



JG Series Gear Drive Mixer

Clamp or Cup Plate Mount, Heavy Helical Gear, 350 rpm, Grease Lube

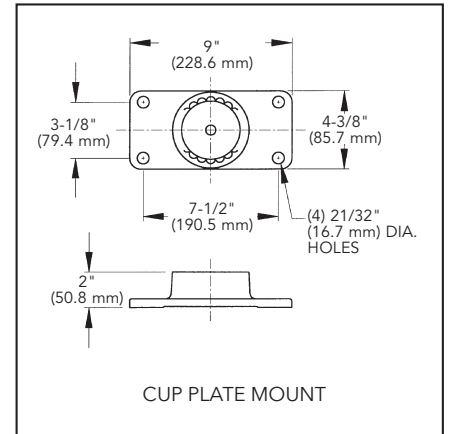
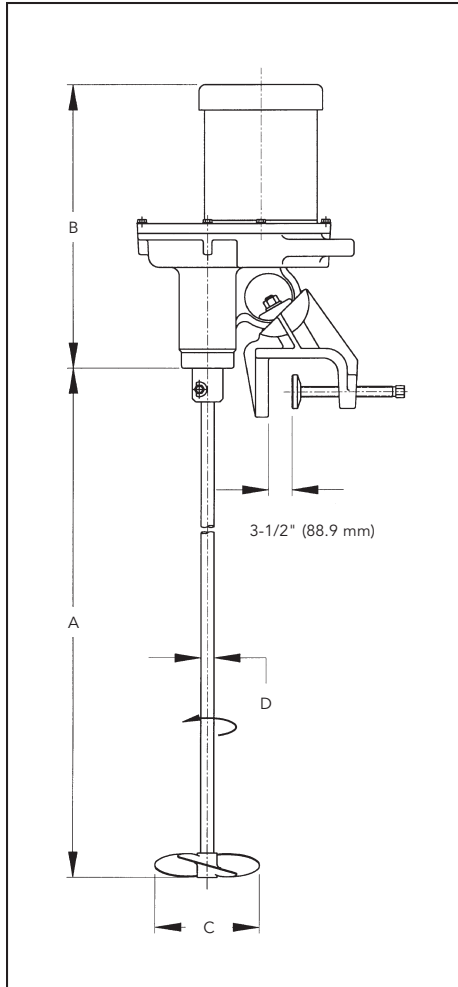
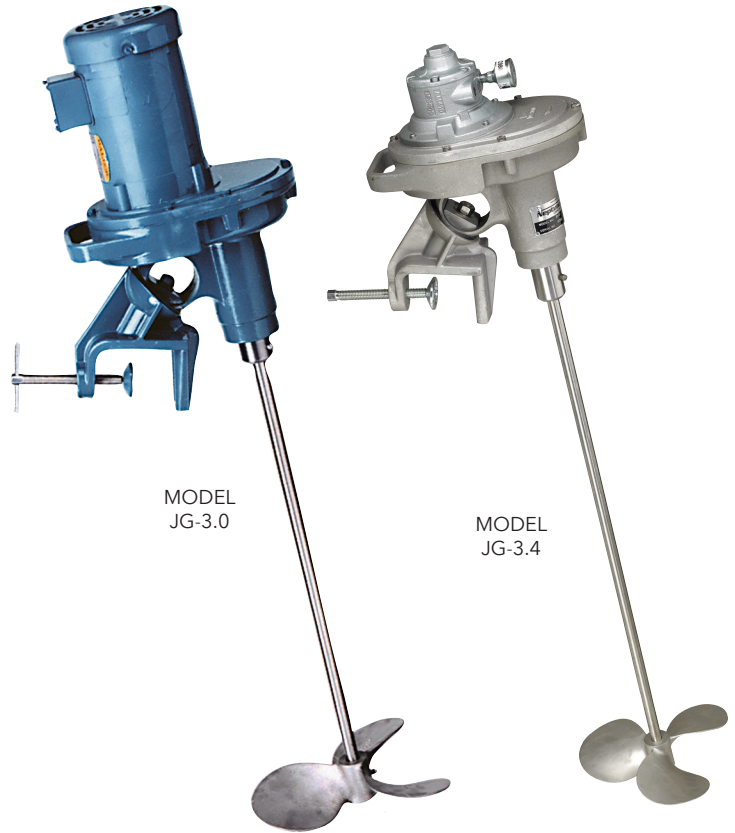
The most powerful mixers from Neptune for the most difficult mixing applications. These mixers feature a grease-filled gearbox that eliminates an oil seal and the possibility of oil contamination.

