



Elektrim NEMA Premium[®] JM/JP Close Coupled Pump Motors

Powerful Pump Action Performance for Fluid Handling Applications

1-60 HP 3PH TEFC 60 Hz NEMA AC Foot Mounted C-Face Motors

Features

- Inverter Duty Rated: 20:1VT
- Service Factor: up to 1.4
- Design: "B" or "A"
- Protection Degree: IP55
- Enclosure: TEFC Rigid Cast Iron Frame
- Warranty: 3-Years
- High locked rotor torque
- VPI applied for best electrical performance
- 230/460V 60Hz, usable at 208V 60Hz
- Double rated for 190/380V 50Hz
- Oversized double-shielded bearings
- Mechanically locked on shaft
- Motors 213JM/JP and larger suitable for Y/D starting at both 460V and 230V
- Class "F" insulation with rise below Class "B"
- Steel Fan Guard
- Designed for horizontal and vertical application
- F1 / F2 Convertible up to 286JM/JP frame
- CSA-US certified, DOE approved, CE and NEMA Premium marked

Applications

Designed for continuous duty on close coupled pumps with NEMA JM/JP mounting dimensions which are ideal for fluid circulation and transfer applications ranging from treatment plants to swimming pools.



Maximum Performance in Your Toughest Industrial Applications

Part Number	HP	RPM	Frame	Torque			FLA			LRA		Efficiency			Power Factor			NEMA Design	Code	SF	WK ² lb ft ²	lbs
				FLT lb-ft	LRT %	BDT %	460V	575V	208V	460V	575V	FL	75%	50%	FL	75%	50%					
20JM-3-1-18	1	1765	143JM	3	300	320	1.4	1.1	3.1	12.9	10.3	85.5	84.5	81.3	78	70	57	B	M	1.4	0.09	53
20JM-3-1.5-36	1.5	3540	143JM	2.2	350	410	2.1	1.7	4.6	20	16	84.5	83.2	79.8	78	69	57	B	M	1.4	0.07	56
20JM-3-1.5-18		1750	145JM	4.5	300	400	2	1.6	4.4	16.6	13.3	87	86.8	85	79	72	59	B	K	1.4	0.1	57
20JM-3-2-36	2	3525	145JM	3	360	400	2.7	2.2	6.0	25.4	20.3	86	85.7	83.3	82	75	62	B	L	1.4	0.08	57
20JM-3-2-18		1745	145JM	6	260	340	2.6	2.1	5.8	19.2	15.4	86.5	87.1	85.8	83	77	64	B	J	1.4	0.13	59
20JM-3-3-36	3	3500	182JM	4.5	310	320	4	3.2	8.8	32	25.6	86.5	86.4	84.4	82	76	65	B	K	1.4	0.12	76
20JM-3-3-18		1775	182JM	8.9	320	400	4.2	3.4	9.3	38	30.4	89.5	88.5	85.8	75	67	54	A	M	1.4	0.27	102
20JM-3-5-36	5	3535	184JM	7.4	450	530	6.2	5.0	13.7	73	58.4	89	88.6	86.7	85	80	68	A	N	1.4	0.2	102
20JM-3-5-18		1770	184JM	14.8	300	380	6.7	5.4	14.8	61	48.8	89.5	89.2	87.6	78	71	58	A	L	1.3	0.34	108
20JM-3-7.5-36	7.5	3525	213JM	11.2	290	315	8.5	6.8	18.8	76	60.8	90	90	88.7	92	89	81	A	K	1.3	0.45	159
20JM-3-7.5-18		1765	213JM	22.3	240	290	9.3	7.4	20.6	71	56.8	91.7	91.6	90.5	82	78	67	A	J	1.3	0.87	167
20JM-3-10-36	10	3535	215JM	14.8	300	335	11.4	9.1	25.2	93	74.4	90.2	90.4	89.3	91	88	80	A	J	1.3	0.5	173
20JM-3-10-18		1770	215JM	29.6	230	280	12.5	10.0	27.6	87	69.6	91.7	91.7	90.4	82	77	66	A	H	1.3	0.99	185
20JM-3-15-36	15	3540	254JM	22.3	240	250	17.6	14.1	38.9	112	90	91.7	91.8	90.5	87	85	77	B	G	1.3	1.15	258
20JM-3-15-18		1775	254JM	44.3	380	440	17.3	13.8	38.3	168	134.4	92.4	92	90.7	88	84	76	A	K	1.3	2.89	301
20JM-3-20-36	20	3540	256JM	29.7	230	260	22.9	18.3	50.6	138	110	92	92.4	91.7	89	88	82	B	F	1.3	1.47	306
20JM-3-20-18		1775	256JM	59.1	380	450	22.9	18.3	50.6	230	184	93	92.7	91.4	88	84	76	A	L	1.2	3.57	390
20JM-3-25-36	25	3555	284JM	36.9	260	300	29.5	23.6	65.2	205	164	92.4	92.4	91.3	86	82	74	A	H	1.2	1.72	348
20JM-3-25-18		1780	284JM	73.7	380	420	30.5	24.4	67.5	300	240	93.6	93.1	91.6	82	76	66	A	L	1.2	3.59	397
20JM-3-30-36	30	3540	286JM	44.5	250	300	35.2	28.2	77.8	215	172	91.7	92	91.2	87	85	80	A	G	1.2	1.92	390
20JM-3-30-18		1780	286JM	88.4	370	390	37.5	30.0	82.9	350	280	93.6	93	91.3	80	73	61	A	L	1.2	3.84	441
20JM-3-40-36	40	3552	324JM	59	145	200	44	35	97.3	290	232	93	93.6	93.3	92	91	88	B	G	1.2	4	608
20JM-3-40-18		1780	324JM	118	240	270	45	36	99.5	290	232	94.1	94.7	94.3	88	86	78	B	G	1.3	9.3	690
20JM-3-50-36	50	3552	326JM	74	145	200	55	44	121.6	362	290	93	93.7	93.5	92	92	89	B	G	1.2	4.7	655
20JM-3-50-18		1781	326JM	148	250	270	56	45	123.8	362	290	94.5	95.1	94.9	88	85	78	B	G	1.3	11.6	769
20JM-3-60-36	60	3562	364JM	88.5	125	200	65	52	143.8	435	348	93.6	94.1	93.8	92	91	87	B	G	1.2	6.5	860
20JM-3-60-18		1786	364JM	177	140	200	67	54	148.2	435	348	95	95.6	95.3	88	87	80	B	G	1.2	15.5	926

