

Electric Agitators

Advanced Control and Energy Savings

WHY MAKE THE SWITCH?

- Efficiency: Electric agitators are up to 5 times more efficient compared to pneumatic agitators
- Flexibility: Easily upgrade existing Graco pneumatic agitators with a variety of mounting configurations
- Consistency: Electric agitator speed remains constant, regardless of material level in tank
- Improved quality: Low shear mixing ensures uniform particle dispersion without material degradation
- Improve work environment: Quiet electric motor

AVAILABLE PRODUCTS

- Back Geared Drum Agitator and Elevator Systems
- Direct-drive:
 - Flange Mount
 - Quick Clamp Mount
 - Pressure Tank (5, 10, and 15 gallon)
- UL Listed and ATEX Listed motors available
- Gear Reducer (optional):
 - 4.8:1 speed reduction
 - Allows lower agitator speeds while maintaining adequate motor cooling
 - More torque for agitating higher viscosity materials



Electric Back Gear Drum Agitator (UL)
25C451

Ordering Information

For complete ordering info, please refer to the following Graco instruction manuals:

- Electric Back Gear Drum Agitators: 3A4548
- Electric Direct Drive Agitators and Gear Reducer: 3A4553
- Variable Frequency Drive (VFD) Controls: 3A4793



Gear Reducer (optional)
25N644
25N645



Flange Mount Electric Motor (ATEX)
25C463





Quick Clamp Electric Agitator (ATEX)
25C464





Pressure Tank Electric Agitator (UL)
25C471

Technical Data

Electric Back-Gear Drum Agitators

Motor Power:	3/4 hp	0.37 kW
Motor Hazardous Location Approvals	 LISTED Explosion Proof Class 1 Group C&D Class 2 Group F&G T3C	 II 1/2G Ex h IIB T4 Ga/Gb IECEx ETL 17.0019 ITS17ATEX1001809
Motor Electrical Requirements	230/460 VAC, 60 Hz, 3 Phase	230/400 VAC, 50 Hz, 3 Phase
Maximum Recommended Agitator Shaft Speed	50 rpm	50 rpm
Minimum Recommended Motor Speed	6 hz	5 hz
Gear Reducer Ratio	24:1	24:1
Wetted Parts	304 SST, 304/304L SST, Acetal, A/F, Nylon, PTFE	304 SST, 304/304L SST, Acetal, A/F, Nylon, PTFE
Maximum Recommended Viscosity	3000 cP	3000 cP
Noise Data (Sound Pressure Level)	Less than 75 dBA	Less than 75 dBA
Ambient and Operating Temperature Range (limited by motor)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)

Electric Direct Drive Drum Agitators

Motor Power:	3/4 hp	0.37 kW
Motor Hazardous Location Approvals	 LISTED Explosion Proof Class 1 Group C&D Class 2 Group F&G T3C	 II 1/2G Ex h IIB T4 Ga/Gb IECEx ETL 17.0019 ITS17ATEX1001809
Motor Electrical Requirements	230/460 VAC, 60 Hz, 3 Phase	230/400 VAC, 50 Hz, 3 Phase
Maximum Recommended Agitator Shaft Speed	500 rpm*	500 rpm*
Minimum Recommended Motor Speed	2 hz	2 hz
Wetted Parts	300 Series SST	300 Series SST
Maximum Recommended Viscosity	300 cP	300 cP
Noise Data (Sound Pressure Level)	Less than 75 dBA	Less than 75 dBA
Ambient and Operating Temperature Range (limited by motor)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)

*Max speed may be limited by impeller size.
 For additional specifications, please consult product manuals.

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.
877.84GRACO (1-877-844-7226) or visit us at www.graco.com/finishing

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