191460	137	A	23	575	1.15	0.9	11.51
1	3450	S56J	191461	139	A	24	575	1.15	1.2	11.77
1.5	3450	56J	191462	146	A	31	575	1.15	1.7	12.07
2	3450	56J	191463	205	A	36	575	1.15	2	12.58
3	3450	56J	191464	255	A	39	575	1.15	3	14.06

Catalogue numbers in blue are NEW items.

**EXPLOSION PROOF  
JET PUMP MOTORS**

**General Specifications:**

Rugged, explosion proof jet pump motors for industrial service. NEMA 56 C face. Stator impregnated with heavy varnish system. High temperature copper magnet wire for high overload capacity. Grounding provision inside oversized gasketed conduit box. 380 alloy aluminum endplate with cast bearing seat insert. Neoprene shaft flinger to repel moisture and other contaminants. Mechanical bearing lock, shaft end, controls axial movement. UL and CSA recognized design (UL file No. E57948).



**Shaft Material:**

416 stainless steel, threaded (1ph)  
303 stainless steel, threaded (3ph)

**Bearings:**

203 Double-sealed ball bearing, shaft-end; 203 Double-shielded ball bearing, switch-end. Shaft-end bearing is locked to limit axial movement of the shaft.

**Electrical Specifications:**

Explosion-proof motors have automatic overload protection. Others have no thermal overload protection.

**THREADED SHAFT • EXPLOSION PROOF • TEFC  
SINGLE PHASE • C-FACE LESS BASE**

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/2	3450	56J	<b>116188</b>	\$529	A	35	115/208-230	Auto.	3.8	13.96
3/4	3450	56J	<b>116186</b>	555	A	40	115/208-230	Auto.	5.0	14.46
1	3450	56J	<b>116185</b>	584	A	49	115/208-230	Auto.	6.0	14.96
1½	3450	56J	<b>116183</b>	624	A	52	115/208-230	Auto.	8.5	15.46
2	3450	56J	<b>116181</b>	679	A	54	115/208-230	Auto.	10.5	16.46

+ These motors are fixed rotation—CW from lead end.

☆ Capacitor start/capacitor run designed for reduced amperage, others are capacitor start/induction run.

**THREADED SHAFT • EXPLOSION PROOF •  
TEFC/TENV THREE PHASE • C-FACE LESS BASE**

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/2	3450	56J	<b>116187</b> ▲●	\$571	A	33	208-230/460	1.6	82.5	12.87
1	3450	56J	<b>116184</b> ▲	590	A	33	208-230/460	3.2	77.0	13.46
1½	3450	56J	<b>116182</b> ▲	615	A	48	208-230/460	4.2	81.5	14.46
2	3450	56J	<b>116180</b> ▲	660	A	50	208-230/460	5.6	82.5	14.96

▲ These motors are satisfactory for operation on 50 Hz power supply at full rated horsepower.

● These motors are totally enclosed, non-ventilated—Others are fan cooled.

**WASHGUARD™ JET PUMP MOTORS**

Washdown duty three phase jet pump motors for industrial service. These motors include all of the features of LEESON's White Duck WASHGUARD™ motors with the addition of a 56J threaded shaft for use on jet pumps. For demanding pump applications in wet, humid, or washdown environments.



**WASHGUARD™ • JET PUMP • THREADED SHAFT  
THREE PHASE • TEFC • C-FACE LESS BASE**

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3/4	3450	56J	<b>116774</b>	\$411	A	23	208-230/460	2.4	75.5	10.81
1	3450	56J	<b>116775</b>	412	A	35	208-230/460	3.2	77.0	10.81
1½	3450	56J	<b>116776</b>	437	A	42	208-230/460	4.2	81.5	11.81
2	3450	56J	<b>116777</b>	481	A	47	208-230/460	5.6	82.5	12.31
3	3450	56J	<b>116778</b>	479	A	49	208-230/460	7.6	84.0	13.25

**WASHGUARD™ • JET PUMP • THREADED SHAFT  
THREE PHASE • TEFC • C-FACE WITH BASE**

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
3/4	3450	56J	<b>116779</b>	\$415	A	24	208-230/460	2.4	75.5	10.81
1	3450	56J	<b>116780</b>	416	A	36	208-230/460	3.2	77.0	10.81
1½	3450	56J	<b>116781</b>	441	A	43	208-230/460	4.2	81.5	11.81
2	3450	56J	<b>116782</b>	482	A	48	208-230/460	5.6	82.5	12.31
3	3450	56J	<b>116783</b>	479	A	50	208-230/460	7.6	84.0	13.25



## PUMP MOTORS

TYPE JM • TOTALLY ENCLOSED FAN COOLED

### JM PUMP MOTORS

#### General Specifications:

Designed for continuous duty service on close-coupled pumps using NEMA JM mounting provisions. All motors have a rigid mounting base and NEMA JM pump shaft.

