

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER:GUEDEL LINEARTEC

DISTRIBUTOR:

DESIGNATION:KRP3+R.31.4.H

CODE:RX128565-12

CUSTOMER ORDER REF:RX106332T STOCK

REDEX ORDER REF:212526

SERIAL NUMBER:901241

MOTOR FLANGE CODE:

EXTERNAL DIMENSIONS & INTERFACES:

SN:901241

Technical drawing of the KRP3+R.31.4.H motor assembly. The drawing includes a front view, a side view, and a detail view of the output pinion. Dimensions are indicated as follows:
 - Front view: Q1 (top left), Q2 (top right), V (height), L (length), E1 (flange diameter), E2 (flange diameter), G1 (pinion diameter).
 - Side view: C (flange thickness), B (flange width), D (flange diameter), Y (flange thickness), J (flange diameter), S (flange diameter).
 - Detail view: G1 (pinion diameter), g1 (pinion thickness).
 - Text: '4 x Y on PCD S' and 'n x H on PCD J'.

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			
		A4716				N2179				-			
E1	255h7 ⁰ _{-0,052}	µm	254.98	Span dimension over 3 teeth				Ø	B	µm			
E2	255h7 ⁰ _{-0,052}	µm	254.99	Ø	G1	39,25 ⁰ _{-0,03}	Cmm	39.235	Ø	C	µm		
n x H on PCD J		16 Ø13,5 on PCD 280	Cr	OK	Ø	g1	0,022	Di	0.02	Ø	D	Cr	
V	337	µm	337	No-load input torque				Ø	S1	Cr			
L	121	µm	121	Line 1				Ø	Y1	Pg			
Ø	Q1	30 ^{+0,009} _{-0,004}	µm	30.008					Noise level				
Ø	Q2	30 ^{+0,009} _{-0,004}	µm	29.996					@1600 rpm input (dB(A))		71.0		
				Torsional stiffness (Nm/arcmin)		1	473,03						
				Radial stiffness (N/µm)		1	1169						

Date:21/02/2018

Version:A

Visa:C DE MIRANDA

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

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

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ZI-BP79
F45210 FERRIERES
www.redex.fr

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