

JET PUMP MOTORS



ODP

SINGLE PHASE

These versatile motors have the torque and durability for the toughest commercial applications, yet are also economical choices for residential applications. The motors are available with or without base and in Form J or C configurations.



TEFC

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

- Commercial and Industrial pumps
- Residential pumps (Jacuzzis, pools, hot tubs)
- Jet Pump motor system
- Hydraulic pumps

STANDARD FEATURES

- Single-phase, 11 pole, 60Hz
- Voltage: 115/208-230V
- Squirrel cage rotor
- Start capacitor
- Sealed ball bearings (drive end)
- Fan cooled (internally)
- Service factor according to NEMA standard MG 1-18.329
- Insulation class 'B' (130°C)
- Automatic Thermal Overload (ATO)
- Continuous duty (S1), 40°C ambient
- Standard: NEMA-MG 1-18.326
- Stainless steel shaft end
- Color: Munsell N1 (Black)

OPTIONAL FEATURES

- IV pole
- Class "F" insulation
- Special voltages
- Drip cover
- Rotation: CW (viewed from shaft end)
- Other mounting configurations



APPROVED BY

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E 104590

LR 38324

All motors are tested according to IEEE 12 Std. – Method 'B' or C390 CSA.

THREADED – WITH BASE – ODP 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
1/3	3600	56J	.3336OS1BJP56J	254	P1B	21	1.75	3.50	10.723	115/208-230V	§
1/2	3600	56J	.5036OS1BJP56J	258	P1B	24	1.60	4.70	11.126	115/208-230V	§
3/4	3600	56J	.7536OS1BJP56J	296	P1B	32	1.50	5.70	11.913	115/208-230V	§
1	3600	56J	00136OS1BJP56J	334	P1B	36	1.40	6.10	12.031	115/208-230V	§
1 1/2	3600	56J	00156OS1BJP56J	382	P1B	40	1.30	8.50	13.212	115/208-230V	§
2	3600	56HJ	00236OS1BJP56J	438	P1B	48	1.20	10.8	14.000	115/208-230V	§
3	3600	56HJ	00336OS1DJP56J	499	P1B	53	1.15	13.8	14.787	230V	§

- ELECTRICAL FEATURES ON PAGE B-28.
- MECHANICAL FEATURES ON PAGE B-81.

§ = Automatic Thermal Overload



THREADED – LESS BASE – ODP 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	56J	.5036OS1BJPR56J	258	P1B	24	1.60	4.70	11.126	115/208-230V	§
3/4	3600	56J	.7536OS1BJPR56J	296	P1B	32	1.50	5.70	11.913	115/208-230V	§
1	3600	56J	00136OS1BJPR56J	334	P1B	36	1.40	6.10	12.031	115/208-230V	§
1 1/2	3600	56J	00156OS1BJPR56J	382	P1B	40	1.30	8.50	13.212	115/208-230V	§
2	3600	56HJ	00236OS1BJPR56J	438	P1B	48	1.20	10.8	14.000	115/208-230V	§
3	3600	56HJ	00336OS1DJPR56J	499	P1B	53	1.15	13.8	14.787	230V	§

• ELECTRICAL FEATURES ON PAGE B-28. • MECHANICAL FEATURES ON PAGE B-81.



KEYED – 'C' FACE LESS BASE – ODP 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
1/3	3600	56C	.3336OS1BJPR56C	237	P1A	21	1.75	3.50	10.232	115/208-230V	§
1/2	3600	56C	.5036OS1BJPR56C	255	P1A	24	1.60	4.70	10.826	115/208-230V	§
3/4	3600	56C	.7536OS1BJPR56C	297	P1A	32	1.50	5.70	11.413	115/208-230V	§
1	3600	56C	00136OS1BJPR56C	317	P1A	36	1.40	6.10	11.531	115/208-230V	§
1 1/2	3600	56C	00156OS1BJPR56C	338	P1A	40	1.30	8.50	12.712	115/208-230V	§
2	3600	56HC	00236OS1BJPR56C	424	P1A	48	1.20	10.8	13.500	115/208-230V	§
3	3600	56HC	00336OS1DJPR56C	482	P1A	53	1.15	13.8	14.287	230V	§