JP part number prefix = 20JP

High Efficiency TEFC JM/JP Motors for ODP Replacement – 1-30 HP

TEFC NEMA JM/JP motors designed to replace ODP motors in continuous duty close coupled pumps fluid circulation and transfer applications ranging from treatment plants to swimming pools.

Part Number	HP	RPM	Frame	Torque			FLA		LRA		Efficiency			Power Factor			NEMA Design	Code	SF	WK ² lb ft ²	lbs
				FLT lb-ft	LRT %	BDT %	230V	460V	230V	460V	FL	75%	50%	FL	75%	50%					
20JM-3-1.5-18/PR	1.5	1745	143J	4.5	200	210	3.8	1.9	25	12.5	84	83	79.8	86	78	65	B	H	1	0.1	57
20JM-3-2-36/PR	2	3495	143J	3.0	270	310	5.4	2.7	40.6	20.3	84	83.2	79.8	84	75	63	B	K	1	0.08	57
20JM-3-2-18/PR		1745	145J	6.0	220	300	5	2.5	33	16.5	84	84.3	82.8	88	81	69	B	H	1	0.13	59
20JM-3-3-36/PR	3	3470	145J	4.6	240	270	7.4	3.7	51	25.5	85.5	85.7	83.3	89	82	70	B	H	1	0.12	76
20JM-3-5-18/PR	5	1750	182J	15.0	190	240	12.8	6.4	76.8	38.4	87.5	86.5	83.8	84	76	63	B	G	1	0.34	108
20JM-3-7.5-36/PR	7.5	3490	184J	11.3	300	350	17.8	8.9	146	73	88.5	88.6	86.7	89	84	72	B	J	1	0.45	159
20JM-3-10-36/PR	10	3490	213J	15.0	220	240	22.4	11.2	152.4	76.2	89.5	90	88.7	93	90	82	B	G	1	0.5	173
20JM-3-10-18/PR		1750	213J	30.0	170	190	23.8	11.9	142.8	71.4	89.5	89.4	88.3	88	84	73	B	G	1	0.99	185
20JM-3-15-36/PR	15	3500	215J	22.5	200	220	32.8	16.4	187	93.5	90.2	90.4	89.3	95	92	84	B	E	1	1.15	258
20JM-3-20-36/PR	20	3500	254J	30.0	180	190	47.2	23.6	221.8	110.9	90.2	90.3	89	88	86	78	B	D	1	1.47	306
20JM-3-20-18/PR		1760	254J	59.6	280	330	43.8	22.4	336	168	91	90.6	89.3	92	88	80	B	H	1	3.57	390
20JM-3-25-36/PR	25	3500	256J	37.5	180	210	57.2	28.6	274.6	137.3	91	91.7	91	90	89	83	B	D	1	1.72	348
20JM-3-25-18/PR		1755	256J	74.7	300	360	55.6	27.8	461.4	230.7	92.4	92.7	92.4	91	77	69	B	J	1	3.59	397
20JM-3-30-36/PR	30	3505	284J	44.9	210	250	68.8	34.4	598.6	299.3	91.7	91.7	90.6	89	85	77	B	J	1	1.92	390

JP part number prefix = 20JP

CSA-US certified and CE marked only.

SOLUTIONS TO MEET YOUR NEEDS

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