

CUSTOMER: **KIHEUNG MACHINERY LTD.** CUSTOMER ORDER REF: **A7297-004 KIHEUNG**
 DISTRIBUTOR: **REDEX ORDER REF: 217881**
 DESIGNATION: **DRP4+R.61.4.H** SERIAL NUMBER: **908117**
 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:

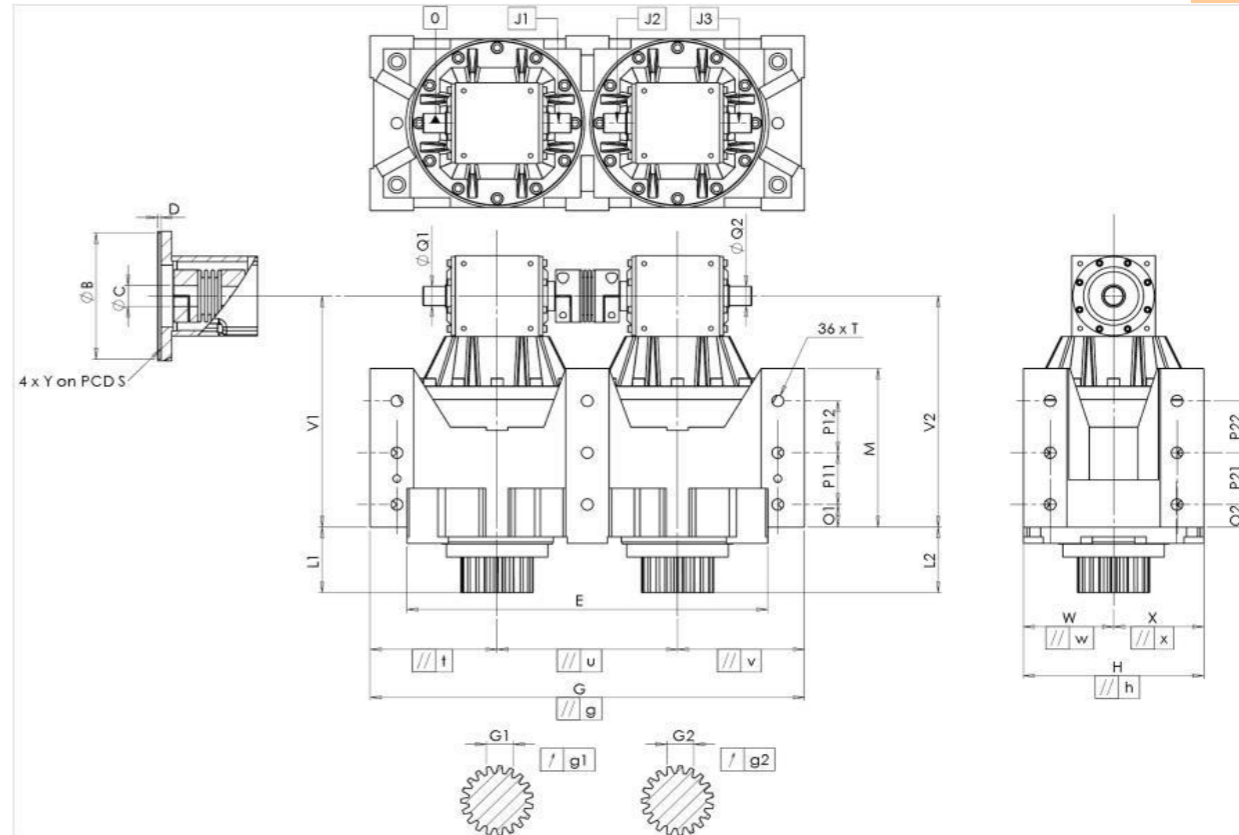
Product images are for illustrative purposes only.



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: **908117**



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		F4456				
	E6312		O1	43	Cr	43	∅	B	114,3	^{+0,047} / _{+0,012} µm	114,34		
E	640	⁰ / _{-0,1} Cmm	639,948	P11	100	Cr	100	∅	C	35	^{+0,05} / _{+0,025} µm	35,04	
G	800	^{+0,2} / _{-0,2} Cmm	799,983	M	288	^{+0,1} / _{-0,1} Cmm	288,014	D	18	Cr	18		
//	g	0,05	Cmm	0,024	O2	43	Cr	43	∅	S	200	Cr	200
//	t	0,05	Cmm	0,004	P21	100	Cr	100	∅	Y	M12	Pg	M12
//	u	0,035	Cmm	0,011	P22	100	Cr	100					
//	v	0,05	Cmm	0,005	∅	T	M24	Pg	M24				
	W	160	Cmm	159,995	OUTPUT PINION								
//	w	0,04	Cmm	0,006	Pinion 1		F5554						
	X	160	Cmm	160,019	Span dimension over 3 teeth								
//	x	0,04	Cmm	0,006	G1	46,9	⁰ / _{-0,03} Cmm	46,88			Line	Stiffness	
	H	320	^{+0,04} / _{-0,04} Cmm	320,014	g1	0,022	Di	0,01			Torsional stiffness (Nm/arcmin)	1	745,99
//	h	0,02	Cmm	0,009	Pinion 2		F5558				2	745,99	
	V1	435	Cmm	435,089	Span dimension over 3 teeth								
	L1	120	Cmm	119,916	G2	46,9	⁰ / _{-0,03} Cmm	46,88			Radial stiffness (N/µm)	1	1348
	V2	435	Cmm	435,057	g2	0,022	Di	0,01			2	1261	
	L2	120	Cmm	119,907	No-load input torque								
∅	Q1	35	^{+0,011} / _{-0,005} Cmm	35,005	Line		2,6 Nm						
∅	Q2	35	^{+0,011} / _{-0,005} Cmm	35,002	Line 2		2,4 Nm						
	J1	/0	Di	0	Noise level								
	J2	/0	Di	0,01	@ 1300 rpm input (dB(A))		71,0						
	J3	/0	Di	0,02									

Date: **22/11/2023**

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