

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER:ATK SPACE SYSTEMS

DISTRIBUTOR:ANDANTEX INCORPORATED

DESIGNATION:KRP1+R.5.2.H

CODE:RX133061-01

CUSTOMER ORDER REF:28089-00 ATK SPACE SYSTEMS

REDEX ORDER REF:212706

SERIAL NUMBER:901531

MOTOR FLANGE CODE:

EXTERNAL DIMENSIONS & INTERFACES:

Technical drawing of the KRP motor showing front, side, and detail views with dimensions: Q1, Q2, V, L, E1, E2, G1, C, B, D, Y, J, S.

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		
			A9253				N2308						
	E1	152h7 ⁰ _{-0,04}	µm	151.99	Span dimension over 3 teeth				Ø	B		µm	
	E2	140h7 ⁰ _{-0,04}	µm	139.99		G1	23,28 ⁰ _{-0,03}	Cmm	23.25	Ø	C		µm
	n x H on PCD J	12 Ø6,5 on PCD 168	Cr	12 Ø6,5 on PCD 168		g1	0,021	Di	0.01		D		Cr
	V	226.5	µm	226.29	No-load input torque				Ø	S1		Cr	
	L	71	µm	70.78	Line 1				0,8 Nm	Ø	Y1		Pg
Ø	Q1	30 ^{+0,009} _{-0,004}	µm	30.005					Noise level				
Ø	Q2	30 ^{+0,009} _{-0,004}	µm	30.009					@1600 rpm input (dB(A))				
					Torsional stiffness (Nm/arcmin)		1	81,39					
					Radial stiffness (N/µm)		1	333					

Date:20/03/2018

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.

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