

CUSTOMER:	KIHEUNG	CUSTOMER ORDER REF:	B7297-004 KIHEUNG
DISTRIBUTOR:		REDEX ORDER REF:	219823
DESIGNATION:	DRP4+R.61.4.H	SERIAL NUMBER:	909613
CODE:	RX129047-32	MOTOR FLANGE CODE:	RX129551-07

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 T_p :

Following application

Maximum preload torque:

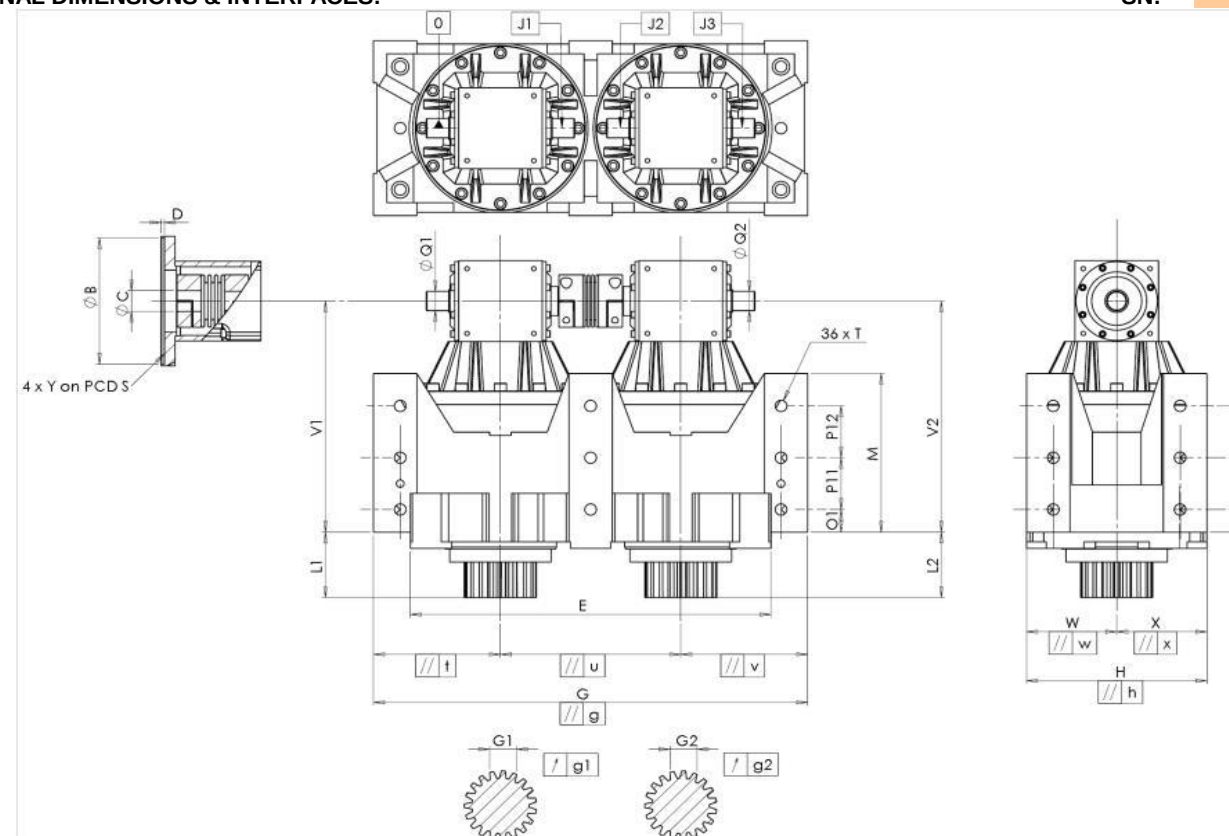
25,8 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 909613



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
-------------------------	------------	--	---------------	------------	-----------	---------------	-----------	----------------	-----------	------------

HOUSING					HOUSING					MOTOR FLANGE				
requirement					measure		requirement					measure		
					G5872							E1719		
E 640 ⁰ _{-0,1}					Cmm	639.97	O1 43					Cr	43	
G 800 ^{+0,2} _{-0,2}					Cmm	799.999	P11 100					Cr	100	
// g 0,05					Cmm	0.014	P12 100					Cr	100	
// t 0,05					Cmm	0.003	M 288 ^{+0,1} _{-0,1}					Cmm	287.989	
// u 0,035					Cmm	0.005	O2 43					Cr	43	
// v 0,05					Cmm	0.003	P21 100					Cr	100	
W 160					Cmm	160.001	P22 100					Cr	100	
// w 0,04					Cmm	0.001	Ø T M24					Pg	M24	
X 160					Cmm	159.983	OUTPUT PINION							
// x 0,04					Cmm	0.002						Pinion 1		H3057
H 320 ^{+0,04} _{-0,04}					Cmm	319.984	Span dimension over 3 teeth							
// h 0,02					Cmm	0.017	G1 46,9 ⁰ _{-0,03}					Cmm	46.88	
V1 435					Cmm	435.154	↗ g1 0,022					Di	0.02	
L1 120					Cmm	120.095	Pinion 2					H3054		
V2 435					Cmm	435.086	Span dimension over 3 teeth							
L2 120					Cmm	120.213	G2 46,9 ⁰ _{-0,03}					Cmm	46.89	
Ø Q1 35 ^{+0,011} _{-0,005}					Cmm	35.008	↗ g2 0,022					Di	0.02	
Ø Q2 35 ^{+0,011} _{-0,005}					Cmm	35.01	No-load input torque							
J1 /0					Di	0	Line					3,5 Nm		
J2 /0					Di	0.02	Line 2					3,1 Nm		
J3 /0					Di	0.02								
										Torsional stiffness (Nm/arcmin)		1	745,99	
												2	745,99	
										Radial stiffness (N/µm)		1	1357	
												2	1124	
										Noise level				
										@1300 rpm input (dB(A))		70.5		

Date: 24/04/2025

Visa: C DE MIRANDA

Version: A