

# STAINLESS MOTORS

- ✓ **SMOOTH SURFACE** and lines for easy cleaning
- ✓ **CUSTOMIZED** solutions as TENV, TEFC, TEWC
- ✓ **HIGHEST IP-STANDARD** for qualified power-jet cleaning
- ✓ Best optimized and **DETAILED QUALITY CHECK**
- ✓ Large power range from **0.18-22KW**
- ✓ Frame sizes from **63 TO 160**
- ✓ **LIFETIME SUPPORT** for all special applications and motors
- ✓ **SPECIAL SOLUTIONS** for all customer requirements from the start of the project until delivery – from a single source
- ✓ Wide range of **TEST POSSIBILITIES** for assured **HIGHEST EFFICIENCY**
- ✓ **OVER 100 YEARS KAISER-MOTOREN** – already more than 15 years of experience within the industry sector of stainless steel motors – **KNOW-HOW THAT WOWS**





# FIGURES AND FACTS

- ✓ **STAINLESS STEEL MOTORS WITH CLEAN SURFACE** (e.g. suitable for food industry)
- ✓ **HOUSING MATERIAL AISI 304** (AISI 316L on request)
- ✓ **TOTALLY ENCLOSED MOTORS:**
  - TENV – **T**otally **E**nclosed **N**on **V**entilated
  - TEFC – **T**otally **E**nclosed **F**an **C**ooled
  - TEWC – **T**otally **E**nclosed **W**ater **C**ooled
- ✓ **POWER RANGE FROM** 0,18kW to 22kW
- ✓ **AVAILABLE FROM FRAME SIZE** 63 to 160
- ✓ **STANDARD POLE FIGURES** 2, 4 and 6
- ✓ **STANDARD MOUNTINGS** B3, B14 and B5
- ✓ **STANDARD PROTECTION** IP66
- ✓ **THERMAL PROTECTION** PTC 155°C
- ✓ **INSULATION SYSTEM UL-CERTIFIED**
- ✓ All motors **EFFICIENCY CLASS IE3 OR HIGHER**
- ✓ All motors suitable for **FREQUENCY DRIVE**
- ✓ **STANDARD SUPPLY VOLTAGE:**
  - 50Hz:** 230/400V resp. 400/690V
  - 60Hz:** 460V
- ✓ **AVAILABLE ON REQUEST:**
  - different power
  - different supply voltage
  - special flange
  - brake
  - ATEX Zone 22
  - higher degree of protection up to IP69K
  - special shaft (no adapter needed)
  - anti-condensation heaters
  - encoder
  - bearings with grease for food applications

