

August 2011

**STONE™**

**GLOBE**  
AIR MOTORS

 **GLOBE** AIR MOTORS S.V.

**ARGO**  
**HYTOS**

**ATO**  
HYDRAULIC POWER

**POWER TEAM®**

 **vetter**

Want more  
information?

Contact  
PT Hydraulics  
Head Office  
or your  
Regional  
Sales  
Manager



## Compact job?

think...

## GLOBE Compact Air Motors



Globes range of Compact Piston Air Motors are suitable for a range of applications where other air motors can not be used. As the name suggests, the compact piston air motor are robust yet compact in nature and exhibit the following advantages:

- Simple and inexpensive variable speed and torque control with a flow control and/or pressure regulator

- Intrinsically safe for explosion proof environments (European Explosion Directive ATEX II cat.2 G&D T5)

- Air motors can be stalled indefinitely under load without overheating or burning out

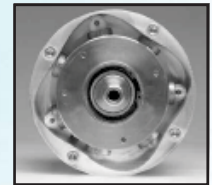
- Low friction and a minimum of parts prolongs life-span

- Controllable over a wide speed range

- Instantly reversible, operated with a simple control valve

- Resistant to warm, dirty and damp conditions

- No shock start up improves life-span



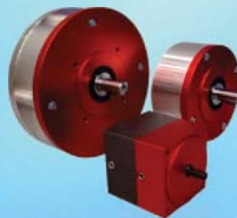
## applications

Globe compact piston air motors are most suitable for low to medium duties at low speed operations, however the coupling of a Globe Air Motor with a large variety of gearboxes greatly increases the variety of work these compact motors can perform. Some of the most common applications the Globe Compact Air Motors are used for are

- Mixing equipment
- Winding equipment
- Conveyor belts
- Hose Reels
- Turntables
- Packing machines
- Cap Screwing machines



## motor update



The team at Globe are continually striving to meet market needs, as a result they have developed a new compact piston motor. The currently stocked RM0151A0 and RM151P0 have both been replaced by part number RM012-SXX. The new Globe RM012-SXX has the benefits of being smaller in diameter, runs smoother due to being designed with 12 pistons, as opposed to the 7 pistons of its predecessor, and can be run oil free. Furthermore, the new motor design will:

- Further increase life-span of motor, especially in continuous operation
- Meet market demand for oil free operation
- Meet market demand for a smaller and more compact motor
- Smoother rotation at very low speeds

All mounting flange dimensions are identical to the old RM0151A0. and RM0151P0 motors.