

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER:

KOMO MACHINE

CUSTOMER ORDER REF:

29189-00 KOMO MACHINE

DISTRIBUTOR:

ANDANTEX INCORPORATED

REDEX ORDER REF:

213956

DESIGNATION:

KRP1+R.10.4.H

SERIAL NUMBER:

903313

CODE:

RX129591-03

MOTOR FLANGE CODE:

RX129474-04

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

KRP

PERFORMANCE SHEET

RX183-006-A

2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:

903313

Technical drawing of the KRP1+R.10.4.H gearbox. The front view shows dimensions V (total height), L (height to output flange), and ØQ1, ØQ2 (input/output shaft diameters). The side view shows dimensions D (flange thickness), ØC (flange bore), ØB (flange outer diameter), and 4 x Y on PCD S (4 mounting holes on the flange). The output pinion view shows dimensions G1 (pitch diameter) and g1 (tooth thickness). The motor flange view shows dimensions ØE1, ØE2 (flange bore and shaft diameters) and n x H on PCD J (n mounting holes on the flange).

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				
		B7412				M3743				B4346				
E1	152h7 ⁰ _{-0,04} µm	151,98	Span dimension over 3 teeth				Ø	B	114,3 ^{+0,047} _{+0,012} µm	114,32				
E2	140h7 ⁰ _{-0,04} µm	139,98	G1	23,28 ⁰ _{-0,03} Cmm	23,265	Ø	C	35 ^{+0,05} _{+0,025} µm	35,04					
n x H on PCD J		12 Ø6,5 on PCD 168	Cr	12 Ø6,5 on PCD 168	Cr	g1	0,021	Di	0,015	Ø	D	8	Cr	8
V		226,5	µm	226,35	No-load input torque				Ø	S1	200	Cr	200	
L		71	µm	70,92	Line 1				0,5 Nm	Ø	Y1	M12	Pg	M12
Ø	Q1	30 ^{+0,009} _{-0,004} µm	30,005	Noise level				@1600 rpm input (dB(A))				66,5		
Ø	Q2	30 ^{+0,009} _{-0,004} µm	30,009	Torsional stiffness (Nm/arcmin)				1	81,39					
				Radial stiffness (N/µm)				1	336					

Date:

26/04/2019

Visa:

C DE MIRANDA

Version:

A