



E and F Series Drum Mixers

Bung-Entering - 55-gal. (208.2 L), 1,750 rpm

Neptune offers a complete line of bung-entering mixers. These mixers come in two styles for water-like solutions with each style utilizing a folding propeller (E & F Series). For viscous fluids, two styles (H & HGS Series) are also available that use permanent blades and are offered in higher horse-powers. All Neptune bung-entering mixers fit through the standard 2" (50.8 mm) bung on 55-gal. (208.2 L) drums.

FEATURES AND BENEFITS

- Shaft and folding propeller are 316SS. Propeller folds for entry; opens to 3-3/4" (95.3 mm) diameter when operating
- All mixers are in stock for off-the-shelf delivery
- Motors are available in TEFC or explosion-proof enclosures (56C frame). Air motors also available

CLOSED
(FOR ENTERING)



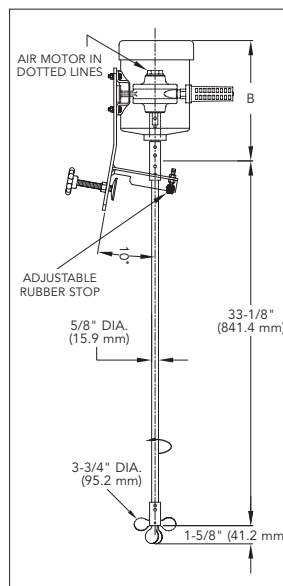
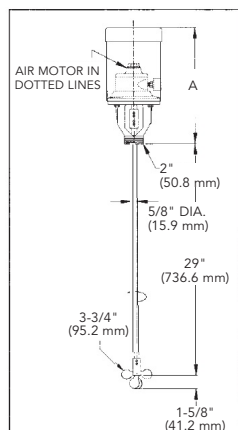
OPEN
(FOR MIXING)



MODEL	STANDARD MOTOR DESCRIPTION	DIMENSIONS INCHES (MM)
		A
TOTALLY-ENCLOSED FAN-COOLED (TEFC)		
E-1.0	1/4 HP-1-115/230	13 (330.2)
E-2.0	1/3 HP-1-115/230	13-1/4 (336.6)
E-2.2	1/3 HP-3-230/460	13-1/4 (336.6)
E-3.0	1/2 HP-1-115/230	14 (355.6)
E-3.2	1/2 HP-3-230/460	13-5/8 (346.1)
EXPLOSION-PROOF CLASS 1 GROUP D (EP)		
E-2.1	1/3 HP-1-115/230	14-3/8 (365.1)
E-2.3	1/3 HP-3-230/460	14-3/8 (365.1)
E-3.1	1/2 HP-1-115/230	16-3/4 (425.5)
E-3.3	1/2 HP-3-230/460	14-3/8 (365.1)
AIR MOTOR		
E-4.0	1/4 HP TO 1/2 HP AIR REQUIREMENTS: 10-20 CFM (0.28-0.57 CMM) AT 20-40 PSI (1.4-2.8 BAR)	10-5/8 (269.9)

MODEL	STANDARD MOTOR DESCRIPTION	DIMENSIONS INCHES (MM)
		B
TOTALLY-ENCLOSED FAN-COOLED (TEFC)		
F-1.0	1/4 HP-1-115/230	10-5/8 (269.9)
F-2.0	1/3 HP-1-115/230	10-7/8 (276.2)
F-3.0	1/2 HP-1-115/230	11-5/8 (295.3)
F-3.2	1/2 HP-3-230/460	11-1/4 (285.8)
EXPLOSION-PROOF CLASS 1 GROUP D (EP)		
F-3.1	1/2 HP-1-115/230	14-3/8 (365.1)
AIR MOTOR		
F-4.0	1/4 HP TO 1/2 HP AIR REQUIREMENTS: 10-20 CFM (0.28-0.57 CMM) AT 40-480 PSI (2.8-33.1 BAR)	5-1/4 (133.4)

50 Hz Motors Available





H and HGS Series Drum Mixers

Bung-Entering - 55-gal. (208.2 L) Drum, High Viscosity

FEATURES AND BENEFITS

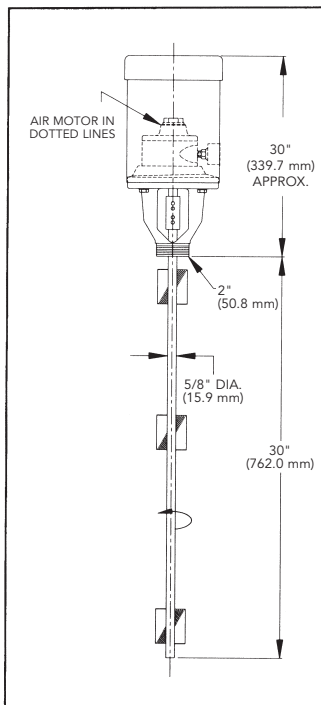
- Shaft and propeller are 316SS
- Available electric or air motor powered to 1 HP
- For mixing extremely heavy or shear-sensitive chemicals in drums
- Designed to screw into standard 2" (50.8 mm) bung opening on 55-gal. (208.2 L) drums

STANDARD MOTOR DESCRIPTION	H SERIES - DIRECT DRIVE		HGS SERIES - GEAR DRIVE	
	MODEL NUMBER	VISCOSITY LIMITATION CP	MODEL NUMBER	VISCOSITY LIMITATION CP
TOTALLY-ENCLOSED, FAN-COOLED (TEFC)				
1/3 HP-1-115/230	H-2.0	1,000	HGS-2.0	4,000
1/2 HP-1-115/230	H-3.0	4,000	HGS-3.0	16,000
3/4 HP-1-115/230	H-5.0	6,000	HGS-5.0	24,000
1 HP-1-115/230	H-6.0	8,000	HGS-6.0	32,000
AIR MOTOR				
1/4 HP - 1/2 HP AIR REQUIREMENTS: 10-20 CFM (0.28-0.57 CMM) AT 20-40 PSI (1.4-2.8 BAR)	H-4.0	4,000	HGS-4.0	24,000
3/4 HP - 1 HP AIR REQUIREMENTS: 30-40 CFM (0.85-1.1 CMM) AT 25-35 PSI (1.7-2.4 BAR)	H-7.0	8,000	HGS-7.0	32,000

Explosion-proof models available—contact factory.

H Series Mixers

Direct Drive, 1,750 rpm
 Viscosity to 8,000 cP



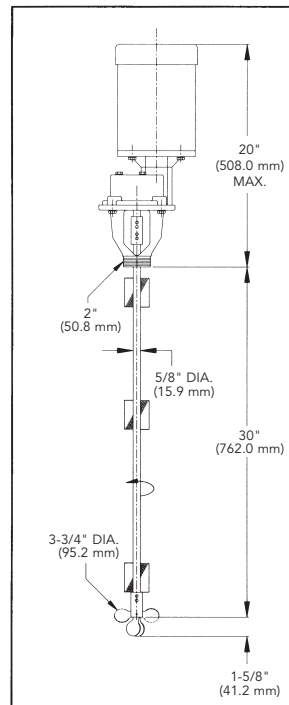
Six mixing blades



MODEL H-3.0

HGS Series Mixers

Gear Drive, 430 rpm
 Viscosity to 32,000 cP



Six mixing blades with folding propeller



MODEL HGS-3.0