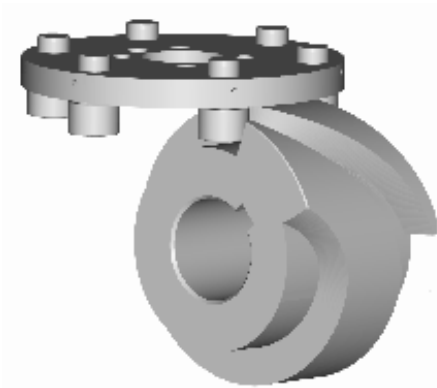




The **E-Series Index Drive** is ideal for heavy-duty rotary dial applications. Their compact, low-profile design reduces floor space requirements while providing a large output mounting surface. Capable of supporting static loads in excess of 500,000 lbs, E-Series Index Drives are ideal for dial plate applications of up to 50 feet (15 m) in diameter. They can also be used in large conveyor drive systems. **Features**

- **Large output mounting surface** supported by a 4-point contact bearing superior thrust and moment capacity
- **Large center thru hole** to accommodate stationary center post, electrical wiring and air or hydraulic lines
- **Complete motorized drive package** with reducer and brake-motor combinations to suit most applications
- **Precision cam** with preloaded cam followers for maximum accuracy
- **Durable welded steel housing**
- **Preloaded "center rib" design** for smooth acceleration and deceleration with precision positioning

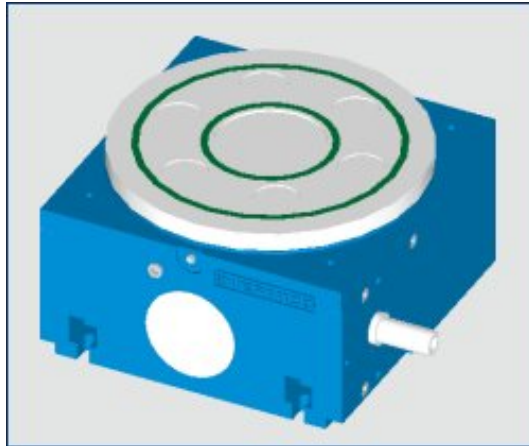


IMC Right Angle Index Drives are ideal for dial applications or actuation-type applications such as driving a linkage or in-line conveyor. Right Angle Index Drives feature:

- **Fixed Center Distance** between input and output
- **Hardened, ground barrel cam**
- **Flanged-Shaft or Dial Output**
- **Compact Design** requiring minimum use of floor space.
- Preloaded "rib-centered" design with Modified Sine motion provides **smooth acceleration and deceleration** with **precision positioning**.
- **Universal mounting** available on RA models.
- **Center Thru-Hole** in RAD models facilitates passage of electrical wiring, pneumatic lines or mechanical linkages.

INTERMICO Rotary index tables

no. of stations
2 - 10, 12, 16



cylinder-bead cam indexer

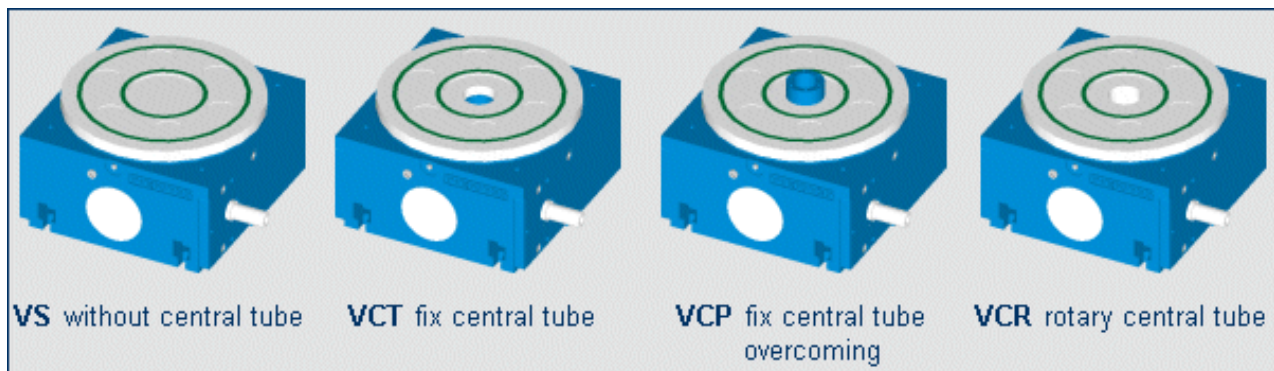
cam hardened and ground
cross-roller seating of the indexing plate
cast-iron housing (processed on all sides)
large oil inspection glass enables the monitoring of cams and rollers without disassembly of table
replacement of cam rollers possible without disassembling the table

| | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Nm | 55 | 204 | 280 | 890 | 4650 | 11700 | 22000 | 33000 |
| series | IR201 | IR251 | IR301 | IR401 | IR601 | IR801 | IR1001 | IR1301 |
| tableØ | 185 | 220 | 274 | 344 | 465 | 640 | 960 | 1330 |
| design of housing | | | | | | | | |

