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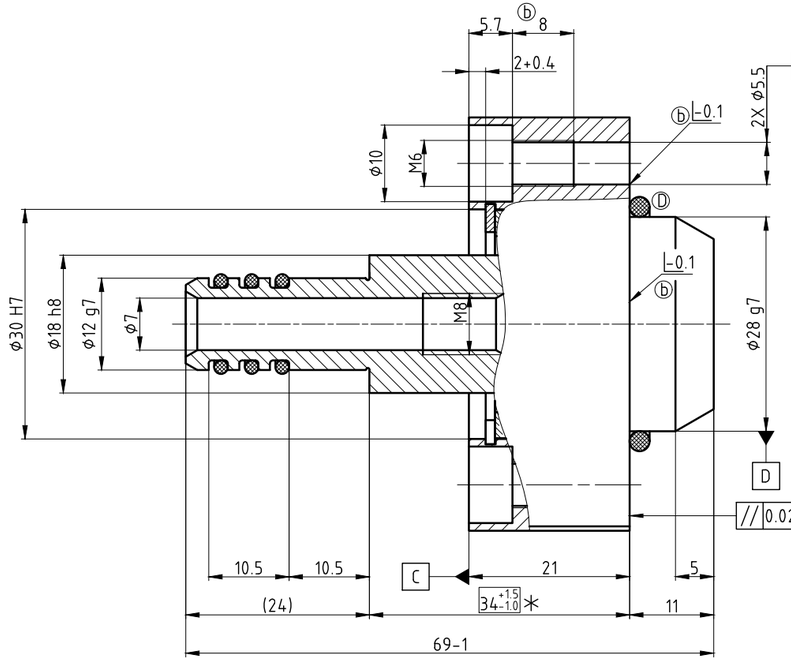
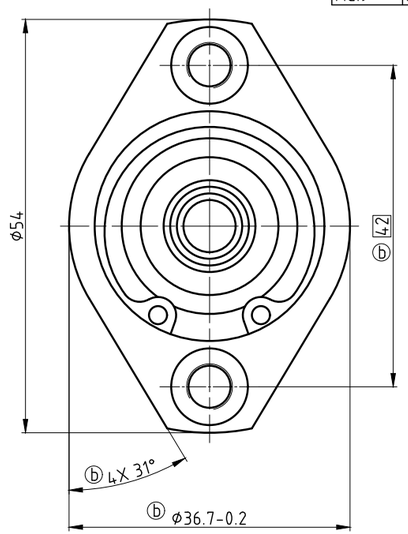
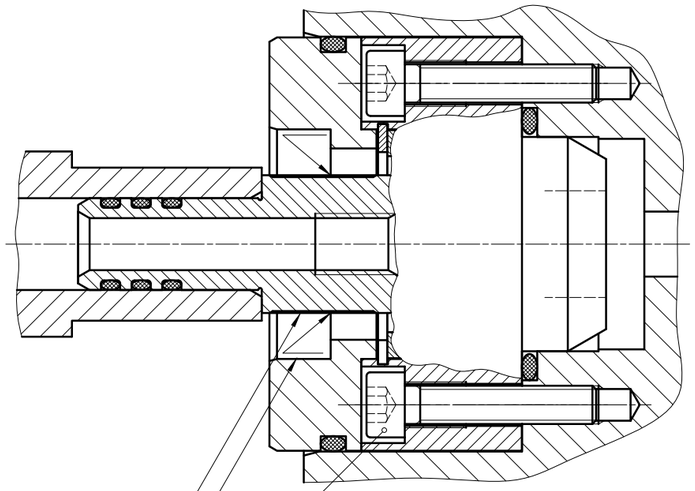
# BEARINGLESS UNION, INSTALLED
## Dichtungssatz, eingebaut




| | | | |
|---|---|---|---|
| ⌀30 | H7 | +0.021 0.000 | 30.021 30.000 |
| ⌀28 | g7 | –0.007 –0.028 | 27.993 27.972 |
| ⌀28 | H7 | +0.021 0.000 | 28.021 28.000 |
| ⌀18 | h8 | 0.000 –0.027 | 18.000 17.973 |
| ⌀12 | g7 | –0.006 –0.024 | 11.994 11.976 |
| ⌀12 | H7 | +0.018 0.000 | 12.018 12.000 |
| Maß | | Passung | |