#### Mechanical Features:

Totally enclosed fan cooled construction for maximum life in dirty or severe environments. Oversized locked bearing on shaft end limits axial shaft movement. Drip covers are available as accessory kits for 143-5JM and 182-4JM motors—see letter designations in the table for the correct kit. LEESON 182-4JM frame motors have enclosed endshields as standard with frame vents meeting the 12° drip-proof requirement.

#### Electrical Features:

High efficiency copper windings with NEMA 1.15 service factors. UL and CSA recognized designs.



**NEW PRICING!**

#### THREE PHASE • TEFC • RIGID BASE • 575V

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575 V.	% F.L. Eff.	"C" Dim. (in.)
1	1740	143JM	160475	\$376	A	41	575	1.3	82.5	14.85
1½	3450	145JM	160476	387	A	39	575	1.7	82.5	14.85
	1740	145JM	160477	392	A	44	575	1.8	84.0	15.35
2	3450	145JM	160478	421	A	42	575	2.3	84.0	15.35
	1740	145JM	160479	442	A	43	575	2.6	84.0	15.35
3	3450	145JM	160480	451	A	45	575	3.7	85.5	15.85
	1740	182JM	151658	459	C	113	575	3.4	85.5	18.68
5	3450	184JM	151662	466	C	120	575	4.8	84.0	18.68
	1740	184JM	151660	466	C	120	575	5.3	84.0	18.68
7½	3450	184JM	151666	592	C	147	575	7.6	85.5	18.68
	1740	213JM	151664	592	C	249	575	7.4	87.5	20.17
10	3450	215JM	151670	692	C	172	575	9.5	85.5	21.67
	1740	215JM	151668	712	C	180	575	9.8	86.5	21.67
15	3450	215JM	151674	971	C	197	575	14.4	89.2	21.67
	1740	254JM	151672	955	C	284	575	14.8	90.2	25.29
20	3450	254JM	151678	1204	C	322	575	19.2	89.5	25.29
	1740	256JM	151676	1230	C	337	575	19.2	91.7	27.00
25	3450	256JM	151535	1822	C	307	575	23.3	91.0	27.00
	1740	284JM	151419	1826	C	370	575	23.6	92.4	27.17
30	3450	284JM	151421	2152	C	375	575	27.7	91.0	27.17
	1740	286JM	151423	2088	C	428	575	28.0	92.4	28.74
40	3450	286JM	151425	2688	C	400	575	37.2	91.7	28.74
	1740	324JM	151427	2743	C	528	575	38.0	93.0	31.33

#### THREE PHASE • TEFC • RIGID BASE • 208-230/460V

NEMA Frame	Catalogue Number	List Price	App. Disc. Sym.	Wgt. (lbs.)	Voltage	F.L. Amps 230 V.	% F.L. Eff.	"C" Dim. (in.)
143JM	160464	\$376	A	41	208-230/460	3.4	82.5	14.85
145JM	160465	387	A	39	208-230/460	4.2	82.5	14.85
145JM	160466	392	A	44	208-230/460	4.6	84.0	15.35
145JM	160467	421	A	42	208-230/460	5.6	84.0	15.35
145JM	160468	442	A	43	208-230/460	6.2	84.0	15.35
145JM	160469	451	A	45	208-230/460	8.0	85.5	15.85
182JM	151657	459	C	113	208-230/460	8.6	85.5	18.68
184JM	151661	466	C	120	208-230/460	12.0	84.0	18.68
184JM	151659	466	C	120	208-230/460	13.2	84.0	18.68
184JM	151665	592	C	147	208-230/460	19.0	85.5	18.68
213JM	151663	592	C	249	208-230/460	18.4	87.5	20.17
215JM	151669	692	C	172	208-230/460	23.8	85.5	21.67
215JM	151667	712	C	180	208-230/460	24.6	86.5	21.67
215JM	151673	971	C	197	208-230/460	36.0	89.2	21.67
254JM	151671	955	C	284	208-230/460	37.0	90.2	25.29
254JM	151677	1204	C	322	208-230/460	48.0	89.5	25.29
256JM	151675	1230	C	337	208-230/460	48.0	91.7	27.00
256JM	151417	1822	C	307	208-230/460	56.4	91.0	27.00
284JM	151418	1826	C	370	208-230/460	58.8	92.4	27.17
284JM	151420	2152	C	375	208-230/460	69.2	91.0	27.17
286JM	151422	2088	C	428	208-230/460	69.8	92.4	28.74
286JM	151424	2688	C	400	208-230/460	93.0	91.7	28.74
324JM	151426	2743	C	528	208-230/460	95.2	93.0	31.33

SHADED FRAME INDICATES CAST IRON CONSTRUCTION



## JM PUMP MOTORS

### General Specifications:

Designed for continuous duty service on close-coupled pumps using NEMA JM mounting provisions. Cast iron motors are round-body and rolled steel motors have a rigid mounting base and NEMA JM pump shaft.