Overview of construction series

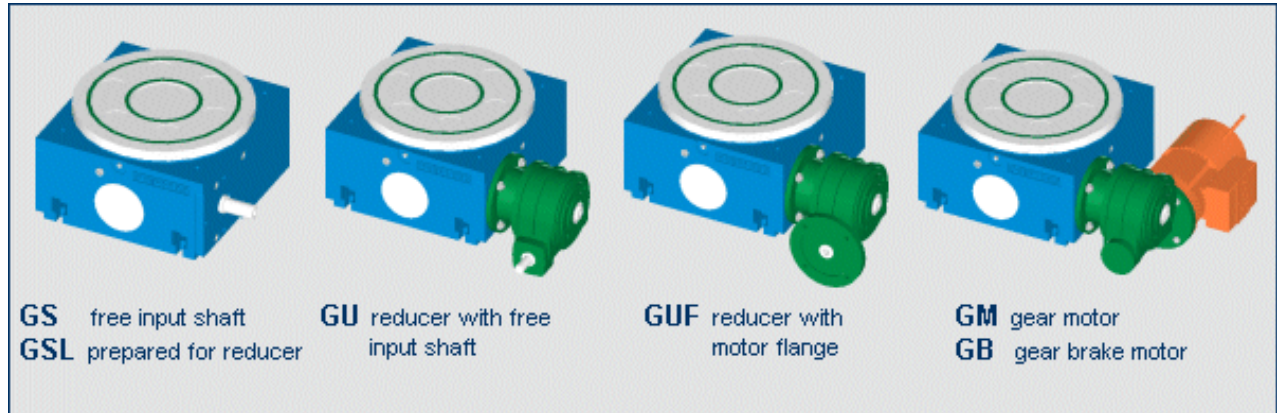
Additionally, rotary index tables of the construction series IR1801 and IR2001 can be supplied as special models.

* The permissible torque is strongly dependent on the number of stations and index angle. (Specifications for 4 stations, index angle 270°)



Central tube models

The designs with central tube enable the performance of supply lines (e.g. pneumatics for work piece tensioning devices) through the indexing table. The model VCP additionally enables the attachment of stationary assembly parts above the indexing plate.

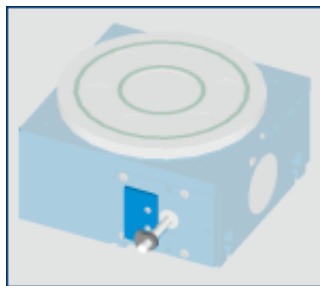


Design of drives

All rotary tables can be supplied with drives in various design standards. Worm gears or bevel gear units are applied as step-down gears. The applied three-phased current (braking) motors are products of the manufacturer

The standard worm gears with a friction coupling are supplied for the protection of the table in case of an emergency stop.

Accessories:



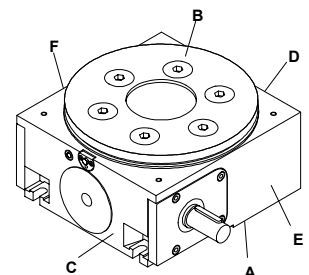
Attachment for microswitch

comprising assembly plate, screw-in bolts and radial cams for limiting switches. Aligned to the basic types of limiting switch (contactless, with roller lever, with lifter), 3 different forms of radial cam can be supplied.

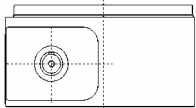
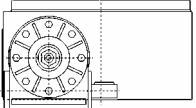
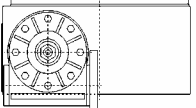
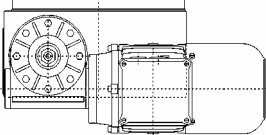
Surfaces

- 1 surfaces with input shaft
- 2 surfaces with output shaft
- 3 surfaces with fastening bores
- 4 surfaces with oil bores
- 5 lower surface after installation

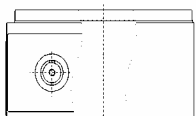
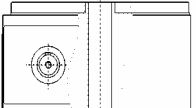
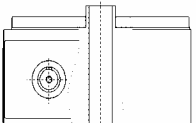
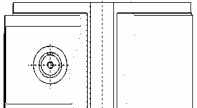
| A | B | C | D | E | F | Preference |
|---|---|---|---|---|---|------------|
| | | | | ■ | ■ | E |
| | ■ | | | | | B |
| ■ | ■ | | ■ | | | A |
| ■ | | ■ | | | | C |
| ■ | ■ | | ■ | | | |



