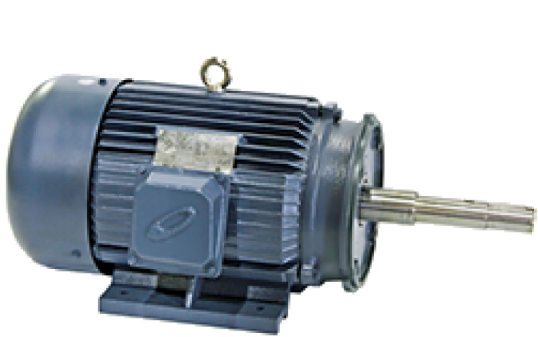




MaxMotion

JPP-31

1HP to 50HP JM & JP Close Coupled High Efficiency NEMA 12-11 Motors

HP	10	Frame	215JP
RPM	3600	Enclosure	TEFC
Voltage	575	Phase	3 Phase

Close-coupled pumps when the pump impeller is required to be mounted directly on the motor shaft in damp and dirty environments, and operating directly across the line or from a variable frequency inverter.

S.F. @ 60HZ = 1.15

FLA		SYNC. RPM	F.L. RPM	EFF.	P.F.	DESIGN	CODE
NA	575						
NA	9.2	3600	3500	89.5%	0.9	B	H

S.F. @ 50HZ = 1.0

FLA		SYNC. RPM	F.L. RPM	EFF.	P.F.	CODE
190V	380V					
NA	NA	NA	NA	NA	NA	NA

WGT. LBS	PH	DUTY	INSL	AMB	ELEVATION
152	3	CONTINUOUS	F	40	3300FT

% EFFICIENCY		% POWER FACTOR		TORQUE	
FULL LOAD:	89.5	FULL LOAD:	90.0	FULL LOAD LBS-FT	14.9
3/4 LOAD:	88.8	3/4 LOAD:	86.0	LOCKED ROTOR %	225
1/2 LOAD:	86.0	1/2 LOAD:	76.0	BREAK DOWN %	270

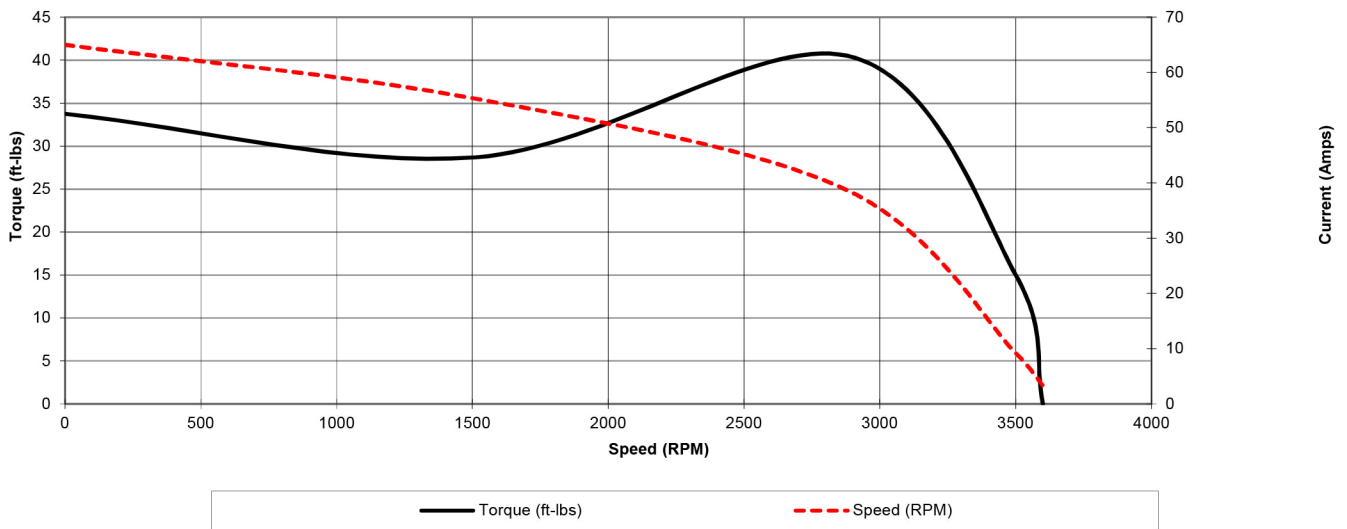
ROTOR INERTIA Wk²	MAX LOAD INERTIA Wk²	SHAFT MATERIAL	FRAME MATERIAL	DE BRACKET TYPE	ODE BRACKET TYPE	SEVERE DUTY
0.31	16	STANDARD	CAST IRON	C FACE	STANDARD	IP55

