



Open Dripproof,
JM Threaded



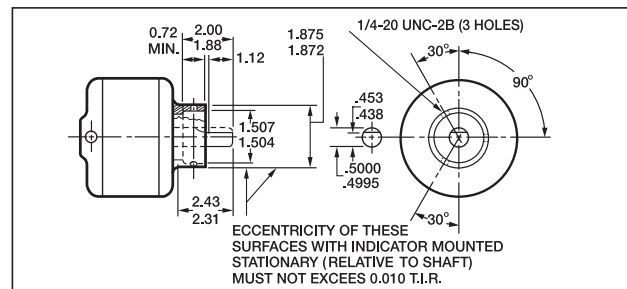
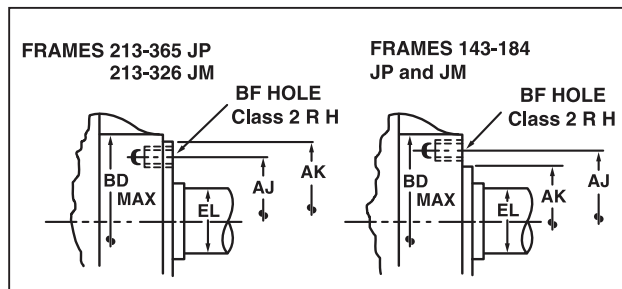
3-Phase NEMA Premium® Energy-Efficient Close- Coupled Pump Motors

- Rotation: CW/CCW
- Thermal protection: none
- Voltage: 208-230/460V
- Service factor: 1.25 Open enclosure, 1.15 for Totally Enclosed models
- Insulation: Class F, with B temperature rise for longer life
- Inverter rated
- Mounting: face/base
- Max. ambient temp.: 40°C

Close-coupled motors meet or exceed NEMA Premium requirement for energy efficiency. For additional ratings, see Grainger.com®. For use in water pumping, process, transfer, and circulating pumps. TEFC motors are designed for severe-duty applications. All motors are UL Recognized and CSA Certified.

HP	Nameplate RPM	Frame	Full Load Amps	Nom. Efficiency	Item No.
Open Dripproof, JP Threaded, Rolled Steel Frame					
1	1760	143/5JP	3.3-3.0/1.5	85.5%	33HN17
1½	3495	143/5JP	4.0-3.7/1.8	84.0%	33HN21
	1755	143/5JP	4.5-4.1/2.0	86.5%	33HN26
2	3510	143/5JP	5.3-4.8/2.4	85.5%	33HN35
	1745	143/5JP	5.9-5.3/2.6	86.5%	33HN31
3	3475	143/5JP	7.9-7.1/3.5	85.5%	33HN45
	3475	182/4JP	8.5-7.7/3.8	89.5%	33HN40
5	3510	182/4JP	13.5-12.2/6.1	86.5%	33HN55
	1750	182/4JP	14.0-12.7/6.3	89.5%	33HN50
	3500	182/4JP	19.2-17.3/8.6	88.5%	33HN66
7½	1760	213/5JP	20.5-18.5/9.2	91.0%	33HN61
	3530	213/5JP	26.5-24.0/12.0	89.5%	33HN78
10	1760	213/5JP	27.4-24.8/12.4	91.7%	33HN72
15	3525	213/5JP	38.0-34.4/17.2	90.2%	33HN84
Open Dripproof, JP Threaded, Cast-Iron Frame					
15	1775	254JP	33.5-37.2/18.6	93.0%	4EUN5
	3520	254JP	44.3-49.2/24.6	91.0%	4EUN6
20	1775	256JP	45.5-50.6/25.3	93.0%	4EUN7
	3530	256JP	53.6-59.6/29.8	91.7%	4EUN8
25	1770	284JP	53.8-59.8/29.9	93.6%	4EUN9
	3530	284JP	63.4-70.4/35.2	92.4%	4EUP1
30	1770	286JP	63.7-70.8/35.4	94.1%	4EUP2
	3535	286JP	84.8-94.2/47.1	93.0%	4EUP3
40	1775	324JP	91.3-96.4/48.2	94.1%	4EUP4
	3555	324JP	106.2-118.2/59.1	93.6%	4EUP5
50	1775	326JP	110.5-122.8/61.4	94.5%	4EUP7
	3555	326JP	127.8-142.0/71.0	93.6%	4EUP8
60	1780	364JP	126.0-139.8/69.9	95.0%	4EUR1
	3550	364JP	146.7-163.0/81.5	94.1%	4EUR3
75	1780	365JP	153.9-171.0/85.5	95.0%	4EUR5
	3550	365JP	199.8-222.0/111.0	94.5%	4EUR7
100	1780	404JP	207.0-230.0/115.0	95.4%	4EUR9
Open Dripproof, JM Threaded, Rolled Steel Frame					
1	1760	143/JM	3.3-3.0/1.5	85.5%	33HN16
1½	3495	143/JM	4.0-3.7/1.8	84.0%	33HN20
	1755	143/JM	4.5-4.1/2.0	86.5%	33HN25
2	3475	143/JM	7.9-7.1/3.5	85.5%	33HN44
	1765	182/4JM	8.5-7.7/3.8	89.5%	33HN39
3	3510	182/4JM	13.5-12.2/6.1	86.5%	33HN54
	1750	182/4JM	14.0-12.7/6.3	89.5%	33HN49
5	3500	182/4JM	19.2-17.3/8.6	88.5%	33HN65
7½	1760	213/JM	20.5-18.5/9.2	91.0%	33HN77
	3530	213/JM	26.5-24.0/12.0	89.5%	33HN83
10	3525	213/JM	38.0-34.4/17.2	90.2%	33HN83
15	3520	254/JM	52.6-47.6/23.8	91.0%	33HT95
20	3530	254/JM	64.4-58.2/29.1	91.7%	33HU02
Open Dripproof, JM Threaded, Cast-Iron Frame					
15	1775	254JM	41.1-37.2/18.6	93.0%	4EUU7
20	1775	256JM	55.3-50.0/25.0	93.0%	4EUU9
25	1770	284JM	66.1-59.8/29.9	93.6%	4EUU2
30	3530	284JM	76.7-70.4/35.2	92.4%	4EUU3
40	1775	324JM	78.3-70.8/35.4	94.1%	4EUU4
	1775	324JM	107.0-96.4/48.2	94.1%	4EUU6
50	3555	324JM	131.0-118.0/59.1	93.6%	4EUU7
	1775	326JM	132.0-122.8/61.4	94.5%	4EUU9
60	3555	326JM	157.0-142.0/71.0	93.6%	4EUU1
	1780	364JM	155.0-140.0/69.9	95.0%	4EUU3
75	3550	364JM	180.0-163.0/81.5	94.1%	4EUU5
	1780	365JM	189.0-171.0/85.5	95.0%	4EUU7

