

Drum Mixers

Bung-Entering – 55 Gallon Drum, 1750 rpm

Neptune Mixer Company offers a complete line of Bung-Entering Mixers. Two styles for water-like solutions use a folding propeller. Two styles (Series H & HGS) for viscous fluids use permanent blades and are offered in higher horsepower. All Neptune Bung-Entering Mixers fit through the standard 2-in. Bung on 55-gallon drums.

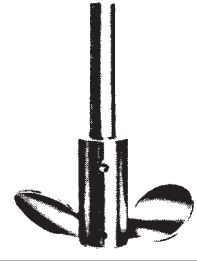
Features

- Shaft and folding propeller are 316SS. Propeller folds for entry; opens to 3¼-in. 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)



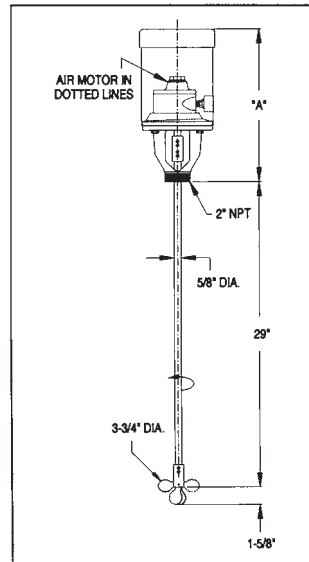
OPEN
(for mixing)



Series E Mixers

Model Number	Standard Motor Description	A
Totally-enclosed fan-cooled (TEFC)		
E-1.0	1/4 HP-1-115/230	13"
E-2.0	1/3 HP-1-115/230	13¼"
E-2.2	1/3 HP-3-230/460	13¼"
E-3.0	1/2 HP-1-115/230	14"
E-3.2	1/2 HP-3-230/460	13¾"
Explosion-proof class 1 group D (EP)		
E-2.1	1/3 HP-1-115/230	14¾"
E-2.3	1/3 HP-3-230/460	14¾"
E-3.1	1/2 HP-1-115/230	16¾"
E-3.3	1/2 HP-3-230/460	14¾"
Air motor		
E-4.0	1/4 HP to 1/2 HP AIR Air Requirements: 10-20CFM at 20-40PSI	10¾"

50 Hz Motors Available

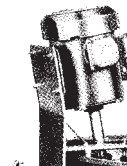
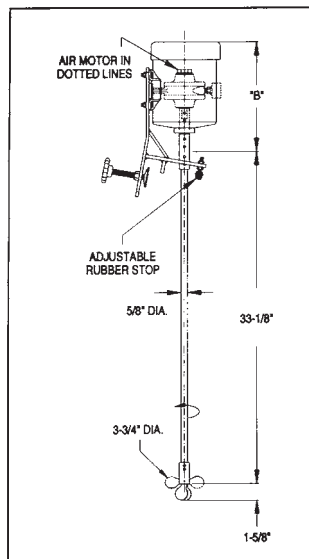


MODEL E-2.1
Screws into standard
2-in. bung fitting.



Series F Mixers

Model Number	Standard Motor Description	B
Totally-enclosed fan-cooled (TEFC)		
F-1.0	1/4 HP-1-115/230	10¾"
F-2.0	1/3 HP-1-115/230	10¾"
F-3.0	1/2 HP-1-115/230	11¾"
F-3.2	1/2 HP-3-230/460	11¾"
Explosion-proof class 1 group D (EP)		
F-3.1	1/2 HP-1-115/230	14¾"
Air motor		
F-4.0	1/4 HP to 1/2 HP AIR Air Requirements: 10-20CFM at 40-80PSI	5¾"



MODEL F-2.0
Clamps to lip of
standard steel drums.

