

CUSTOMER: **KIHEUNG MACHNERY LTD** CUSTOMER ORDER REF: **Z7297-006 R1 KIHEUNG**
 DISTRIBUTOR: **REDEX ORDER REF: 217168**
 DESIGNATION: **DRP4+R.61.4.H** SERIAL NUMBER: **907545**
 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

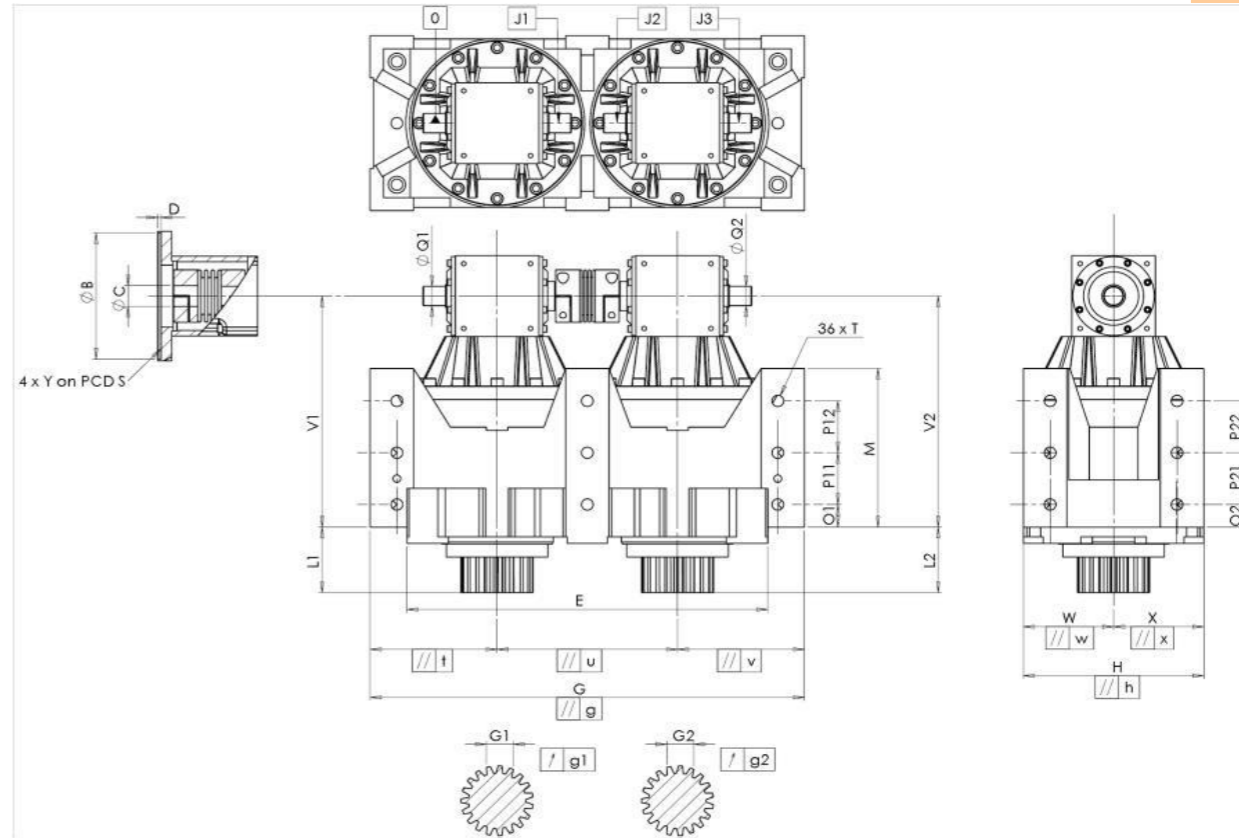
Product images are for illustrative purposes only.



1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com

EXTERNAL DIMENSIONS & INTERFACES: SN: **907545**



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		requirement	measure			
		E 1998		O1	43	Cr	43			F4457				
	E	640 ⁰ _{-0,1}	Cmm	639,968	P11	100	Cr	100	∅	B	114,3 ^{+0,047} _{+0,012}	µm	114,33	
	G	800 ^{+0,2} _{-0,2}	Cmm	799,743 ⁽¹⁾	P12	100	Cr	100	∅	C	35 ^{+0,05} _{+0,025}	µm	35,05	
//	g	0,05	Cmm	0,014	M	288 ^{+0,1} _{-0,1}	Cmm	287,979		D	18	Cr	18	
//	t	0,05	Cmm	0,005	O2	43	Cr	43	∅	S	200	Cr	200	
//	u	0,035	Cmm	0,004	P21	100	Cr	100	∅	Y	M12	Pg	M12	
//	v	0,05	Cmm	0,007	P22	100	Cr	100						
	W	160	Cmm	160,028	∅	T	M24	Pg	M24					
//	w	0,04	Cmm	0,005	OUTPUT PINION									
	X	160	Cmm	159,99	Pinion 1			F512						
//	x	0,04	Cmm	0,001	Span dimension over 3 teeth									
	H	320 ^{+0,04} _{-0,04}	Cmm	320,018	G1	46,9 ⁰ _{-0,03}	Cmm	46,88				Line	Stiffness	
//	h	0,02	Cmm	0,03 ⁽¹⁾	g1	0,022	Di	0,02				Torsional stiffness (Nm/arcmin)	1	745,99
	V1	435	Cmm	435,16	Pinion 2			F536					2	745,99
	L1	120	Cmm	120,242	Span dimension over 3 teeth									
	V2	435	Cmm	435,08	G2	46,9 ⁰ _{-0,03}	Cmm	46,885				Radial stiffness (N/µm)	1	1105
	L2	120	Cmm	120,079	g2	0,022	Di	0,01				2	1035	
∅	Q1	35 ^{+0,011} _{-0,005}	Cmm	35,011	No-load input torque									
∅	Q2	35 ^{+0,011} _{-0,005}	Cmm	35,01	Line			3 Nm				Noise level		
	J1	/0	Di	0	Line 2			3 Nm			@ 1300 rpm input (dB(A))	72,5		
	J2	/0	Di	0,01										
	J3	/0	Di	-0,01										

Date: **06/03/2023**

Visa: **C DE MIRANDA**

Version: **A**



1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com