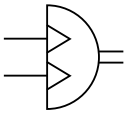
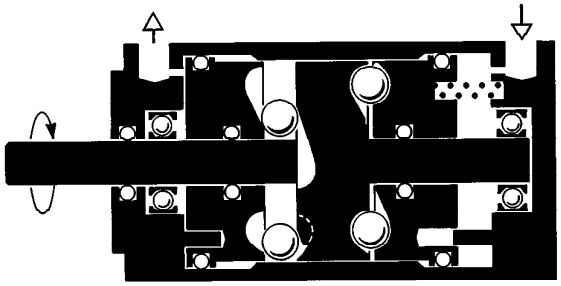
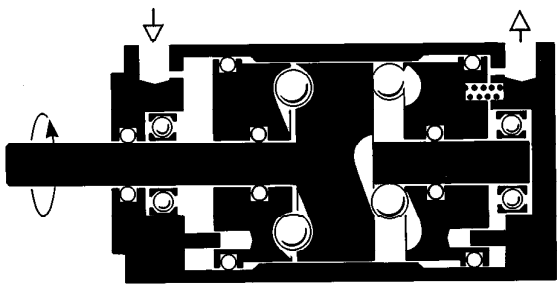
- **Very neat and compact**
- **Cleanline styling**
- **Helical ramp actuation**

Torque Units
Double Acting
0,75 - 1,9 Nm

Torque Output Range
0,2 - 1,9 Nm







Technical Data

Medium:
Compressed air, filtered and lubricated

Operation:
Double acting, non-cushioned

Operating Pressure:
2,5 - 8 bar

Operating Temperature:
–20˚C* to +70˚C
*Consult our Technical Service for use below +2˚C

Rotation:
90˚+5˚

Torque Output:
0,75 Nm maximum M/50035
1,9 Nm maximum M/50050

Materials

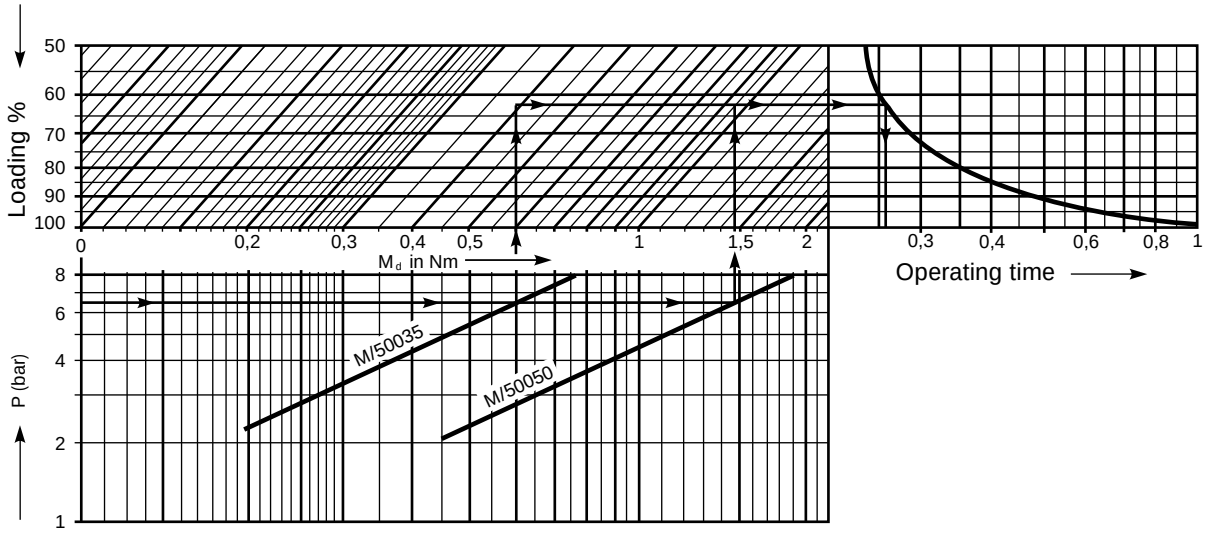
Stainless steel shaft, aluminium body and end covers, nitrile rubber seals.

Ordering Information

To order a 0,75 Nm unit, quote: M/50035.

Torque

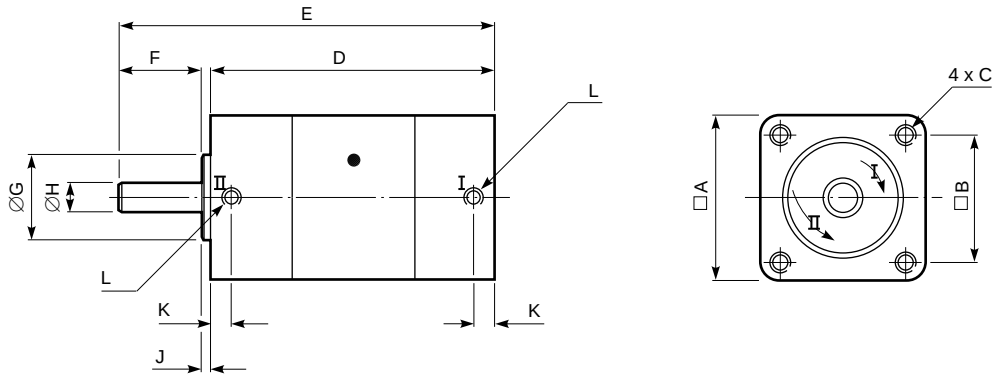
Example: Available pressure 6,5 bar and required torque 0,4 Nm giving 63% loading with M/50035 unit selected and with changeover time 0,25 seconds. With M/50050 unit selected the available torque would be 1,47 Nm.



Weights (kg)

Model	Weight
M/50035	0,28
M/50050	0,85

Basic Torque Unit Dimensions



Model	M/50035	M/50050
A	35	50
B	27	39
C	M4x10 deep	M5x10 deep
D	60	85
E	77,5	112,5
F	15	25
Gf7	25	35
Hf8	6	10
J	2,5	2,5
K	5	6,5
L	M5	M5

Port connections: Port I gives clockwise rotation when looking on the shaft end whilst Port II gives anti-clockwise rotation.

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under **'Technical Data'**.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN MARTONAIR.
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.