

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 horse-powers. All Neptune Bung-Entering Mixers fit through the standard 2-in. Bung on 55-gallon drums.

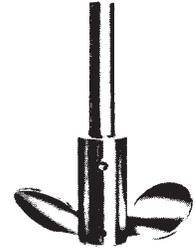
Features

- Shaft and folding propeller are 316SS. Propeller folds for entry; opens to 3¾-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)



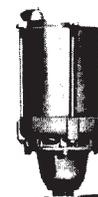
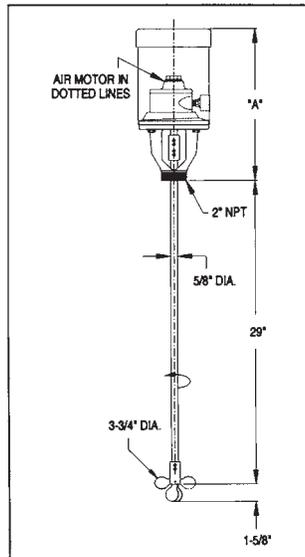
OPEN
(for mixing)



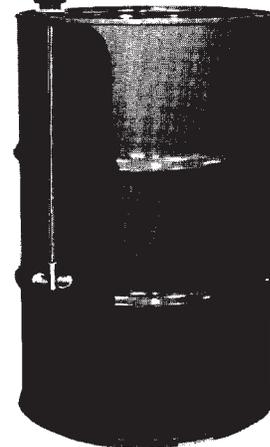
Series E Mixers

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	13½"
E-2.2	1/3 HP-3-230/460	13½"
E-3.0	1/2 HP-1-115/230	14"
E-3.2	1/2 HP-3-230/460	13½"
Explosion-proof class 1 group D (EP)		
E-2.1	1/3 HP-1-115/230	14½"
E-2.3	1/3 HP-3-230/460	14½"
E-3.1	1/2 HP-1-115/230	16½"
E-3.3	1/2 HP-3-230/460	14½"
Air motor		
E-4.0	1/4 HP to 1/2 HP AIR Air Requirements: 10-20CFM at 20-40PSI	10½"

50 Hz Motors Available

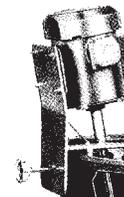
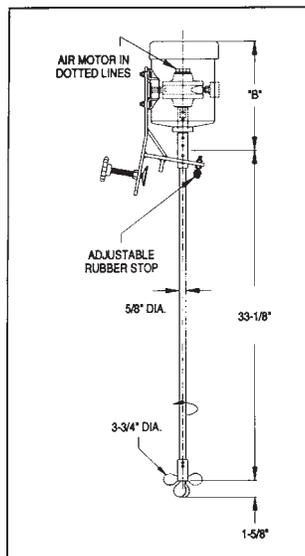


MODEL E-2.1
Screws into standard
2-in. bung fitting.

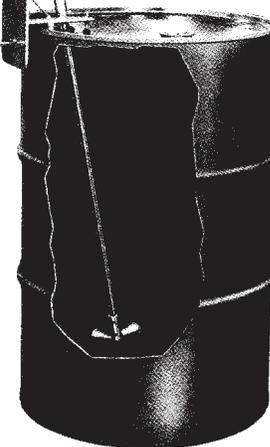


Series F Mixers

Model Number	Standard Motor Description	B
Totally-enclosed fan-cooled (TEFC)		
F-1.0	1/4 HP-1-115/230	10½"
F-2.0	1/3 HP-1-115/230	10½"
F-3.0	1/2 HP-1-115/230	11½"
F-3.2	1/2 HP-3-230/460	11½"
Explosion-proof class 1 group D (EP)		
F-3.1	1/2 HP-1-115/230	14½"
Air motor		
F-4.0	1/4 HP to 1/2 HP AIR Air Requirements: 10-20CFM at 40-80PSI	5½"



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

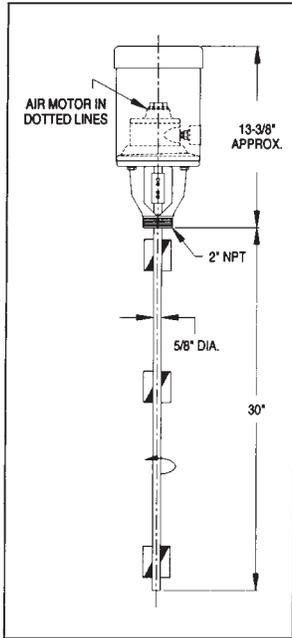


Drum Mixers

Bung-Entering – 55 Gallon Drum, High Viscosity

Series H Mixers

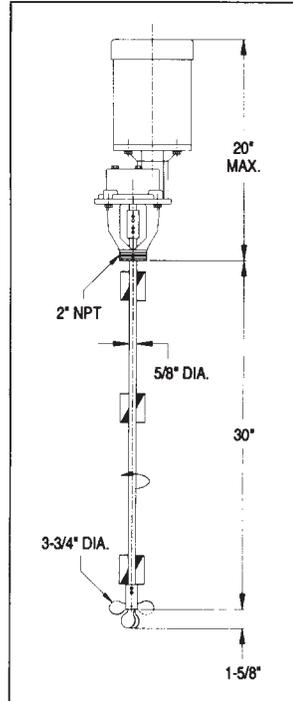
Direct Drive, 1750 rpm
Viscosity to 8,000 CPS



Six mixing blades.

Series HGS Mixers

Gear Drive, 430 rpm
Viscosity to 32,000 CPS



Six mixing blades with folding propeller.

Features

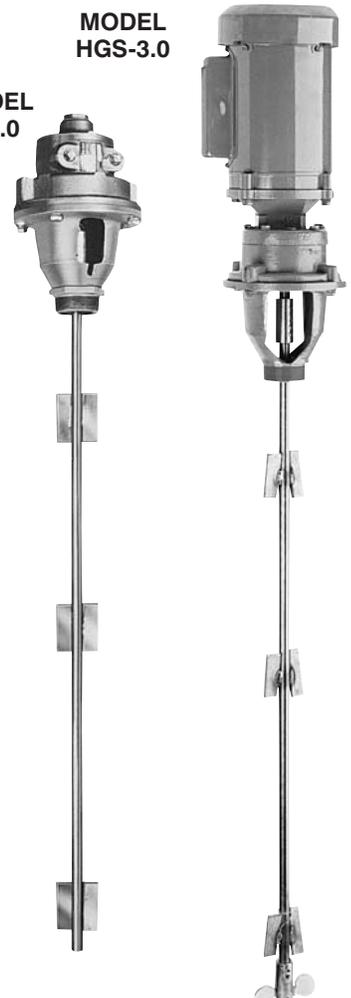
- Shaft and propeller are 316SS.
- Available electric or air motor powered to 1 HP.
- For mixing extremely heavy or shear sensitive chemicals in drums.
- Designed to screw into standard 2-in. bung opening on 55-gallon drums.

	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 HGS-3.0

MODEL H-4.0



Series BF Direct Drive Air Mixer Flange Mount



MODEL BF-7.4-27S

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.