

# Series JGR

## Gear Drive Mixer, Angle-Riser Mount

### Heavy Helical Gear, 350 rpm, Grease Lube

#### Features

- No clutches to slip, wear or replace.
- 316SS propellers and shafts are standard. Optional coatings such as rubber, PVC or Teflon® also available.
- Square pitch 1.0 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 (1750 rpm, 56C frame). Air motors also available.
- Gears run in grease lubrication. Cannot leak oil.
- All JGR mixer shaft bearings are permanently lubricated.
- Variable speed drives also available.
- Cast aluminum housing.
- Angle-riser mount provides a fixed 10° angle of entry.



MODEL  
JGR-8.1

Model Number	Standard Motor Description	A Shaft Length	B	C		D Shaft Diameter
				Single	Dual	
<b>Totally-enclosed fan-cooled (TEFC)</b>						
JGR-2.0	1/3 HP-1-115/230	48"	17½"	10"	8"	¾"
JGR-2.1	1/3 HP-3-230/460	48"	17½"	10"	8"	¾"
JGR-3.0	1/2 HP-1-115/230	48"	18½"	12"	10"	¾"
JGR-3.1	1/2 HP-3-230/460	48"	17½"	12"	10"	¾"
JGR-4.0	3/4 HP-1-115/230	60"	18¾"	13"	11"	¾"
JGR-4.1	3/4 HP-3-230/460	60"	18¾"	13"	11"	¾"
JGR-5.1	1 HP-3-230/460	60"	18¾"	14"	12"	1"
JGR-6.1	1½ HP-3-230/460	60"	18¾"	15"	13"	1"
JGR-7.1	2 HP-3-230/460	60"	20½"	16"	14"	1¼"
JGR-8.1	3 HP-3-230/460	72"	21½"	16"	15"	1¼"
JGR-9.1	5 HP-3-230/460	72"	23"	16"	15"	1¼"
<b>Explosion-proof class 1 group D (EP)</b>						
JGR-2.2	1/3 HP-1-115/230	48"	20½"	10"	8"	¾"
JGR-2.3	1/3 HP-3-230/460	48"	17½"	10"	8"	¾"
JGR-3.2	1/2 HP-1-115/230	48"	21"	12"	10"	¾"
JGR-3.3	1/2 HP-3-230/460	48"	19½"	12"	10"	¾"
JGR-4.2	3/4 HP-1-115/230	60"	21½"	13"	11"	¾"
JGR-4.3	3/4 HP-3-230/460	60"	19½"	13"	11"	¾"
JGR-5.3	1 HP-3-230/460	60"	20½"	14"	12"	1"
JGR-6.3	1½ HP-3-230/460	60"	20½"	15"	13"	1"
JGR-7.3	2 HP-3-230/460	60"	22½"	16"	14"	1¼"
<b>Air motor</b>						
JGR-3.4	1/3 HP to 1/2 HP AIR Air Requirements: 12-20CFM at 40-80PSI	48"	17½"	12"	10"	¾"
JGR-4.4	3/4 HP AIR Air Requirements: 30CFM at 60PSI	60"	18"	13"	11"	¾"
JGR-5.4	1 HP AIR Air Requirements: 40CFM at 40PSI	60"	19½"	14"	12"	1"
JGR-6.4	1½ HP AIR Air Requirements: 55CFM at 60PSI	60"	19½"	15"	13"	1"
JGR-7.4	2 HP AIR Air Requirements: 65CFM at 70PSI	60"	15½"	16"	14"	1¼"
JGR-8.4	4 HP AIR Air Requirements: 125CFM at 90PSI	72"	16¾"	16"	15"	1¼"

