



# Heavy-Duty In-Drum Back-Geared Agitator

Reliable, Leak Free Operation

**LEAK-FREE  
DESIGN**



**Quick connect heavy-duty back-geared agitator  
for drums or tanks with pre-installed blades**

- ATEX approval for hazardous locations
- Oil free gear box design
- Interchangeable adapters and couplers to meet a variety of drum designs
- Simple screw-in installation signs
- Corrosion resistant stainless steel construction

PROVEN QUALITY. LEADING TECHNOLOGY.



# Technical Specifications

## HEAVY-DUTY IN-DRUM BACK-GEARED AGITATOR

Maximum air input pressure .....	7 bar (100 psi)
Motor power rating at 1200 rpm (shaft at 50 rpm), Using 12 cfm (0.34 m <sup>3</sup> /min) .....	186 W (0.25 hp)
Maximum recommended shaft rpm .....	100
Gear reducer ratio.....	24:1
Weight .....	8 kg (17.7 lb)
Height	
From top of air motor to base of quick connect.....	286 mm (11.25 in)
Air inlet .....	Mates with 1/4-in npt(f) quick-disconnect, ..... Part No 208536
Wetted parts .....	303 SST
Air consumption.....	0.08 to 0.85 m <sup>3</sup> /min (3 to 30 scfm)
Sound data*	
Typical operating conditions†	
Sound power .....	77.3 dB(A)
Sound pressure.....	63.8 dB(A)
Maximum noise conditions‡	
Sound power .....	86.4 dB(A)
Sound pressure .....	72.9 dB(A)
*Sound data was measured per ISO 3744-1981.	
† 50 rpm (shaft) agitating 300 cps water-base material	
‡ 100 rpm (shaft) agitating an empty container	
Instruction Manual .....	Part No 308609



## Ordering Information

Base assembly  
Part Number: 24C821  
(Does not include adapters)



Bung Adapters	Shaft Adapter			
	3/8 in	7/16 in	1/2 in	5/8 in
1-1/2 in	24C519	24C293	24C520	24C521
2 in	24C523	24C522	24C524	24C525

## Accessories

	Size	Part Number
Bung Adapters	1-1/2 in	16A521
	2 in	16A754
Shaft Adapters	3/8 in	16A751
	7/16 in	16A520
	1/2 in	16A752
	5/8 in	16A753

<b>Adapter Kit</b>	<b>Part Number: 24D588</b> Includes bung adapters (16A521 & 16A754) and shaft adapters (16A751, 16A520, 16A752 & 16A753).
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