

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER:JOHNFORD

DISTRIBUTOR:GUEDEL LINEARTEC

DESIGNATION:KRP2+M.31.3.H.28/38

CODE:RX128907-12

CUSTOMER ORDER REF:RX110314T JOHNFORD

REDEX ORDER REF:216124

SERIAL NUMBER:905678

MOTOR FLANGE CODE:RX128581-01

EXTERNAL DIMENSIONS & INTERFACES:



General tolerance: Js13

Cmm

Automatic / manual coordinate-measuring machine

µm

Micrometer

Cr

Calliper rule

Di

Dial indicator

Pg

Plug gauge

HOUSING

OUTPUT PINION

MOTOR FLANGE

| requirement    |                                         | measure          |                             | requirement                             |                      | measure |    | requirement                              |        | measure |     |     |     |     |
|----------------|-----------------------------------------|------------------|-----------------------------|-----------------------------------------|----------------------|---------|----|------------------------------------------|--------|---------|-----|-----|-----|-----|
|                |                                         | E1356            |                             |                                         |                      | J1363   |    |                                          |        |         |     |     |     |     |
| E1             | 212h7 <sup>0</sup> <sub>-0,046</sub> µm | 211,99           | Span dimension over 4 teeth |                                         |                      |         | Ø  | B                                        | 181    | µm      | 181 |     |     |     |
| E2             | 200h7 <sup>0</sup> <sub>-0,046</sub> µm | 199,975          | G1                          | 44,27 <sup>0</sup> <sub>-0,03</sub> Cmm | 44,25                | Ø       | C  | 38 <sup>+0,05</sup> <sub>+0,025</sub> µm | 38,05  |         |     |     |     |     |
| n x H on PCD J |                                         | 12 Ø9 on PCD 233 | Cr                          | 12 Ø9 on PCD 233                        | g1                   | 0,022   | Di | 0,01                                     | Ø      | D       | 8   | Cr  | 8,5 |     |
| A              |                                         | 288              | µm                          | 288,74                                  | No-load input torque |         |    |                                          | Ø      | S1      | 215 | Cr  | 215 |     |
| L              |                                         | 94               | µm                          | 93,79                                   | Line 1               |         |    |                                          | 0,6 Nm | Ø       | Y1  | M12 | Pg  | M12 |

Noise level

@1600 rpm input (dB(A))

62,0

|                                 | Line | Stiffness |
|---------------------------------|------|-----------|
| Torsional stiffness (Nm/arcmin) | 1    | 243,75    |
| Radial stiffness (N/µm)         | 1    | 621       |

For the installation, please refer to User Manual KRP (182/008)

SPECIFIC REMARKS:

Date:20/10/2021

Visa:C DE MIRANDA

Version:A

Product images are for illustrative purposes only.

REDEX

1, Rue Paul De Fontenay  
F- 45210 FERRIERES  
www.redex-group.com

Tel: +33 2 38 94 42 00  
Fax: +33 2 38 94 42 99  
Email: info@redex-group.com

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