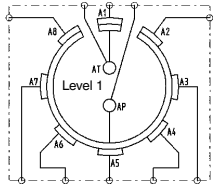


No. 6992H-11

Rotary coupling

controlled, single-acting.
One loading and unloading station,
max. operating pressure 350 bar



Order no.	Article no.	Connections inputs loading	Connections inputs processing	Connections outputs loading	Connections outputs processing	Ambient temp. [°C]	Q max. [l/min]	NG	Weight [Kg]
324533	6992H-11-06	1	1	1	5	-10 - +60	8	5	3,6
324541	6992H-11-08	1	1	1	7	-10 - +60	8	5	3,5
324558	6992H-11-10	1	1	1	9	-10 - +60	8	5	3,5

Design:

Rotary feed-through housing from spheroid graphite iron with radial oil connections 1/4" thd. Rotary piston from nitrided, hardened steel with radial and front oil connections 1/4" thd. The reductions in the face side connections can be used as O-ring connections.

Application:

Rotary couplings transmit flows of hydraulic oil from a stationary machine component to a rotating one. They are located in the rotary axis of a rotating system. The controlled rotary couplings may only be operated with hydraulic oil. Types 6992H-11 are designed for single-acting cylinders. One loading/unloading station and 5, 7 or 9 processing stations can be connected.

Features:

Rotary vane construction. Multiple hydraulic cylinders are supplied with hydraulic oil simultaneously. At the same time, a loading and/or unloading station can be controlled via directional valves for clamping and/or unclamping. High operating pressures due to high-quality components and seals. Compact design. Long service life.

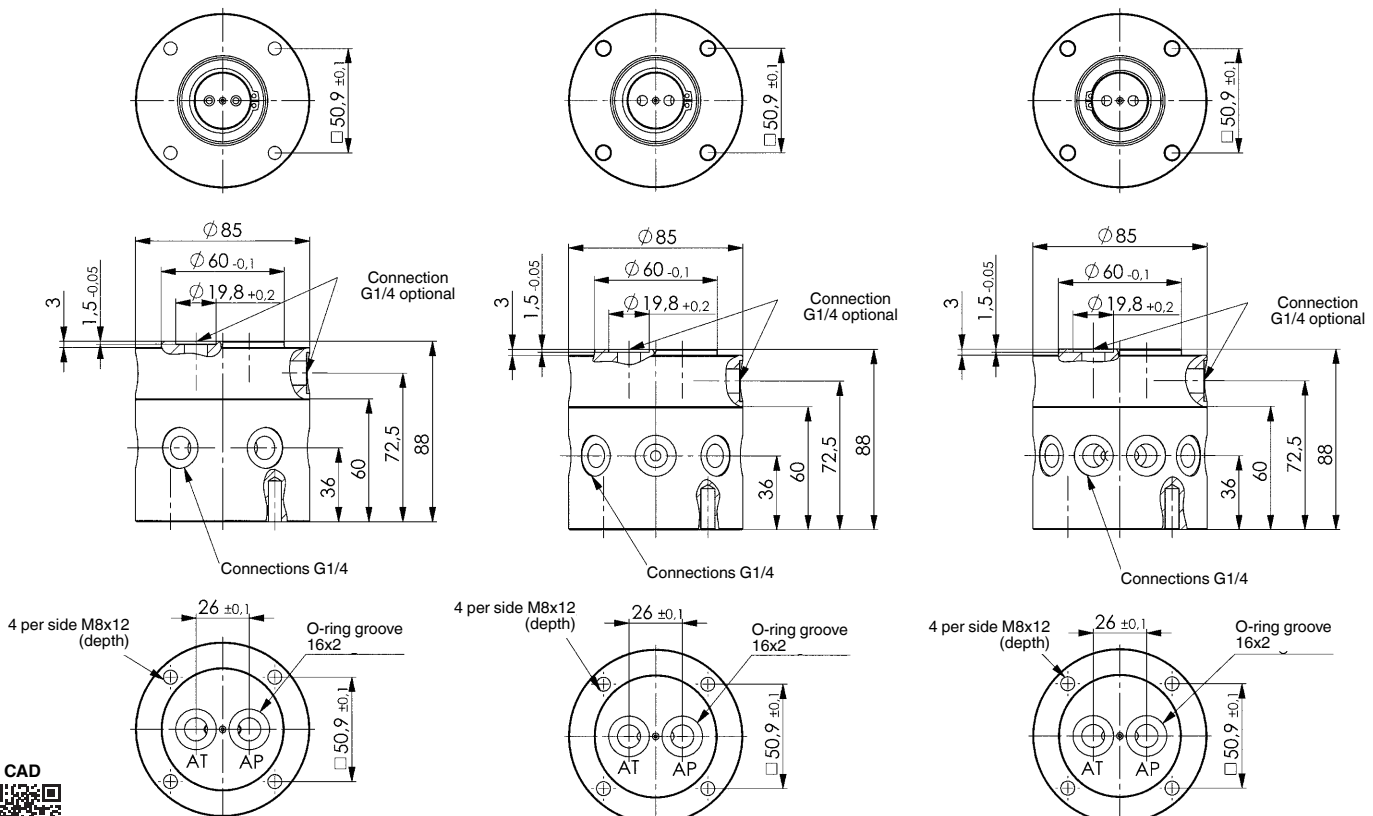
Note:

The controlled rotary couplings can only be used for cyclic operation or at very low rpms. The rotary couplings must be operated without bending forces. We recommend that you screw the rotating housing with the connections to the clamping fixtures, and to secure the rotary pistons only against twisting. Do not introduce any bearing loads! The connections to the rotary pistons must always be via hoses. At operating pressures above 200 bar oil losses occur when the loading and unloading station are unloaded; this can be compensated for using an accumulator. The accumulator that is selected must have the appropriate safety equipment and comply with the safety regulation of the country concerned. We recommend the use of directional seat valves for controlling the rotary couplings.

6992H-11-06

6992H-11-08

6992H-11-10



Subject to technical alterations.

