



Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Name: \_\_\_\_\_ Department: \_\_\_\_\_  
 E-mail: \_\_\_\_\_ Date: \_\_\_\_\_

**1. General data of machine**

Ambient temperature: \_\_\_\_\_ °C Starting frequency z: \_\_\_\_\_ 1/h  
 Anticipated shaft misalignment:  
 Axial  $\Delta W_a$  \_\_\_\_\_ mm Radial  $\Delta W_r$  \_\_\_\_\_ mm Angular  $\Delta W_w$  \_\_\_\_\_ °

**2. Driving side**

Diesel engine  Petrol engine  E-motor  Hydraulic motor

**I.C. engine:**

Other: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_  
 Rated torque max.:  $T_{AN}$  \_\_\_\_\_ Nm  
 Speed range from: n= \_\_\_\_\_ up to \_\_\_\_\_ rpm  
 Peak torque:  $T_{AS}$  \_\_\_\_\_ Nm  
 Mass moment of inertia (incl. flywheel)  $J_A$  \_\_\_\_\_ kgm<sup>2</sup> reduced to coupling speed  
 Flywheel effect (incl. flywheel)  $GD_A^2$  \_\_\_\_\_ kgm<sup>2</sup> reduced to coupling speed

**E-motor:**

Starting torque  $T_{AS}$  \_\_\_\_\_ Nm or Tilting torque  $T_{AS}$  \_\_\_\_\_ Nm  
 Asynchronous  Direct starting   $\lambda_{\Delta}$  start   
 Other: \_\_\_\_\_

**3. Load side**

Hydraulic pump  Generator  Piston compressor  Screw compressor

Other: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_  
 Rated torque max.:  $T_{LN}$  \_\_\_\_\_ Nm  
 Speed range from: n= \_\_\_\_\_ up to \_\_\_\_\_ rpm  
 Peak torque:  $T_{LS}$  \_\_\_\_\_ Nm  
 Mass moment of inertia  $J_L$  \_\_\_\_\_ kgm<sup>2</sup> reduced to coupling speed  
 Flywheel effect  $GD_L^2$  \_\_\_\_\_ kgm<sup>2</sup> reduced to coupling speed

Please observe protection note ISO 16016.	Drawn: 2016-10-20 Pz/Zee	Replacing: KTR-N dated 2014-08-08
	Verified: 2016-10-20 Pz	Replaced by:

**4. With compressors**

Compression stages \_\_\_\_\_ Quantity of cylinders \_\_\_\_\_  
Arrangement of cylinders \_\_\_\_\_ Tangential force diagramme \_\_\_\_\_

**5. Documentations and specifications by QM**

Material test certificate: \_\_\_\_\_  
 Initial sample test report: \_\_\_\_\_  
 ATEX:  Yes  No \_\_\_\_\_  
 Marine:  Yes  No \_\_\_\_\_  
 Other: \_\_\_\_\_

**6. Marine specifications**

Customer: \_\_\_\_\_  
Customer project: \_\_\_\_\_  
Kind of driving side: \_\_\_\_\_ Kind of driven side: \_\_\_\_\_  
Main drive  Auxiliary drive   
    with main drive: \_\_\_\_\_ single-shaft unit  or multi-shaft unit   
Classification companies:  ABS  DNV • GL  LR  CCS  
 ClassNK  Other: \_\_\_\_\_  
Material test certificate:  3.1  3.2 \_\_\_\_\_  
Crack detection:  Yes  No \_\_\_\_\_  
Shipyard: \_\_\_\_\_  
Hull No.: \_\_\_\_\_  
Remark: \_\_\_\_\_

**7. Drive system with connecting dimensions required:**