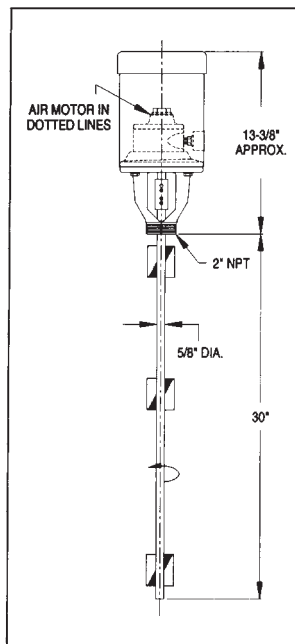


Drum Mixers

Bung-Entering – 55 Gallon Drum, High Viscosity

Series H Mixers

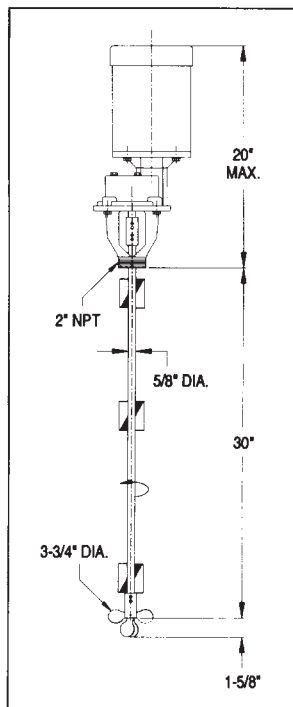
Direct Drive, 1750 rpm
Viscosity to 8,000 CPS



Six mixing blades.

Series HGS Mixers

Gear Drive, 430 rpm
Viscosity to 32,000 CPS



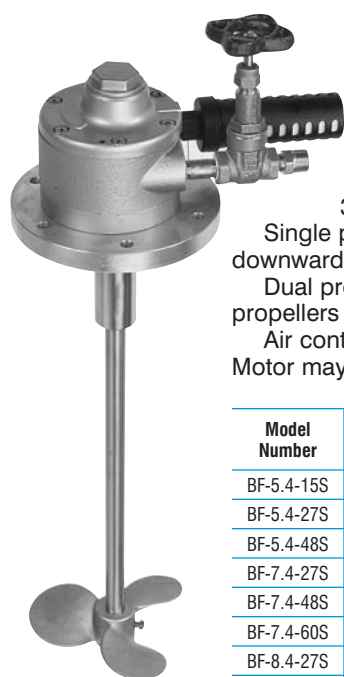
Six mixing blades with folding propeller.

Features

- 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-in. bung opening on 55-gallon drums.

	SERIES H – DIRECT DRIVE		SERIES HGS – GEAR DRIVE	
Standard Motor Description	Model Number	Viscosity Limitation CPS	Model Number	Viscosity Limitation CPS
Totally-enclosed fan-cooled (TEFC)				
1/3 HP-1-115/230	H-2.0	1000	HGS-2.0	4000
1/2 HP-1-115/230	H-3.0	4000	HGS-3.0	16000
3/4 HP-1-115/230	H-5.0	6000	HGS-5.0	24000
1 HP-1-115/230	H-6.0	8000	HGS-6.0	32000
Air motor				
1/4 HP to 1/2 HP AIR Air Requirements: 10-20CFM at 20-40PSI	H-4.0	4000	HGS-4.0	24000
3/4 HP to 1 HP AIR Air Requirements: 30-40CFM at 25-35PSI	H-7.0	8000	HGS-7.0	32000

Explosion-proof models available—contact factory.



**MODEL
BF-7.4-27S**

Series BF Direct Drive Air Mixer Flange Mount

Neptune's flange mounted, air driven mixer uses 316SS shaft and 316SS marine propellers.
Single propeller models have one left-handed propeller pumping downward in normal operation.
Dual propeller models have one each left-hand and right-hand propellers providing counterflow mixing.
Air control valve included to allow speed adjustment.
Motor may be stalled without damage.

Model Number	Motor Horsepower	Mounting Flange	Shaft		Propeller Size	
			Diameter	Length	Single	Dual*
BF-5.4-15S	1 HP Air Motor	6"	5/8"	15"	6"	6"
BF-5.4-27S	1 HP Air Motor	6"	5/8"	27"	6"	6"
BF-5.4-48S	1 HP Air Motor	6"	5/8"	48"	6"	6"
BF-7.4-27S	2 HP Air Motor	7"	3/4"	27"	8"	8"
BF-7.4-48S	2 HP Air Motor	7"	3/4"	48"	8"	8"
BF-7.4-60S	2 HP Air Motor	7"	3/4"	60"	8"	8"
BF-8.4-27S	3 HP Air Motor	7"	1"	27"	10"	10"
BF-8.4-48S	3 HP Air Motor	7"	1"	48"	10"	10"
BF-8.4-60S	3 HP Air Motor	7"	1"	60"	10"	10"

Air set not included. Order P/N 100804 for complete air set consisting of regulator, filter and lubricator.

* To specify dual props: change "S" in Model Number to "D".

Air Consumption: 1 HP – 16 CFM at 70 PSI; 2 HP – 20 CFM at 70 PSI; 3 HP – 30 CFM at 70 PSI.

**MODEL
H-4.0**



**MODEL
HGS-3.0**