HP	Nameplate RPM	Frame	Full Load Amps	Nom. Efficiency	Item No.
Totally Enclosed Fan-Cooled, JP Threaded, Cast-Iron Frame					
1	1765	143JP	3.1-2.8/1.4	85.5%	6FJX9
1½	3495	143JP	4.2-3.8/1.9	84.0%	6FJY0
	1760	145JP	4.3-4.0/2.0	86.5%	6FJY1
2	3490	145JP	5.6-4.0/2.5	85.5%	6FJY2
	1755	145JP	5.7-5.2/2.6	86.5%	6FJY3
3	3510	182JP	8.1-7.2/3.6	86.5%	6FJY4
	1760	182JP	8.5-7.7/3.8	89.5%	6FJY5
5	3510	182JP	13.1-11.8/5.9	88.5%	6FJY6
	1755	184JP	14.3-12.9/6.4	89.5%	6FJY7
	3530	213JP	19.4-17.5/8.7	89.5%	6FJY8
7½	1770	213JP	19.9-18.0/9.0	91.7%	6FJY9
10	3530	215JP	25.7-23.2/11.6	90.2%	6FJZ0
	1765	215JP	27.4-24.8/12.4	91.7%	6FJZ1
15	3535	254JP	37.6-34.4/17.2	91.0%	6FJZ2
	1765	254JP	39.8-36.0/18.0	92.4%	6FJZ3
20	3530	256JP	51.3-46.4/23.2	91.0%	6FJZ4
	1765	256JP	53.3-48.2/24.1	93.0%	6FJZ5
25	3555	284JP	63.0-57.0/28.5	91.7%	6FJZ6
	1770	284JP	65.2-59.0/29.5	93.6%	6FJZ7
30	3530	286JP	74.8-67.6/33.8	91.7%	6FJZ8
	1765	286JP	77.6-70.2/35.1	93.6%	6FJZ9
40	3555	324JP	101.0-91.6/45.8	92.4%	6FKA0
	1775	324JP	107.0-96.4/48.2	94.1%	6FKA1
50	3550	326JP	124.0-112.0/56.1	93.0%	6FKA2
	1780	326JP	131.0-118.0/59.2	94.5%	6FKA3
60	3560	364/5JP	148.0-134.0/67.0	93.6%	6FKA4
	1780	364/5JP	151.0-137.0/68.3	95.0%	6FKA5
75	3560	364/5JP	181.0-164.0/81.9	93.6%	6FKA7
	1775	364/5JP	186.0-168.0/84.1	95.4%	6FKA8
100	3550	404/5JP	243.0-220.0/110.0	94.1%	6FKA9
	1775	404/5JP	245.0-222.0/111.0	95.4%	6FKC1
Totally Enclosed Fan-Cooled, JM Threaded, Cast-Iron Frame					
1	1765	143JM	3.7-2.8/1.4	85.5%	6FKC3
1½	3495	143JM	4.2-3.8/1.9	84.0%	6FKC4
	1760	145JM	4.3-4.0/2.0	86.5%	6FKC5
2	1755	145JM	5.7-5.2/2.6	86.5%	6FKC7
3	3510	182JM	8.1-7.2/3.6	86.5%	6FKC8
	1760	182JM	8.5-7.7/3.8	89.5%	6FKC9
5	3510	184JM	13.1-11.8/5.9	88.5%	6FKD0
	1755	184JM	14.3-12.9/6.4	89.5%	6FKD1
7½	3530	213JM	19.4-17.5/8.7	89.5%	6FKD2
	1770	213JM	19.9-18.0/9.0	91.7%	6FKD3
10	3530	215JM	25.7-23.2/11.6	90.2%	6FKD4
	1765	215JM	27.4-24.8/12.4	91.7%	6FKD5
15	3535	254JM	37.6-34.4/17.2	91.0%	6FKD6
	1765	254JM	39.8-36.0/18.0	92.4%	6FKD7
20	3530	256JM	51.3-46.4/23.2	91.0%	6FKD8
	1765	256JM	53.3-48.2/24.1	93.0%	6FKD9
25	3555	284JM	63.0-57.0/28.5	91.7%	6FKE0
	1770	284JM	65.2-59.0/29.5	93.6%	6FKE1
30	3530	286JM	74.8-67.6/33.8	91.7%	6FKE2
	1765	286JM	77.6-70.2/35.1	93.6%	6FKE3
40	3555	324JM	101.0-91.6/45.8	92.4%	6FKE4
	1775	324JM	107.0-96.4/48.2	94.1%	6FKE5
50	3550	326JM	124.0-112.0/56.1	93.0%	6FKE6
	1780	326JM	131.0-118.0/59.2	94.5%	6FKE7
60	3560	364/5JM	148.0-134.0/67.0	93.6%	6FKE8
	1780	364/5JM	151.0-137.0/68.3	95.0%	6FKE9
75	3560	364/5JM	181.0-164.0/81.9	93.6%	6FKF1
	1775	364/5JM	186.0-168.0/84.1	95.4%	6FKF2
100	3555	405TCZ	243.0-220.0/110.0	94.1%	6FKF3
	1775	405TCZ	245.0-222.0/111.0	95.4%	6FKF5