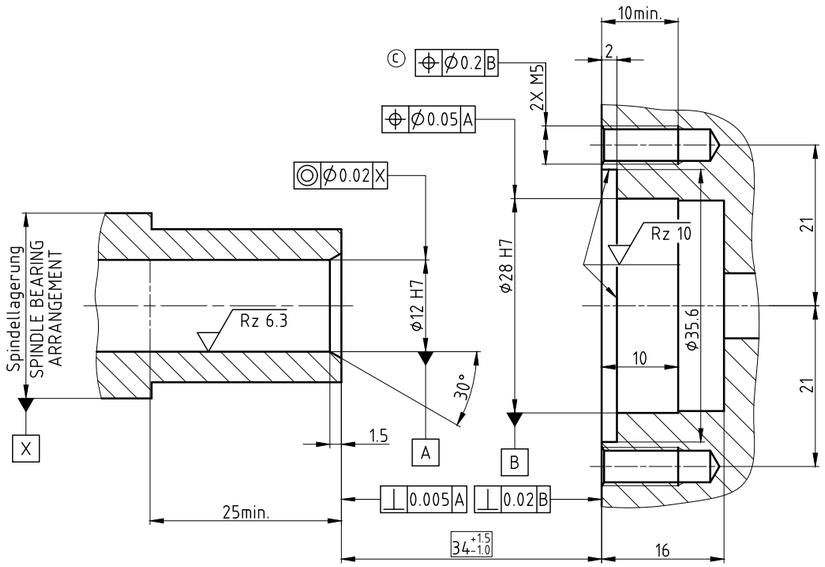


(2×) SCREW DIN 912-M5×25 SUPPLIED BY THE CUSTOMER
(2×) Schraube DIN 912-M5×25 vom Kunden gestellt

ROTARY SHAFT SEAL SUPPLIED BY THE CUSTOMER.
ATTEND MANUFACTURER's SPECIFICATIONS
REGARDING MAXIMUM PERIPHERAL VELOCITY!
Radialwellendichtring vom Kunden gestellt.
Herstellerangaben bezüglich der
max. Umfangsgeschwindigkeit beachten!

$Cr_2O_3$ COATED CONTACT SURFACE
Lauffläche mit $Cr_2O_3$ Beschichtung

## CUSTOMER's INTERFACE
## Schnittstelle des Kunden




* SETTING DIMENSION: 34 MM.
COMPENSATION OF LENGTH ALTERATIONS IN THE RANGE OF –1.0 TO +1.5 MM PERMITTED.
* Einstellmaß: 34 mm.
Kompensation von Längenänderungen im Bereich von –1.0 bis +1.5 mm zulässig. ⓐ

ATTEND THE FLYER WITH MOUNTING INSTRUCTIONS!
Einbauhinweise auf Montage-Faltblatt beachten!

ATTENTION!
SEAL CLOSING REQUIRES A MINIMUM PRESSURE OF 15 PSI OR 1.6 GPM FLOW RATE!
Achtung!
Zum Schließen der Dichtungen ist ein Mindestdruck von 1 bar oder ein Durchfluss von 6 l/min erforderlich!

ATTENTION !
OBSERVE THE AXIAL FORCE, RESULTING FROM THE ACTIVE PRESSURE LOADED AREA AND THE MEDIA SUPPLY PRESSURE !
THE RISE OF FORCE AMOUNTS 12.7 N/bar.
Achtung!
Die aus der hydraulisch aktiven Fläche und dem jeweiligen Druck resultierende Axialkraft beachten !
Der Anstieg der Axialkraft beträgt 12.7 N/bar.

## OPERATING DATA / Betriebsdaten

| | | | | |
|---|---|---|---|---|
| MEDIA/Medium | COOLANT | | KSS | |
| MIN. PRESSURE/p min. | 14 | PSI | 1 | bar |
| MAX. PRESSURE/p max. | 2000 | PSI | 140 | bar |
| MAX. SPEED/n max. [1] | 24000 | RPM | 24000 | 1/min |
| MAX. TEMPERATURE/t max. | 250 | °F | 120 | °C |
| MIN. FLOW/Q min. | 1.6 | GPM | 6 | l/min |
| MAX. FLOW/Q max. | 13 | GPM | 50 | l/min |
| FILTRATION/Filterung | 60 | µm | 60 | µm |
| DRY RUN/Trockenlauf | | YES | | ja |

[1] MAXIMUM SPEED REFERS TO SEAL COMBINATION
Max. Drehzahl bezieht sich auf Gleitringpaarung

| ISSUE | MODIFICATION | ECO | DATE | SIGN |
|---|---|---|---|---|
| D | O-RING ADDED | 009216 | 03/10 | CW |
| c | Tolerance added | 07198 | 23.07.07 | Schmid |
| b | WAS⌀36/4X 30° | 07169 | 21.06.07 | FD |
| a | war -1.0 bis +0.5 | 06258 | 25.09.06 | FD |

UNLESS SPECIFICALLY TOLERANCED, ALL DIMENSIONS ARE CONSIDERED REFERENCE

DEUBLIN GmbH
D-65719 HOFHEIM-WALLAU, GERMANY

PROJECTION:

| | DATE | NAME |
|---|---|---|
| DRN. | 18.07.2006 | F. Dahl |
| ENGR. | 18.07.2006 | H.-J. Huhn |
| APPD. | | |

SCALE: 2:1
Z:\ \UNIONS\
MATERIAL:

TITLE: DEUBLIN BEARINGLESS UNION
DEUBLIN Dichtungssatz

NO. 1129-584-DD
SHEET A2