BALL BEARINGS DE/ODE	GREASE	MOUNT TYPE	ORIENTATION	PAINT
6309 / 6308	SEALED BEARINGS	RIGID	HORIZONTAL	BLUE

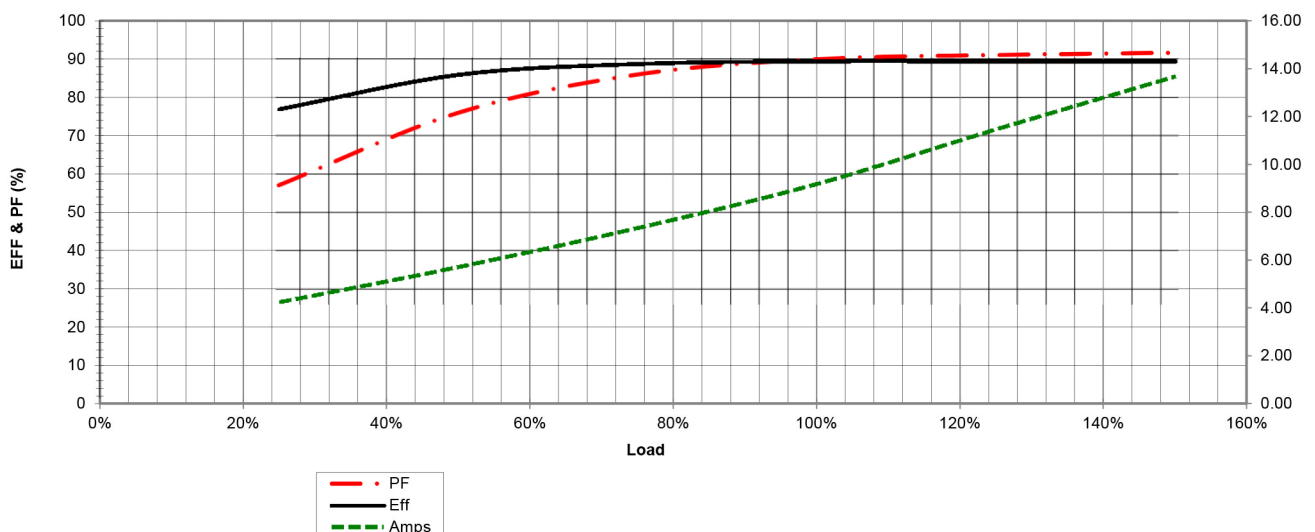
INVERTER DUTY	SOUND PRESSURE @ 3FT	SOUND POWER
2:1 CONSTANT TORQUE; 10:1 VARIABLE TORQUE	81	91

EPACT NR CAN NEMA 12 - 11										
HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
10	575	3500	TEFC	215JP	60	B	2	H	F	62
Load %	0%	25%	50%	75%	100%	125%	150%			
Amps	3.30	4.26	5.73	7.36	9.20	11.48	13.69			
Torq ft/lbs	0	3.69	7.38	11.06	14.97	18.59	22.57			
RPM	0	3575	3550	3525	3500	3475	3450			
Eff	0	76.99	86.00	88.80	89.50	89.50	89.50			
PF	0	57.1	76	86	90	91.1	91.7			
	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	1512	2880	3500	3600	Continuous	1.15	40°C	3,300 ft	81
Current (Amps)	65	55.3	38.7	9.2	3.3	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	33.76	28.70	40.52	15.01	0.0	C.T.	2:1	V.T.	10:1	

Motor Speed Data



Motor Load Data



EPACT NR CAN NEMA 12 - 11										
HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
10	575	3500	TEFC	215JP	60	B	2	H	F	62
	0Hz	6Hz	15Hz	30Hz	45Hz	60Hz	75Hz	90Hz	105Hz	120Hz
Amps	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
RPM	0	350	875	1750	2625	3500	4375	5250	6125	7000
Torq ft.lb	12.00	12.00	15.01	15.01	15.01	15.01	12.00	10.00	8.57	7.50
Peak Tq ft.lb	17.63	35.26	35.26	35.26	35.26	35.26	28.21	23.51	20.15	17.63
HP	0	0.8	2.5	5.0	7.5	10.0	10.0	10.0	10.0	10.0
	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0.0	1512	2880	3500	3600	Continuous	1.15	40°C	3,300 ft	81
Current (Amps)	65.0	55.3	38.7	9.2	3.3	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	33.8	28.7	40.5	15.0	0.0	C.T.	2:1	V.T.	10:1	