Frame Designations	U	EL	EM	EN	EQ	ET	AH	AJ	AK	BD	BF
143JM/145JM	¾"	1½"	1"	¾-16 x ¾"	¾"	2½"	4¼"	5¼"	4½"	6½"	¾-16"
143JP/145JP	¾"	1½"	1"	¾-16 x ¾"	¾"	2½"	4¼"	5¼"	4½"	6½"	¾-16"
182JM/184JM	¾"	1¾"	1"	¾-16 x ¾"	¾"	2½"	4¼"	5¼"	4½"	6½"	¾-16"
182JP/184JP	¾"	1¾"	1"	¾-16 x ¾"	¾"	2½"	4¼"	5¼"	4½"	6½"	¾-16"
213JM/215JM	¾"	1¾"	1"	¾-16 x ¾"	¾"	2½"	4¼"	7¼"	8½"	9"	¾-13"
213JP/215JP	1¼"	1¾"	1¾"	½-13 x 1"	2¾"	5½"	8½"	7¼"	8½"	9"	¾-13"
254JM/256JM	1¼"	1¾"	1¾"	½-13 x 1"	¾"	3"	5¼"	7¼"	8½"	9¼"	¾-13"
254JP/256JP	1¼"	1¾"	1¾"	½-13 x 1"	2¾"	5½"	8½"	7¼"	8½"	9"	¾-13"
284JM/286JM	1¼"	1¾"	1¾"	½-13 x 1"	¾"	3"	5¼"	11"	12½"	10"	¾-11"
284JP/286JP	1¼"	1¾"	1¾"	½-13 x 1"	2¾"	5½"	8½"	11"	12½"	10"	¾-11"

Frame Designations	U	EL	EM	EN	EQ	ET	AH	AJ	AK	BD	BF
324JM	1¼"	1¾"	1¾"	½-13 x 1"	¾"	3"	5¼"	11"	12½"	14"	¾-11"
324JP	1¼"	1¾"	1¾"	½-13 x 1"	2¾"	5½"	8½"	11"	12½"	14"	¾-11"
326JM	1¼"	1¾"	1¾"	½-13 x 1"	¾"	3"	5¼"	11"	12½"	14"	¾-11"
326JP	1¼"	1¾"	1¾"	½-13 x 1"	2¾"	5½"	8½"	11"	12½"	14"	¾-11"
364JM	1¼"	1¾"	1¾"	½-13 x 1"	¾"	3"	5¼"	11"	12½"	14"	¾-11"
364JP	1¾"	2½"	1¾"	½-13 x 1"	2¾"	5½"	8½"	11"	12½"	14"	¾-11"
365JM	1¼"	1¾"	1¾"	½-13 x 1"	¾"	3"	5¼"	11"	12½"	14"	¾-11"
365JP	1¾"	2½"	1¾"	½-13 x 1"	2¾"	5½"	8½"	11"	12½"	14"	¾-11"
404JP/405JP	1¾"	2½"	1¾"	½-13 x 2"	2¾"	5½"	8½"	11"	12½"	15½"	¾-11"