

CUSTOMER: **KIHEUNG MACHINERY** CUSTOMER ORDER REF: ***Z7297-010 KIHEUNG**
 DISTRIBUTOR: **REDEX ORDER REF: 217215**
 DESIGNATION: **DRP4+R.91.4.H** SERIAL NUMBER: **907420**
 CODE: **RX129047-33** 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:	18,1 Nm

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

SPECIFIC REMARKS:

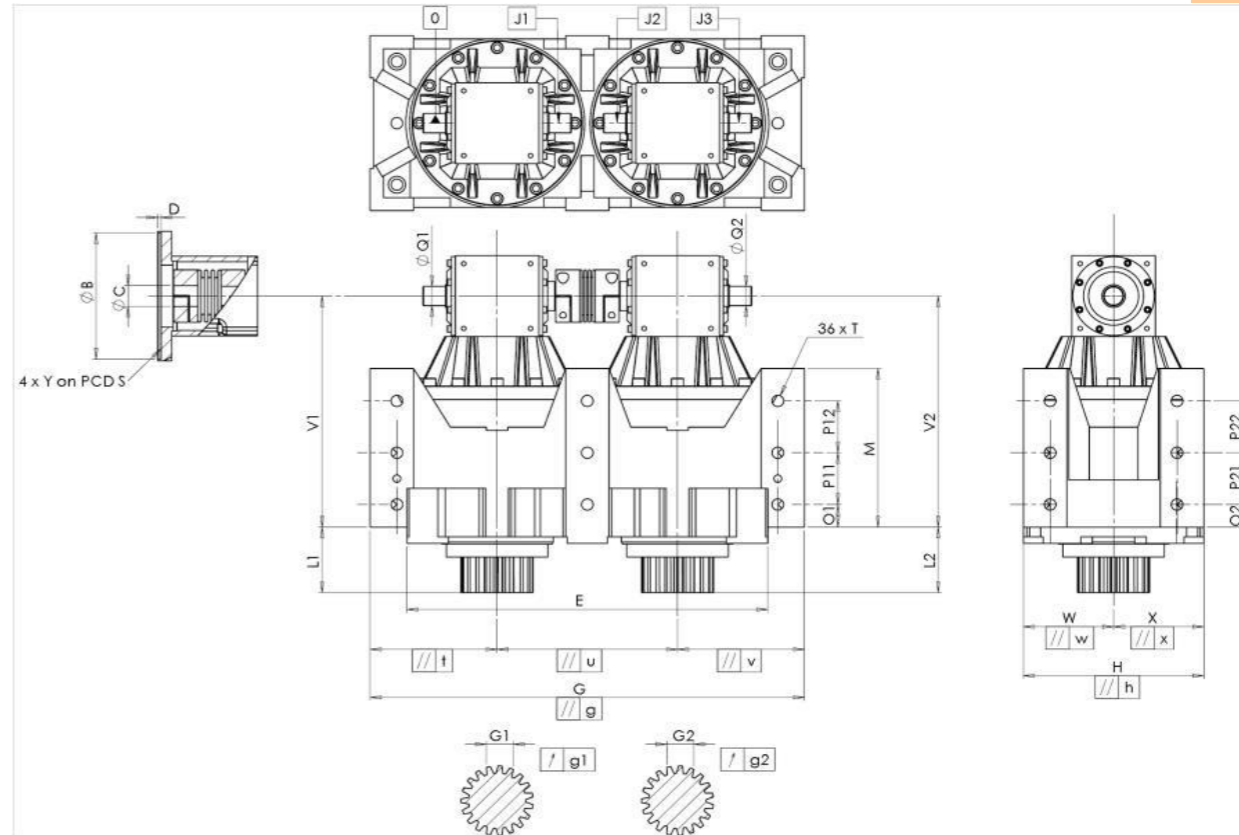
Product images are for illustrative purposes only.



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: **907420**



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			
		D2244		O1	43	Cr	43			F4462				
	E	640 ⁰ _{-0,1}	Cmm	639,955	P11	100	Cr	100	Ø	B	114,3 ^{+0,047} _{+0,012}	µm	114,33	
	G	800 ^{+0,2} _{-0,2}	Cmm	799,8	P12	100	Cr	100	Ø	C	35 ^{+0,05} _{+0,025}	µm	35,03	
//	g	0,05	Cmm	0,01	M	288 ^{+0,1} _{-0,1}	Cmm	288,007		D	18	Cr	18	
//	t	0,05	Cmm	0,004	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	0,002	P22	100	Cr	100						
	W	160	Cmm	160,022	Ø	T	M24	Pg	M24					
//	w	0,04	Cmm	0,001	OUTPUT PINION									
	X	160	Cmm	160,008	Pinion 1			F521						
//	x	0,04	Cmm	0,002	Span dimension over 3 teeth									
	H	320 ^{+0,04} _{-0,04}	Cmm	320,03	G1	46,9 ⁰ _{-0,03}	Cmm	46,875				Line	Stiffness	
//	h	0,02	Cmm	0,013	g1	0,022	Di	0,01				Torsional stiffness (Nm/arcmin)	1	745,99
	V1	435	Cmm	435,103	Pinion 2			F529				2	745,99	
	L1	120	Cmm	120,08	Span dimension over 3 teeth									
	V2	435	Cmm	435,108	G2	46,9 ⁰ _{-0,03}	Cmm	46,88				Radial stiffness (N/µm)	1	1278
	L2	120	Cmm	119,97	g2	0,022	Di	0,01				2	1011	
Ø	Q1	35 ^{+0,011} _{-0,005}	Cmm	35,005	No-load input torque									
Ø	Q2	35 ^{+0,011} _{-0,005}	Cmm	35,004	Line			2 Nm				Noise level		
	J1	/0	Di	0	Line 2			2,1 Nm			@ 1300 rpm input (dB(A))	71,0		
	J2	/0	Di	0,02										
	J3	/0	Di	0,03										

Date: 16/03/2023

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