

Resistant to heat, cold and moisture

Hygiene regulations as a challenge for machines and components

Initial situation:

HUMMEL gets a request from a prospect who is the partner for dynamic and high-torque three-phase synchronous motors, integrated drives and custom drive solutions.

In addition to highly dynamic motors primarily used in industrial screw-driving and joining technology and an extensive standard portfolio with dynamic synchronous motors and integrated drives, the customer has the expertise to generate individual drive solutions from individual components and to precisely meet customer requirements with its technology and experience.

The challenge and results so far:

The company was looking for a solution to the task of fastening a cable gland to the side of the housing without having to flatten the housing.

Solution approach: in addition to the HSK-INOX-HD-Pro, a contour washer was developed, which closes off to the drive housing due to its radius.

Future outlook:

Due to the positive feedback from the end customer, first blanket orders have been called off in the meantime, and new blanket orders are currently being negotiated.

Material HD-enclosure	1.4404 / AISI 316 L
Sealing HD-enclosure	VMQ (Silicone), blue (similar RAL 5012)
Protection	IP 66, IP 68 to 10 bar, IP 69K
Operating Temperature	-40 °C – +120 °C (-40 °F – 248 °F)

