Series C
Direct Drive Mixer, Clamp Mount
1750 rpm, Grease Lube

Neptune's original line of large, direct drive, portable mixers for mixing larger batches of light and medium solutions or small batches of heavy fluids.

Features

- Motors are available in TEFC or explosion-proof enclosures (1750 rpm, 56C frame). Air motors also available.
- Universal indexing clamp allows most efficient mixer positioning.
- Fixed cup plate mount optional.
- 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.
- Vibration-absorbing pad standard.
- Cast aluminum housing.
- Gears run in grease, giving quiet operation.
- Bearings run in grease for quiet operation and extended life.
- Variable speed drives also available.

Model Number	Standard Motor Description	A Shaft Length	B	C		D Shaft Diameter
				Single	Dual	
Totally-enclosed fan-cooled (TEFC)						
C-1.0	1/2 HP-1-115/230	48"	22⅞"	5"	4"	¾"
C-1.2	1/2 HP-3-230/460	48"	19¼"	5"	4"	¾"
C-2.0	3/4 HP-1-115/230	48"	20⅛"	5"	4"	¾"
C-2.2	3/4 HP-3-230/460	48"	20½"	5"	4"	¾"
C-3.0	1 HP-3-230/460	60"	20⅛"	6"	5"	¾"
C-4.0	1½ HP-3-230/460	60"	20⅛"	6"	5"	1"
Explosion-proof class 1 group D (EP)						
C-1.1	1/2 HP-1-115/230	48"	22⅞"	5"	4"	¾"
C-1.3	1/2 HP-3-230/460	48"	20¼"	5"	4"	¾"
C-2.1	3/4 HP-1-115/230	48"	23⅛"	5"	4"	¾"
C-2.3	3/4 HP-3-230/460	48"	20½"	5"	4"	¾"
C-3.1	1 HP-3-230/460	60"	24½"	6"	5"	¾"
C-4.1	1½ HP-3-230/460	60"	21½"	6"	5"	1"
Air motor						
C-1.6	1/2 HP AIR Air Requirements: 20CFM at 40PSI	48"	16⅛"	5"	4"	¾"
C-2.6	3/4 HP AIR Air Requirements: 30CFM at 60PSI	48"	16⅛"	5"	4"	¾"
C-3.4	1 HP AIR Air Requirements: 40CFM at 40PSI	60"	17¼"	6"	5"	¾"
C-4.2	1½ HP AIR Air Requirements: 55CFM at 60PSI	60"	17¼"	6"	5"	1"
Variable speed 175 to 1725 RPM totally-enclosed non-ventilated (TENV)*						
C-1.7	1/2 HP Variable Speed, 1/115 V	48"	20⅛"	5"	4"	¾"
C-2.7	3/4 HP Variable Speed, 1/230 V	48"	20⅛"	5"	4"	¾"
C-3.7	1 HP Variable Speed, 1/230 V	60"	20⅛"	6"	5"	¾"

*Using DC motor/control package.



MODEL C-1.6

MODEL C-1.2