### Mechanical Features:

Open drip-proof construction with cooling air exhausts at the shaft end for maximum cooling. Oversized locked bearing on shaft end limits axial shaft movement. Drip covers are available as an accessory item. LEESON rolled steel 182-4T frame motors have enclosed endshields as standard with vents meeting 12° drip-proof requirement.

### Electrical Features:

High efficiency copper windings with NEMA 1.15 service factors. UL and CSA recognized designs.

## SINGLE PHASE • DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (in.)
1	1740	143JM	<b>120996</b>	\$391	A	42	115/208-230	None	6.4	14.41
1½	1740	145JM	<b>120994</b>	448	A	45	115/208-230	None	8.6	15.41
2	3450	145JM	<b>121190</b>	469	A	47	115/208-230	None	10.5	16.41
	1740	145JM	<b>120995</b>	485	A	45	115/208-230	None	10.5	15.41
3	3500	182JM	<b>131640</b>	803	A	72	115/208-230	None	16.0	16.32
	1760	182JM	<b>131604</b>	647	A	73	230	None	16.8	15.82
5	3500	182JM	<b>131641</b>	892	A	85	230	None	21.0	17.82
	1760	184JM	<b>131605</b>	786	A	82	230	None	21.0	16.32
7½	3450	213JM	<b>140642</b> <sup>1</sup>	884	A	140	230	None	37.0	14.17
	1760	215JM	<b>140665</b> <sup>1</sup>	1068	A	141	230	None	40.5	18.38
10	3450	215JM	<b>140644</b> <sup>1</sup>	927	A	144	230	None	47.0	18.38
	1760	215JM	<b>140666</b> <sup>1</sup>	1235	A	144	230	None	43.0	19.88

1 Cap start/cap run design for reduced amperage

## DRIP COVERS FOR CAST IRON VERTICAL MOUNT



**NEW PRICING!**



Frame	Catalogue Number	List Price	Disc. Sym.	App.Wgt (lbs.)
140	<b>175004</b>	\$40	A	2
180	<b>180Dripcover</b>	85	A	3
210	<b>210Dripcover</b>	92	A	4
250	<b>250Dripcover</b>	109	A	7

See page 86 for Drip Covers for rolled steel motors

## THREE PHASE • DRIP PROOF • RIGID BASE • 575V

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 575V	% F.L. Eff.	"C" Dim. (in.)
3	1740	182JM	<b>151401</b>	\$411	C	100	575	3.4	84.0	16.34
5	3450	182JM	<b>151403</b>	433	C	100	575	4.9	78.0	16.34
	1740	184JM	<b>151405</b>	433	C	105	575	5.5	85.0	16.34
7½	3450	184JM	<b>151407</b>	537	C	105	575	7.0	85.0	16.34
	1740	213JM	<b>151408</b>	520	C	150	575	7.8	88.5	18.35
10	3450	213JM	<b>151410</b>	549	C	150	575	9.6	88.0	18.35
	1740	215JM	<b>151411</b>	592	C	175	575	10.0	89.5	19.84
15	3450	215JM	<b>151412</b>	745	C	175	575	14.0	89.5	19.84
	1740	254JM	<b>151413</b>	798	C	270	575	15.2	88.0	22.87
20	3450	254JM	<b>151414</b>	901	C	270	575	18.8	90.0	22.87
	1740	254JM	<b>151416</b>	1026	C	322	575	19.6	90.0	24.53

## THREE PHASE • DRIP PROOF • RIGID BASE 208-230/460V

NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (in.)
182JM	<b>151400</b>	\$411	C	100	208-230/460	8.4	84.0	16.34
182JM	<b>151402</b>	433	C	100	208-230/460	12.4	78.0	16.34
184JM	<b>151404</b>	433	C	105	208-230/460	13.7	85.0	16.34
184JM	<b>151406</b>	537	C	105	208-230/460	17.6	85.0	16.34
213JM	<b>151359</b>	520	C	150	208-230/460	19.6	88.5	18.35
213JM	<b>151409</b>	549	C	150	208-230/460	24.0	88.0	18.35
215JM	<b>151360</b>	592	C	175	208-230/460	25.0	89.5	19.84
215JM	<b>151380</b>	745	C	175	208-230/460	35.0	89.5	19.84
254JM	<b>151361</b>	798	C	270	208-230/460	38.0	88.0	22.87
254JM	<b>151381</b>	901	C	270	208-230/460	47.0	90.0	22.87
254JM	<b>151415</b>	1026	C	322	208-230/460	49.0	90.0	24.53

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

Catalogue numbers in blue are NEW items.





