

Agitators for Material Pressure Tanks

Agitator drives

Manual agitator

Fields of application depending on material: MDG 1, 2, 3, MDG 4, MDG 8, MDG 12, MDG 22, MDG 24, MDG 45, MDG 60, MDG 90, MDG 120, MDG 250, LDG 5, LDG 10, LDG 20

Air-powered geared agitators (standard)

Type 46-810 (0.36 kW, 200 rpm., max. 17 Nm)
Type 46-820 (0.36 kW, 300 rpm., max. 11 Nm)
Fields of application depending on material: MDG 8, MDG 12, MDG 22, MDG 24, MDG 45, MDG 60, MDG 90, LDG 5, LDG 10, LDG 20

Air-powered geared agitators

Versions with oil lubrication:
Type 46-811 (0.36 kW, 200 rpm., max. 17 Nm)
Type 46-821 (0.36 kW, 300 rpm., max. 11 Nm)
Versions with oil lubrication are especially wear-resistant but require exhaust air treatment.

Air-powered geared agitators for small-size containers

Type 46-200 (0.16 kW, 400 rpm.)
stirrer element: ring propeller, diameter 60 mm
Fields of application depending on material: MDG 1, 2, 3, 4, LDG 5.
Suitable for low-viscosity materials.

Electrically powered geared agitators

Type 44-220 (0.12 kW, 60 rpm., max. 19 Nm)
Fields of application depending on material: MDG 8, MDG 12, MDG 22, MDG 24, MDG 45, MDG 60, MDG 90, LDG 10, LDG 20
Type 44-220 (0.18 kW, 100 rpm., max. 17 Nm)
Fields of application depending on material: MDG 120, MDG 250
Electrically powered agitators with different speeds, with speed control or other options on request.

Electrically powered geared agitators with packing seal

(0.37-2.2 kW, 30-100 rpm)
Fields of application depending on material: up to MDG 2000
Speed control on request. Not for use in potentially explosive atmospheres.

Electrically powered geared agitators with magnetic clutch

Series 49-530 (0.37 kW, 80 rpm, 43 Nm)
Series 49-520 (0.55 kW, 55 rpm, 98 Nm)
Other speeds and speed control on request.
Fields of application depending on material: up to 2000 liters capacity. Electrically powered agitators with speed control on request. Agitator shaft is split, torque is transmitted via magnetic clutch. Material is sealed in hermetically.

Impeller elements



Blade impellers (standard)

Impeller diameter depending on container size and speed. Zinc-plated steel, stainless steel optional.



Pitched blade impellers

Optional for containers from 45 liters. Stainless steel, diameter depending on container size.



Cup impeller PILOT Calix

Impeller diameter according to container size and speed. Stainless steel. Requires speeds > 100 rpm.



Grid blade impeller

for electrically powered agitators with packing seal. Aluminum die cast alloy; impeller diameter according to container size. Not for use in potentially explosive atmospheres.



Air-powered and electrically powered agitators are explosion-protected in accordance with 94/9/EC (ATEX). Non-explosion-protected versions are also available.