

6.1 Product Characteristics ARS

As a complement to the linear modules, the rotary module ARS was developed.

All rotating elements move within an oil bath. The sealed housing allows any required vertical and horizontal installation positions.

By using optimally dimensioned cross-roller bearings for the rotating table, these modules can accept very high axial and radial forces.

With single or double bearing supports for the worm gear shafts, rapid positioning as well as precise reversing operation is possible.

The worm drive, through an eccentric cam, can be adjusted to have practically no play (backlash). The drive consists of a carefully selected combination of materials with low wear.

The large dimensioned through bore is particularly suitable for pass-through applications and for the passing through of lines or cables.

The numerous accessories, such as base plates and table plates, reference switches, motors and control systems have to be ordered separately.

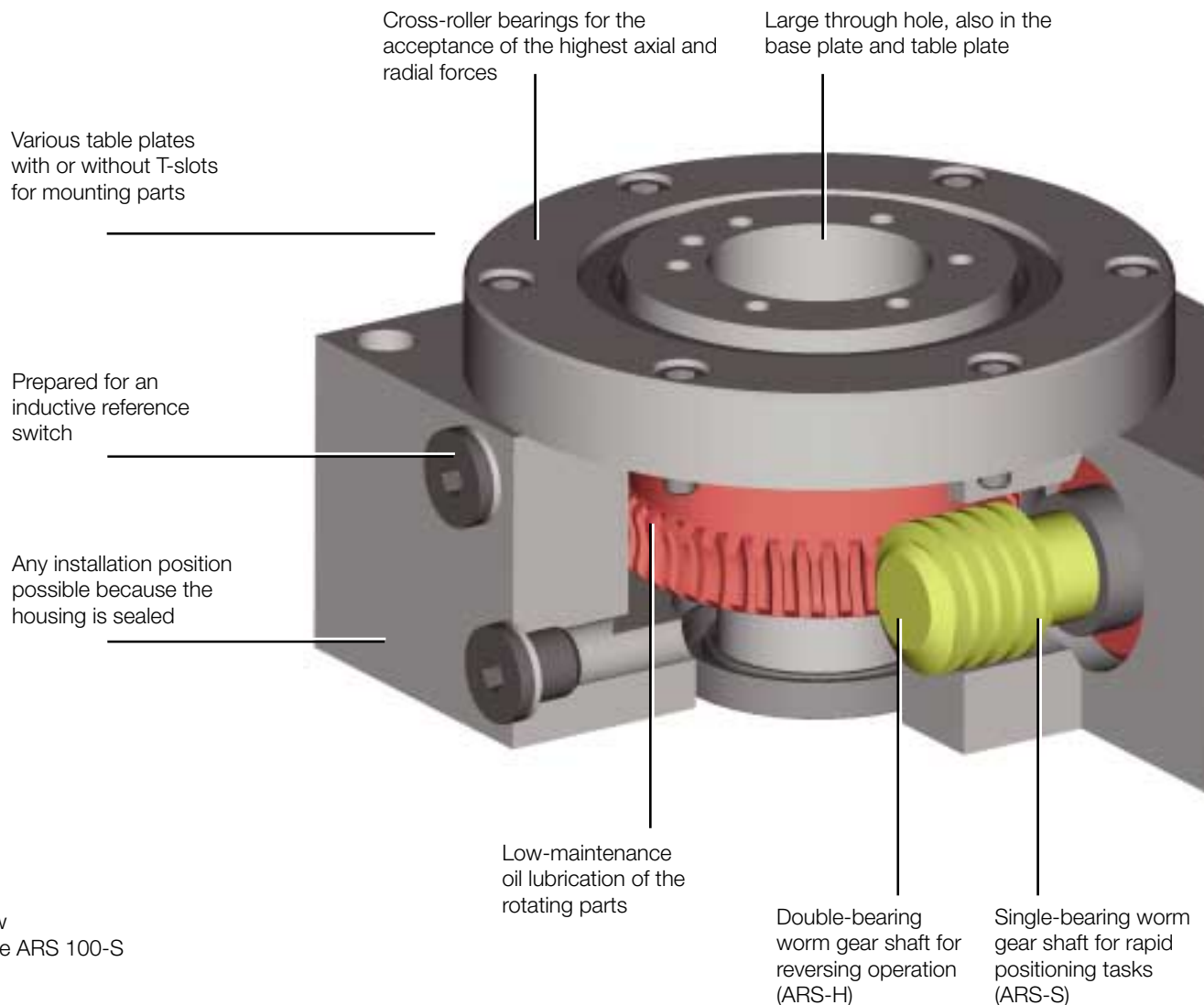
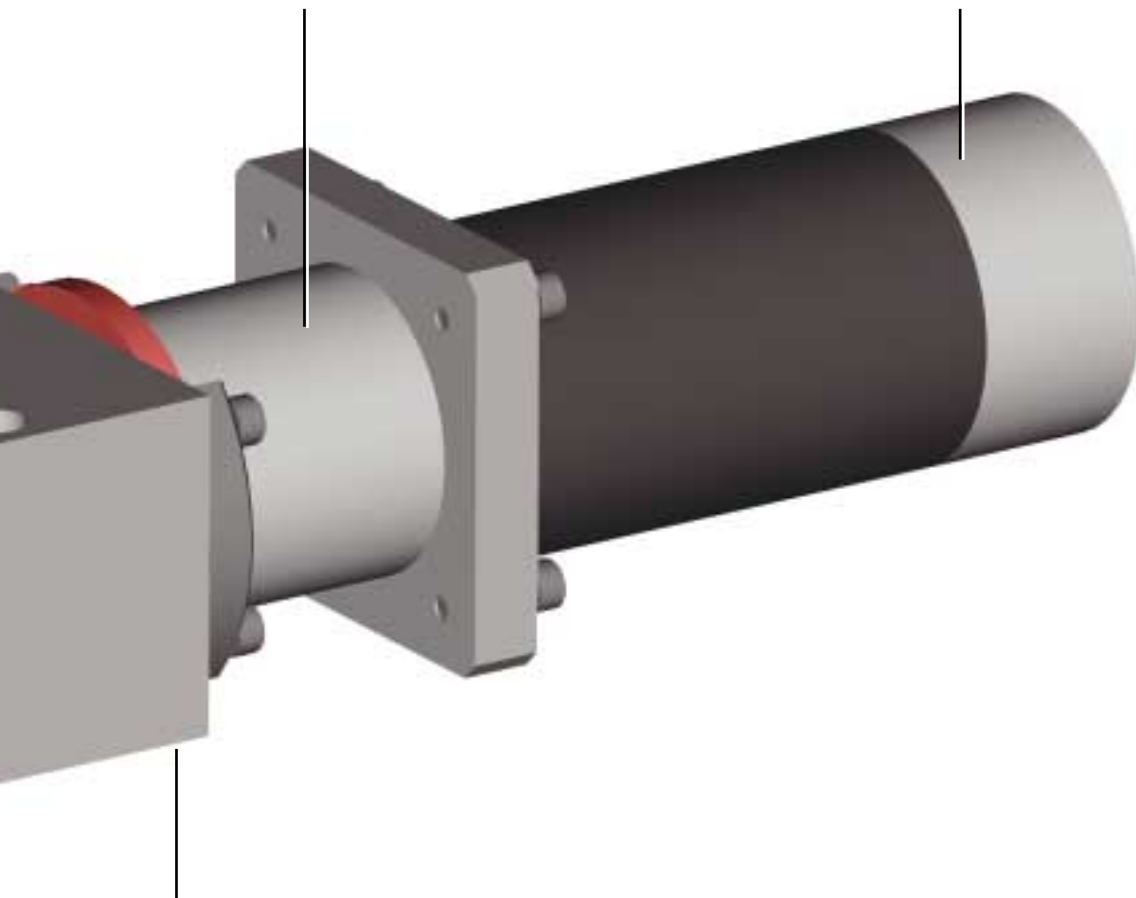


Figure 1:
Selection view
Rotary module ARS 100-S

Coupling housing with motor
flange and coupling

Possible attachment of commercially available motors
(2-, 3- or 5-phase stepping motors or DC/AC-servomotors)



Adaptation of the base plate is possible