## JP PUMP MOTORS

### SINGLE & THREE PHASE

### JP PUMP MOTORS



#### General Specifications:

For use with close-coupled pumps having NEMA JP mounting and shaft dimensions. In such applications, the pump impeller is mounted directly on the motor shaft. Designed for continuous duty service. All motors listed are 1.15 Service Factor.

#### Mechanical Features:

Open drip-proof construction with rigid base mounting. Locked bearing on shaft end limits axial shaft movement. For use where the environment is relatively clean and dry. For outdoor use, an enclosure or drip cover may be preferred. See the Drip Cover Kit table. Some 182-4JP frame motors have enclosed endshields as standard with frame meeting the 12° drip-proof requirement. No drip cover is needed, or shown in the table, for these motors.

#### Electrical Features:

UL Recognized and CSA Certified. Single phase designs are capacitor start, induction run.

### SINGLE PHASE • DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over load Prot.	F.L. Amps 230V	"C" Dim. (Inches)	Drip Cover Kit Ref.
5	3450	184JP	<b>131881</b>	\$584	A	92	230	None	22.0	19.38	...
7½	3450	213JP	<b>140646</b>	788	A	140	230	None	37.0	14.17	C
10	3450	215JP	<b>140647</b>	1066	A	157	230	None	47.0	15.67	C

### THREE PHASE • DRIP-PROOF • RIGID BASE

HP	RPM 60 Hz	NEMA Frame	Catalog Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	% F.L. Eff.	F.L. Amps 230V	"C" Dim. (Inches)	Drip Cover Kit Ref.
1½	1725	145JP	<b>121846</b>	\$217	A	35	208-230/460	80.0	4.8	16.18	A
2	1725	145JP	<b>121847</b>	298	A	39	208-230/460	81.5	6.2	17.18	A
3	3450	145JP	<b>121849</b>	291	A	37	208-230/460	84.0	8.9	16.68	A
	1725	182JP	<b>131882</b> †*	439	A	52	208-230/460	80.0	10.0	16.88	E
5	3450	182JP	<b>131884</b>	500	A	55	208-230/460	82.5	13.2	17.88	E
	1725	182JP	<b>131883</b>	486	A	64	208-230/460	84.0	14.2	17.38	E
7½	3450	184JP	<b>131885</b>	565	A	78	208-230/460	84.0	18.4	18.88	E
	1760	213JP	<b>140667</b>	870	A	96	208-230/460	88.5	20.0	20.76	D
10	3450	213JP	<b>140655</b>	882	A	136	208-230/460	85.5	27.6	22.18	C
	1760	215JP	<b>140668</b>	953	A	125	208-230/460	89.5	28.0	21.76	D
15	3450	215JP	<b>140656</b>	968	A	117	208-230/460	86.5	42.0	23.68	C
	1760	254JP	<b>801051</b>	996	A	155	208-230/460	87.5	43.0	25.29	...
20	3500	254JP	<b>801056</b>	939	A	159	208-230/460	88.5	52.6	25.29	...
	1760	256JP	<b>801052</b>	1194	A	210	208-230/460	88.5	56.4	27.04	...
25	3525	256JP	<b>801057</b>	1403	A	166	208-230/460	89.5	66.0	27.04	...
	1760	284JP	<b>801053</b>	2091	A	306	230/460	87.5	66.0	27.18	...
30	3525	284JP	<b>801058</b>	2117	A	315	230/460	88.5	73.0	27.18	...
	1760	286JP	<b>801054</b>	2192	A	320	230/460	89.5	79.0	28.68	...
40	3550	286JP	<b>801059</b>	2154	A	360	230/460	88.5	100.0	28.68	...
	1760	324JP	<b>801055</b>	2733	A	491	230/460	93.0	97.0	29.12	...
50	3550	324JP	<b>801060</b>	2339	A	450	230/460	89.5	124.0	29.12	...

† Class F insulated.

\* F1 mounting only.

### DRIP COVER KITS FOR JP PUMP MOTORS

Kit Ref.	Frame	Catalog Number	Enclosure	List Price
A	56-145JP	<b>175932</b>	ODP or TEFC	\$51
B	182JP-184JP	<b>175933</b>	ODP	85
C	213JP-215JP	<b>175305</b>	ODP	100
D	213JP-215JP	<b>175846</b>	ODP	100
E	182JP-184JP	<b>175614</b>	ODP	85

SHADED FRAME INDICATES CAST IRON CONSTRUCTION