

# Datenblatt

**Bezeichnung** : GEAR PUMP  
**Datenblatt-Nr** : 162770  
**Teilenummer** : 330574-5  
**Änderungsdatum** :  
**Kundennummer** : 108374  
**Kunde** : IMPEXRON GmbH

**Referenz** : A2035342  
**Vorgang** : 2035342  
**Druckdatum** : 14.04.15

| MERKMAL                                  | MERKMALAUSPRÄGUNG                    |
|------------------------------------------|--------------------------------------|
| gear pump                                | R35/63 FL-Z-DB16-W-SAE2-R-S0         |
| acc. to drawing                          | MZ330304-7                           |
| complete assembled and tested            |                                      |
| suction connection                       | acc. SAE2 (without flange)           |
| pressure connection                      | acc. SAE2 (without flange)           |
|                                          |                                      |
| pump data:                               |                                      |
| pumping medium                           | mineral oil                          |
| fluid temperature in deg. C              | <= +80                               |
| kin. viscosity in mm <sup>2</sup> /s     | 33                                   |
| oil flow approx. in dm <sup>3</sup> /min | 92                                   |
| inlet pressure in bar                    | 0 (-0,4...+0,4)                      |
| outlet pressure in bar                   | < 6                                  |
| speed in rpm                             | 1500                                 |
| sense of rotation (seen on shaft end)    | cw                                   |
| requested driving power in kW            | 1,72 (6 bar / 33 mm <sup>2</sup> /s) |
| kind of shaft sealing                    | rubber radial shaft sealing          |
|                                          |                                      |
| pressure relief valve                    | ja (mit interner Rückführung)        |
| opening pressure (valve) in bar          | 6                                    |
| pressure range (valve) in bar            | 6...16                               |
|                                          |                                      |
| pump materials:                          |                                      |
| casing                                   | EN-GJL-250 (GG-25)                   |
| gear shafts                              | 16MnCr5                              |
| elastomere                               | FKM                                  |
|                                          |                                      |
| further data                             |                                      |
| coating                                  | 1-component alkyd resin enamel       |
|                                          | RAL 6011 (reseda-green)              |
|                                          | acc. Rickmeier's standard            |
| internal pump preservation (pump)        | by test fluid                        |
| approx. net weight gearpump in kg        | 10,3                                 |
|                                          |                                      |
| A.m. product is not conform to           |                                      |
| the ATEX rules.                          |                                      |