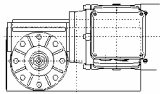
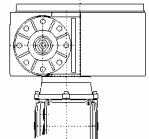
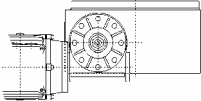
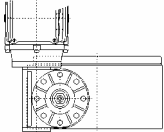
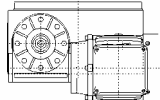
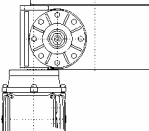
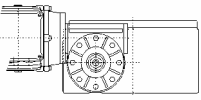
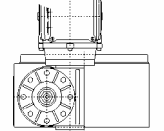
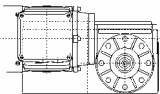
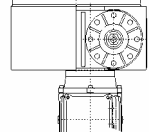
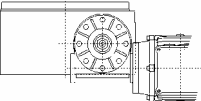
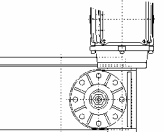
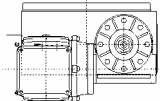
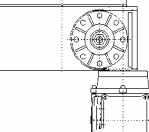
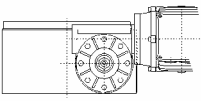
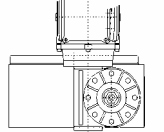
Versions






| | | | |
|---|--|--|---|
| <input type="checkbox"/> GS with free input shaft  | <input type="checkbox"/> GU with reducer with free input shaft  | <input type="checkbox"/> GUF with reducer with motor flange  | <input type="checkbox"/> GM with geared motor <input type="checkbox"/> GB with geared brake motor  |
|---|--|--|---|

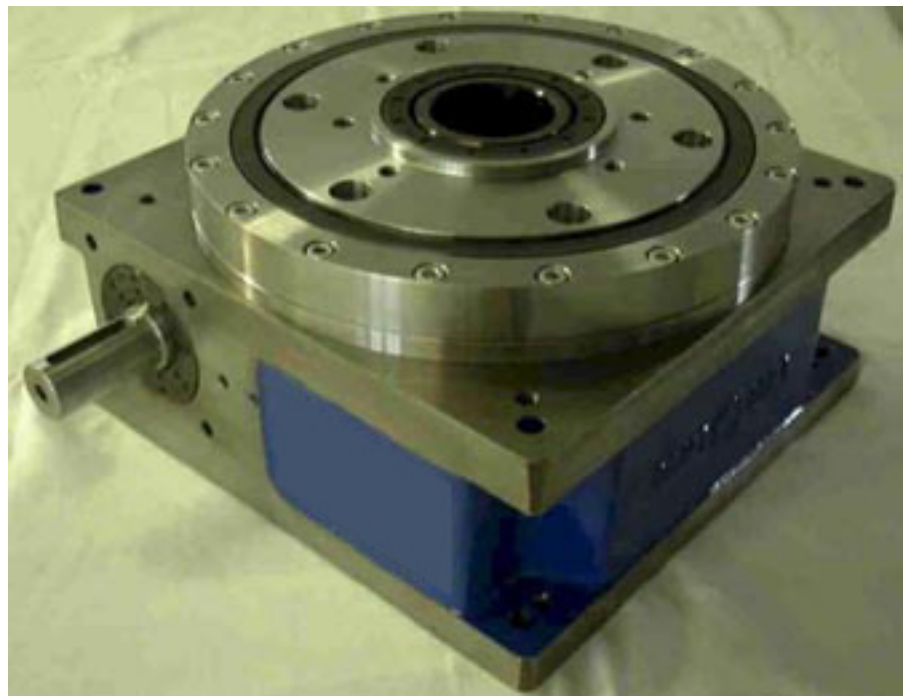
Central tube models

| | | | |
|--|--|--|---|
| <input type="checkbox"/> VS without central tube  | <input type="checkbox"/> VCT with fix central tube  | <input type="checkbox"/> VCP with fix central tube overcoming  | <input type="checkbox"/> VCR with rotary central tube  |
|--|--|--|---|






Mounting position of reducer

| | | | | |
|------------------|--|--|---|--|
| on surfaces E | <input type="checkbox"/> 71  | <input type="checkbox"/> 72  | <input type="checkbox"/> 73  | <input type="checkbox"/> 74  |
| | <input type="checkbox"/> 75  | <input type="checkbox"/> 76  | <input type="checkbox"/> 77  | <input type="checkbox"/> 78  |
| on surfaces F | <input type="checkbox"/> 81  | <input type="checkbox"/> 82  | <input type="checkbox"/> 83  | <input type="checkbox"/> 84  |
| | <input type="checkbox"/> 85  | <input type="checkbox"/> 86  | <input type="checkbox"/> 87  | <input type="checkbox"/> 88  |

-  4 Baugrößen für Teller Ø 200- 2000
-  Sonderausführungen für Teller bis Ø 10.000
-  stabile und flache Gehäuse GG
-  hohe Axial-, Radialkräftekräfte und Kippmomente durch grossdimensionierte Vierpunktlager
-  stabile Mittelsäule mit grosser Bohrung



Schaltung und Rast
spiefrei durch
standardmässige Trommel-
Stegkurve

-  2 Baugrößen für Teller Ø 200- 1000 mm
-  leichte Ausführung
-  Gehäuse Alu-Guss, allseitig bearbeitet
-  Mittenbohrung in feststehender Säule serienmässig
-  Einbaulage beliebig

