

CUSTOMER:

KIHEUNG MACHINERY

CUSTOMER ORDER REF:

B7297-001 KIHEUNG

DISTRIBUTOR:

REDEX ORDER REF:

219108

DESIGNATION:

DRP4+R.91.4.H

SERIAL NUMBER:

907419

CODE:

RX129047-33

MOTOR FLANGE CODE:

RE207034-00

Mechanical preload data

The preload torque of the gearbox in DUALDRIVE configuration depends on the application data and features of the gearbox.

The preload torque can be increased but must never exceed the maximum value indicated below.

A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	18,1 Nm

For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN:

907419

General tolerance: Js13				Cmm	Automatic / manual coordinate-measuring machine				µm	Micrometer		Cr	Calliper rule		Di	Dial indicator		Pg	Plug gauge	
HOUSING					HOUSING							MOTOR FLANGE								
requirement					measure		requirement					measure		requirement					measure	
					D2243														F4464	
	E	640	⁰ _{-0,1}	Cmm	639,98		P11	100	Cr	100		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,32			
	G	800	^{+0,2} _{-0,2}	Cmm	799,821		P12	100	Cr	100		Ø	C	35	^{+0,05} _{+0,025}	µm	35,04			
//	g	0,05		Cmm	0,011		M	288	^{+0,1} _{-0,1}	Cmm	288,016		D	18		Cr	18			
//	t	0,05		Cmm	0,001		O2	43		Cr	43		Ø	S	200		Cr	200		
//	u	0,035		Cmm	0,004		P21	100		Cr	100		Ø	Y	M12		Pg	M12		
//	v	0,05		Cmm	0,001		P22	100		Cr	100									
	W	160		Cmm	160,007	Ø	T	M24		Pg	M24									
//	w	0,04		Cmm	0,005	OUTPUT PINION														
	X	160		Cmm	160,005	Pinion 1				F533										
//	x	0,04		Cmm	0,004	Span dimension over 3 teeth														
	H	320	^{+0,04} _{-0,04}	Cmm	320,012		G1	46,9	⁰ _{-0,03}	Cmm	46,885			Line		Stiffness				
//	h	0,02		Cmm	0,014	↗	g1	0,022		Di	0,02									
	V1	435		Cmm	435,085						Torsional stiffness (Nm/arcmin)		1	745,99						
	L1	120		Cmm	119,988	Pinion 2							F515		2	745,99				
	V2	435		Cmm	435,16	Span dimension over 3 teeth					Radial stiffness (N/µm)		1	1208						
	L2	120		Cmm	120,15		G2	46,9	⁰ _{-0,03}	Cmm			46,88	2	1016					
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35,01	↗	g2	0,022		Di	0,02	Noise level								
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35,01	No-load input torque														
	J1		/0	Di	0,03	Line				1,4 Nm										
	J2		/0	Di	-0,01	Line 2				1,6 Nm										
	J3		/0	Di	-0,02						@1300 rpm input (dB(A))						73,0			

Date:

18/06/2024

Visa:

C DE MIRANDA

Version:

A