

Series JD

Direct Drive Mixer, Clamp or Cup Plate Mount

1750 rpm, Grease Lube

This mixer was engineered to meet the need for a large direct drive mixer with a housing that cannot leak oil.

Features

- Square pitch 1.0 ratio marine propellers are used exclusively. Flow coefficients and power consumption characteristics equal those of the best hydrofoil impeller designs.
- 316SS propellers and shafts are standard. Optional coatings such as rubber, PVC or Teflon® also available.
- JD mixers have adjustable angles of entry by indexed ball-and-socket design to achieve different process results.
- Motors are available in TEFC or explosion-proof enclosures (1750 rpm, 56C frame). Air motors also available.
- Vibration-absorbing pad standard.
- All JD mixer shaft bearings are permanently lubricated.
- Variable speed drives also available.
- Cast aluminum housing.
- Fixed cup plate mount optional.

Model Number	Standard Motor Description	A Shaft Length	B	C		D Shaft Diameter
				Single	Dual	
Totally-enclosed fan-cooled (TEFC)						
JD-2.0	1/3 HP-1-115/230	36"	21 $\frac{1}{8}$ "	4"	4"	$\frac{3}{4}$ "
JD-2.1	1/3 HP-3-230/460	36"	20 $\frac{3}{4}$ "	4"	4"	$\frac{3}{4}$ "
JD-3.0	1/2 HP-1-115/230	48"	22"	5"	4"	$\frac{3}{4}$ "
JD-3.1	1/2 HP-3-230/460	48"	21 $\frac{1}{2}$ "	5"	4"	$\frac{3}{4}$ "
JD-4.0	3/4 HP-1-115/230	48"	22 $\frac{1}{4}$ "	5"	4"	$\frac{3}{4}$ "
JD-4.1	3/4 HP-3-230/460	48"	21 $\frac{1}{2}$ "	5"	4"	$\frac{3}{4}$ "
JD-5.1	1 HP-3-230/460	60"	21 $\frac{3}{4}$ "	6"	5"	1"
JD-6.1	1 $\frac{1}{2}$ HP-3-230/460	60"	22 $\frac{1}{4}$ "	6"	5"	1"
JD-7.1	2 HP-3-230/460	60"	23 $\frac{1}{2}$ "	7"	6"	1"
Explosion-proof class 1 group D (EP)						
JD-2.2	1/3 HP-1-115/230	36"	24"	4"	4"	$\frac{3}{4}$ "
JD-2.3	1/3 HP-3-230/460	36"	20 $\frac{3}{4}$ "	4"	4"	$\frac{3}{4}$ "
JD-3.2	1/2 HP-1-115/230	48"	24 $\frac{1}{2}$ "	5"	4"	$\frac{3}{4}$ "
JD-3.3	1/2 HP-3-230/460	48"	23 $\frac{1}{8}$ "	5"	4"	$\frac{3}{4}$ "
JD-4.2	3/4 HP-1-115/230	48"	25"	5"	4"	$\frac{3}{4}$ "
JD-4.3	3/4 HP-3-230/460	48"	23 $\frac{1}{2}$ "	5"	4"	$\frac{3}{4}$ "
JD-5.3	1 HP-3-230/460	60"	24"	6"	5"	1"
JD-6.3	1 $\frac{1}{2}$ HP-3-230/460	60"	24"	6"	5"	1"
JD-7.3	2 HP-3-230/460	60"	25 $\frac{1}{2}$ "	7"	6"	1"
Air motor						
JD-3.4	1/3 HP to 1/2 HP AIR Air Requirements: 12-20CFM at 20-40PSI	48"	16 $\frac{1}{2}$ "	5"	4"	$\frac{3}{4}$ "
JD-4.4	3/4 HP AIR Air Requirements: 30CFM at 60PSI	48"	17 $\frac{3}{8}$ "	5"	4"	$\frac{3}{4}$ "
JD-5.4	1 HP AIR Air Requirements: 40CFM at 40PSI	60"	18 $\frac{1}{2}$ "	6"	5"	1"
JD-6.4	1 $\frac{1}{2}$ HP AIR Air Requirements: 55CFM at 60PSI	60"	18 $\frac{1}{2}$ "	6"	5"	1"
JD-7.4	2 HP AIR Air Requirements: 65CFM at 75PSI	60"	18 $\frac{1}{2}$ "	7"	6"	1"

