

75PM010

75 mm Planetary Gearhead



Product Features

- *High radial and axial shaft loading capacity*
- *True planetary design*
- *Low start-up torque*
- *High torque capability*
- *Compact design*
- *Popular metric output shaft and front bracket design*
- *Rigid stepped output shaft design with metric key and threaded mounting hole*
- *Metric and NEMA motor mounting available*

Description

The 75PM010 planetary gearhead offers true planetary performance in a high torque, low backlash design with excellent shaft loading characteristics.

Primetric Planetary gearheads are offered as standard to fit NEMA motor flanges. They can be machined to mount to almost any motor. Please supply the drawing of your motor when ordering.

Specifications

Part Number:	75PM010
Frame Size:	75 mm
Ratio:	10:1
Torque, Nominal:	552 in-lb
Torque, Max Accel:	828 in-lb
Length:	4.15 inches
Weight:	7.0 lbs
Input Speed:	6500 rpm max
Backlash:	6
Low Backlash:	0
Service Life:	> 20,000 hours
Efficiency:	90%
Inertia:	2.419E-03 oz-in-sec ²

Downloads

Product PDF - S3 Link:

<http://s3.amazonaws.com/applied-motion-pdf/75PM010.pdf>

2D Drawing:

 [75PM010_RevA.pdf](#)
 [075pm1stg_3D.pdf](#)

3D Drawing:

 [75PM-1STG.igs](#)