MODEL	STANDARD MOTOR DESCRIPTION	DIMENSIONS INCHES (MM)				
		A SHAFT LENGTH	B MOTOR GEAR SECTION LENGTH	C		D
				SINGLE	DUAL	SHAFT DIAMETER
TOTALLY-ENCLOSED, FAN-COOLED (TEFC)						
JG-2.0	1/3 HP-1-115/230	48 (1,219.2)	17-5/8 (447.7)	10 (254.0)	8 (203.2)	3/4 (19.1)
JG-2.1	1/3 HP-3-230/460	48 (1,219.2)	17-3/8 (441.3)	10 (254.0)	8 (203.2)	3/4 (19.1)
JG-3.0	1/2 HP-1-115/230	48 (1,219.2)	18-1/2 (469.9)	12 (304.8)	10 (254.0)	3/4 (19.1)
JG-3.1	1/2 HP-3-230/460	48 (1,219.2)	17-5/8 (447.7)	12 (304.8)	10 (254.0)	3/4 (19.1)
JG-4.0	3/4 HP-1-115/230	60 (1,524.0)	18-3/4 (476.3)	13 (330.2)	11 (279.4)	3/4 (19.1)
JG-4.1	3/4 HP-3-230/460	60 (1,524.0)	18-1/8 (460.4)	13 (330.2)	11 (279.4)	3/4 (19.1)
JG-5.1	1 HP-3-230/460	60 (1,524.0)	18-3/8 (466.7)	14 (355.6)	12 (304.8)	1 (25.4)
JG-6.1	1-1/2 HP-3-230/460	60 (1,524.0)	18-3/4 (476.3)	15 (381.0)	13 (330.2)	1 (25.4)
JG-7.1	2 HP-3-230/460	60 (1,524.0)	20-5/8 (523.9)	16 (406.4)	14 (355.6)	1-1/4 (31.8)
JG-8.1	3 HP-3-230/460	72 (1,828.8)	21-5/8 (549.3)	16 (406.4)	15 (381.0)	1-1/4 (31.8)
EXPLOSION-PROOF CLASS 1 GROUP D (EP)						
JG-2.2	1/3 HP-1-115/230	48 (1,219.2)	20-1/2 (520.7)	10 (254.0)	8 (203.2)	3/4 (19.1)
JG-2.3	1/3 HP-3-230/460	48 (1,219.2)	17-3/8 (441.3)	10 (254.0)	8 (203.2)	3/4 (19.1)
JG-3.2	1/2 HP-1-115/230	48 (1,219.2)	21 (533.4)	12 (304.8)	10 (254.0)	3/4 (19.1)
JG-3.3	1/2 HP-3-230/460	48 (1,219.2)	19-5/8 (498.5)	12 (304.8)	10 (254.0)	3/4 (19.1)
JG-4.2	3/4 HP-1-115/230	60 (1,524.0)	21-1/2 (546.1)	13 (330.2)	11 (279.4)	3/4 (19.1)
JG-4.3	3/4 HP-3-230/460	60 (1,524.0)	19-5/8 (498.5)	13 (330.2)	11 (279.4)	3/4 (19.1)
JG-5.3	1 HP-3-230/460	60 (1,524.0)	20-1/2 (520.7)	14 (355.6)	12 (304.8)	1 (25.4)
JG-6.3	1-1/2 HP-3-230/460	60 (1,524.0)	20-1/2 (520.7)	15 (381.0)	13 (330.2)	1 (25.4)
JG-7.3	2 HP-3-230/460	60 (1,524.0)	22-1/8 (561.9)	16 (406.4)	14 (355.6)	1-1/4 (31.8)
AIR MOTOR						
JG-3.4	1/3-1/2 HP AIR 12-20 CFM (0.34-0.57 CMM) AT 40-80 PSI (2.8-5.5 BAR)	48 (1,219.2)	17-1/8 (434.9)	12 (304.8)	10 (254.0)	3/4 (19.1)
