



SERIES 4050

DRUM MIXER, VARIABLE LOW SPEED, HIGH TORQUE

MODEL DVL-200-42/24-EX/SS

Features:

- Motor, 20 HP, 1750 rpm, TEFC/EX, 3-phase, 60 Hz, 230/460V
- Gear reducer, SEW, heavy duty
- Fixed center pulleys/belt/gear reducer drive
- Mixing shaft speed range, 50 to 180 rpm (nominal), other ranges available
- Side mounted speed control hand-wheel
- Air-over-oil lift, 42" rise, with controls
- Bow type turbine, type BT, 12" diameter (other types of turbines available)
- Can lock assembly, adjustable 5 to 55 gallon
- Safety limit switches, @ can lock and @ rise limit, explosion proof

This mixer is heavy duty, high torque, belt/gear motor drive using Speed Selector Inc. fixed center pitch pulleys drive, designed into a single belt power train resulting in maximum power delivery to the low speed turbine.

This 20 HP from Series 4050 or Series 4055 may be used to process viscous products, such as inks, adhesives, gels, creams, etc. in containers with capacities of 5 to 55 gallons (pails, drums, kettles, square or round bins) requiring high input torque. The gear reducer in the power train multiplies available mixing shaft torque by a factor of 5 or 6 when compared to other designs lacking the gear reducer.

Series 4050 has a mechanical variable speed drive suitable for explosion proof applications, while Series 4055 has an electronic variable speed drive suitable for non explosion proof applications. To make the Series 4055 explosion proof requires an additional control box in NEMA 7 & 9 enclosure for at least the on/off switch, speed pot and E-stop. If the digital ammeter and tachometer are included in this NEMA enclosure, it will raise the price of the assembly.



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