

CUSTOMER: **KIHEUNG MACHINERY LTD.** CUSTOMER ORDER REF: **Z7297-008 KIHEUNG**
 DISTRIBUTOR: **REDEX ORDER REF: 217179**
 DESIGNATION: **DRP4+R.61.4.H** SERIAL NUMBER: **907546**
 CODE: **RX129047-32** MOTOR FLANGE CODE: **RX129551-03**

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:	25,8 Nm

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

SPECIFIC REMARKS:

⁽¹⁾Accepted according to Redex derogation RX13035

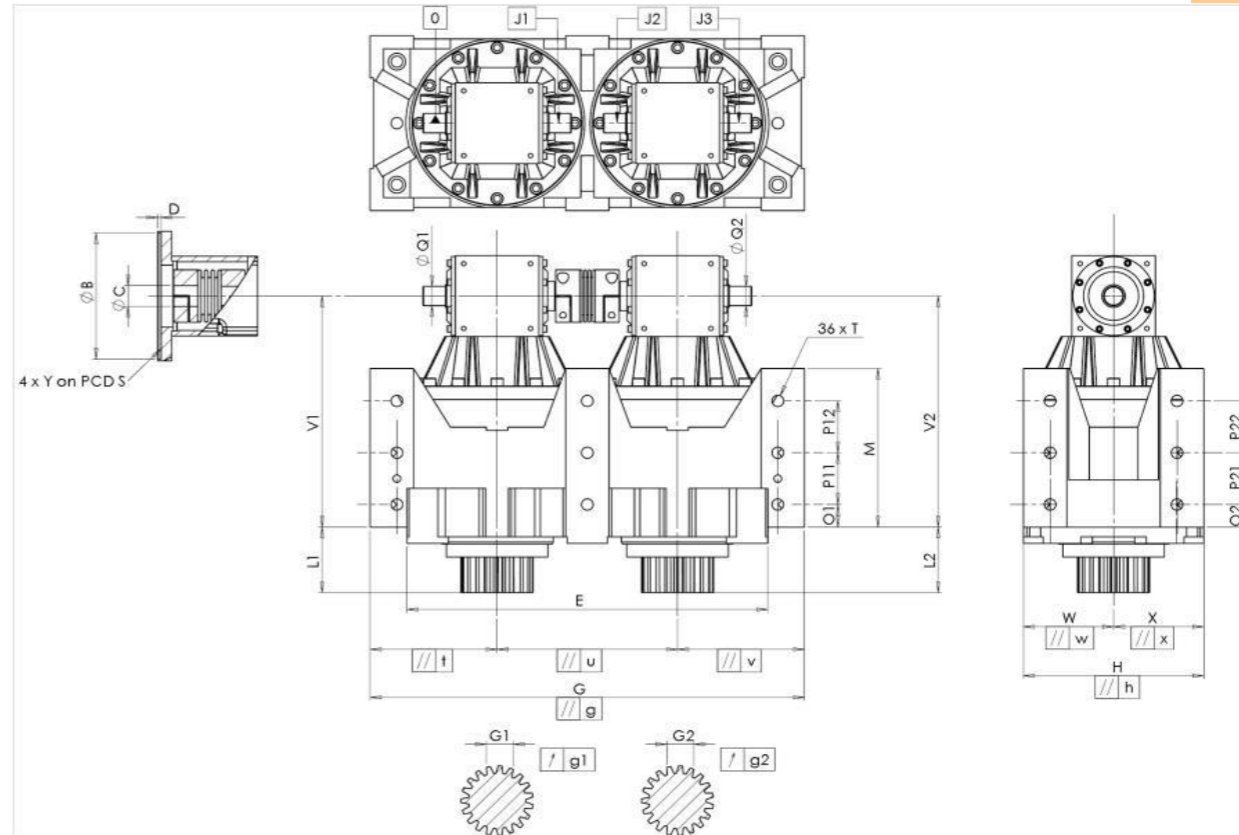
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EXTERNAL DIMENSIONS & INTERFACES: SN: **907546**



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																						
	E 1997		O1	43	Cr	43	F4460																						
E	640 ⁰ _{-0,1}	Cmm	639,969	P11	100	Cr	100	∅ B	114,3 ^{+0,047} _{+0,012}	µm	114,325																		
G	800 ^{+0,2} _{-0,2}	Cmm	799,741 ⁽¹⁾	P12	100	Cr	100	∅ C	35 ^{+0,05} _{+0,025}	µm	35,04																		
// g	0,05	Cmm	0,022	M	288 ^{+0,1} _{-0,1}	Cmm	287,986	D	18	Cr	18																		
// t	0,05	Cmm	0,003	O2	43	Cr	43	∅ S	200	Cr	200																		
// u	0,035	Cmm	0,003	P21	100	Cr	100	∅ Y	M12	Pg	M12																		
// v	0,05	Cmm	0,009	P22	100	Cr	100																						
W	160	Cmm	160,025	∅ T	M24	Pg	M24																						
// w	0,04	Cmm	0,005	OUTPUT PINION																									
X	160	Cmm	159,996	Pinion 1				F549																					
// x	0,04	Cmm	0,001	Span dimension over 3 teeth																									
H	320 ^{+0,04} _{-0,04}	Cmm	320,021	G1	46,9 ⁰ _{-0,03}	Cmm	46,885																						
// h	0,02	Cmm	0,03 ⁽¹⁾	g1	0,022	Di	0,02																						
V1	435	Cmm	435,16	Pinion 2				F552																					
L1	120	Cmm	120,289	Span dimension over 3 teeth																									
V2	435	Cmm	435,136	G2	46,9 ⁰ _{-0,03}	Cmm	46,885																						
L2	120	Cmm	120,421	g2	0,022	Di	0,02																						
∅ Q1	35 ^{+0,011} _{-0,005}	Cmm	35,011	No-load input torque																									
∅ Q2	35 ^{+0,011} _{-0,005}	Cmm	35,007	Line				2,3 Nm																					
J1	/0	Di	0	Line 2				2,3 Nm																					
J2	/0	Di	0,02																										
J3	/0	Di	0,03																										
<table border="1"> <thead> <tr> <th colspan="2"></th> <th>Line</th> <th>Stiffness</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Torsional stiffness (Nm/arcmin)</td> <td>1</td> <td>745,99</td> <td></td> </tr> <tr> <td>2</td> <td>745,99</td> <td></td> </tr> <tr> <td rowspan="2">Radial stiffness (N/µm)</td> <td>1</td> <td>1201</td> <td></td> </tr> <tr> <td>2</td> <td>1072</td> <td></td> </tr> </tbody> </table>														Line	Stiffness	Torsional stiffness (Nm/arcmin)	1	745,99		2	745,99		Radial stiffness (N/µm)	1	1201		2	1072	
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Date: **06/03/2023**

Visa: **C DE MIRANDA**

Version: **A**



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