JG-4.4	3/4 HP AIR 30 CFM (0.85 CMM) AT 60 PSI (4.1 BAR)	60 (1,524.0)	18 (457.2)	13 (330.2)	11 (279.4)	3/4 (19.1)
JG-5.4	1 HP AIR 40 CFM (1.13 CMM) AT 40 PSI (2.8 BAR)	60 (1,524.0)	19-1/8 (485.8)	14 (355.6)	12 (304.8)	1 (25.4)
JG-6.4	1-1/2 HP AIR 55 CFM (1.56 CMM) AT 60 PSI (4.1 BAR)	60 (1,524.0)	19-1/8 (485.8)	15 (381.0)	13 (330.2)	1 (25.4)
JG-7.4	2 HP AIR 65 CFM (1.84 CMM) AT 70 PSI (4.8 BAR)	60 (1,524.0)	15-5/8 (396.9)	16 (406.4)	14 (355.6)	1-1/4 (31.8)
JG-8.4	4 HP AIR 125 CFM (3.54 CMM) AT 90 PSI (6.2 BAR)	72 (1,828.8)	16-3/4 (425.5)	16 (406.4)	15 (381.0)	1-1/4 (31.8)
VARIABLE SPEED 35 TO 350 RPM TOTALLY-ENCLOSED, FAN-COOLED (TEFC)*						
JG-2.7	1/3 HP VARIABLE SPEED, 1/115 V	48 (1,219.2)	17-5/8 (447.7)	10 (254.0)	8 (203.2)	3/4 (19.1)
JG-3.7	1/2 HP VARIABLE SPEED, 1/115 V	48 (1,219.2)	18-1/2 (469.9)	12 (304.8)	10 (254.0)	3/4 (19.1)
JG-4.7	3/4 HP VARIABLE SPEED, 1/230 V	60 (1,524.0)	18-3/4 (476.3)	13 (330.2)	11 (279.4)	3/4 (19.1)
JG-5.7	1 HP VARIABLE SPEED, 1/230 V	60 (1,524.0)	18-3/8 (466.7)	14 (355.6)	12 (304.8)	1 (25.4)

*Using AC motor/control package.

FEATURES AND BENEFITS

- No clutches to slip, wear or replace
- 316SS propellers and shafts are standard. PVC coating available
- Square-pitch 1:1 ratio marine propellers are used exclusively. Flow coefficients and power consumption characteristics equal those of the best hydrofoil impeller designs
- Vibration-absorbing pad standard
- Motors are available in TEFC or explosion-proof enclosures (1,750 rpm, 56C frame). Air motors also available
- Gears run in grease lubrication. Cannot leak oil
- All JG mixer shaft bearings are permanently lubricated
- Cast aluminum housing
- Mounting clamp has adjustable angle of entry by indexed ball-and-socket design to achieve various process results
- Fixed cup plate mount optional on 1/3 HP through 1-1/2 HP. Standard on 2 HP and larger models



- A:** SHAFT LENGTH
- B:** MOTOR GEAR LENGTH
- C:** SINGLE/DUAL
- D:** SHAFT DIAMETER