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THREADED – WITH BASE – TEFC 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
1/3	3600	56J	.3336ES1BJP56J	282	P1B	36	1.15	2.80	11.996	115/208-230V	§
1/2	3600	56J	.5036ES1BJP56J	300	P1B	40	1.15	3.80	11.996	115/208-230V	§
3/4	3600	56J	.7536ES1BJP56J	330	P1B	41	1.15	5.30	11.996	115/208-230V	§
1	3600	56J	00136ES1BJP56J	374	P1B	46	1.15	6.30	13.150	115/208-230V	§
1 1/2	3600	56J	00156ES1BJP56J	425	P1B	56	1.15	8.50	13.150	115/208-230V	§
2	3600	56HJ	00236ES1BJP56J	486	P1B	65	1.15	10.5	14.330	115/208-230V	§
3	3600	56HJ	00336ES1DJP56J	557	P1B	78	1.00	13.5	14.724	230V	§

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THREADED – LESS BASE – TEFC SINGLE-PHASE

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1/3	3600	56J	.3336ES1BJPR56J	296	P1B	36	1.15	2.80	11.996	115/208-230V	§
1/2	3600	56J	.5036ES1BJPR56J	305	P1B	40	1.15	3.80	11.996	115/208-230V	§
3/4	3600	56J	.7536ES1BJPR56J	336	P1B	41	1.15	5.30	11.996	115/208-230V	§
1	3600	56J	00136ES1BJPR56J	386	P1B	46	1.15	6.30	13.150	115/208-230V	§
1 1/2	3600	56J	00156ES1BJPR56J	438	P1B	56	1.15	8.50	13.150	115/208-230V	§
2	3600	56HJ	00236ES1BJPR56J	498	P1B	65	1.15	10.5	14.330	115/208-230V	§
3	3600	56HJ	00336ES1DJPR56J	573	P1B	78	1.00	13.5	14.724	230V	§

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KEYED – 'C' FACE WITH BASE – TEFC 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
1/3	3600	56C	.3336ES1BJP56C	263	P1A	36	1.15	2.80	11.496	115/208-230V	§
1/2	3600	56C	.5036ES1BJP56C	284	P1A	40	1.15	3.80	11.496	115/208-230V	§
3/4	3600	56C	.7536ES1BJP56C	320	P1A	41	1.15	5.30	11.496	115/208-230V	§
1	3600	56C	00136ES1BJP56C	344	P1A	46	1.15	6.30	12.677	115/208-230V	§
1 1/2	3600	56C	00156ES1BJP56C	412	P1A	56	1.15	8.50	12.677	115/208-230V	§
2	3600	56HC	00236ES1BJP56C	487	P1A	65	1.15	10.5	13.858	115/208-230V	§
3	3600	56HC	00336ES1DJP56C	548	P1A	78	1.00	13.5	14.252	230V	§

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KEYED – 'C' FACE LESS BASE – TEFC 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
1/3	3600	56C	.3336ES1BJPR56C	282	P1A	36	1.15	2.80	11.496	115/208-230V	§
1/2	3600	56C	.5036ES1BJPR56C	299	P1A	40	1.15	3.80	11.496	115/208-230V	§
3/4	3600	56C	.7536ES1BJPR56C	341	P1A	41	1.15	5.30	11.496	115/208-230V	§
1	3600	56C	00136ES1BJPR56C	357	P1A	46	1.15	6.30	12.677	115/208-230V	§
1 1/2	3600	56C	00156ES1BJPR56C	432	P1A	56	1.15	8.50	12.677	115/208-230V	§
2	3600	56HC	00236ES1BJPR56C	494	P1A	65	1.15	10.5	13.858	115/208-230V	§
3	3600	56HC	00336ES1DJPR56C	555	P1A	78	1.00	13.5	14.252	230V	§

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