

CUSTOMER:	KIHEUNG MACHINERY LTD.	CUSTOMER ORDER REF:	Y7297-001 KIHEUNG
DISTRIBUTOR:		REDEX ORDER REF:	215676
DESIGNATION:	DRP4+R.61.4.H	SERIAL NUMBER:	905087
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.

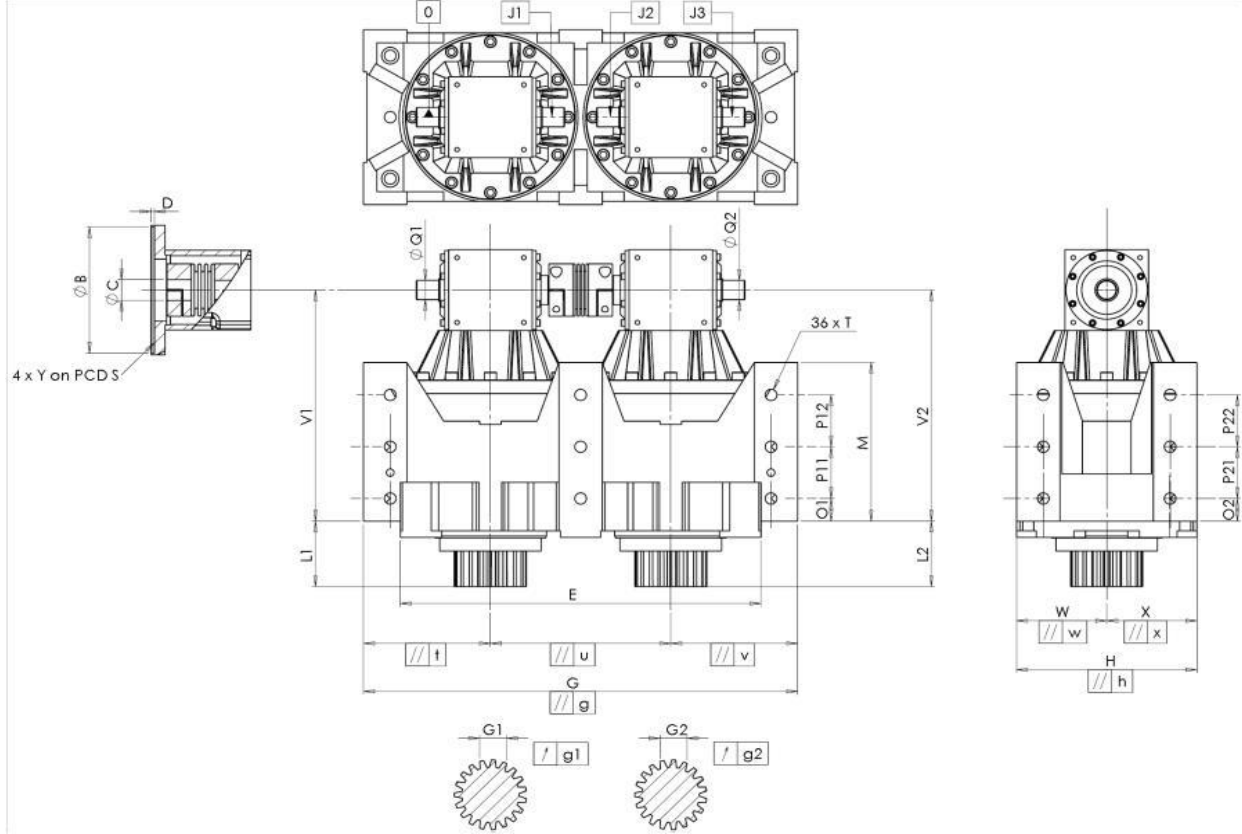
Optimal preload torque Tp:	Following application
Maximum preload torque:	25,8 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:	SN:	905087
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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	
						B11709						43						C6035	
		E	640	⁰ _{-0,1}	Cmm	639,982		O1	43	Cr	43			Ø	B	180G7	^{+0,054} _{+0,014}	µm	180,034
		G	800	^{+0,2} _{-0,2}	Cmm	800,024		P11	100	Cr	100			Ø	C	38F7	^{+0,050} _{+0,025}	µm	38,05
	//	g	0,05		Cmm	0,014		M	288	^{+0,1} _{-0,1}	Cmm	288,011			D	8	Cr	8,08	
	//	t	0,05		Cmm	0,002		O2	43	Cr	43			Ø	S	215	Cr	215	
	//	u	0,035		Cmm	0,021		P21	100	Cr	100			Ø	Y	M14	Pg	M14	
	//	v	0,05		Cmm	0,005		P22	100	Cr	100								
		W	160		Cmm	159,974	Ø	T	M24	Pg	M24								
	//	w	0,04		Cmm	0,013	OUTPUT PINION												
		X	160		Cmm	160,032		Pinion 1				J254							
	//	x	0,04		Cmm	0,013	Span dimension over 3 teeth												
		H	320	^{+0,04} _{-0,04}	Cmm	320,006		G1	46,9	⁰ _{-0,03}	Cmm	46,885							
	//	h	0,02		Cmm	0,015	↗	g1	0,022	Di	0,01								
		V1	435		Cmm	435,116													
		L1	120		Cmm	120,357		Pinion 2				J233			Torsional stiffness (Nm/arcmin)	1	745,99		
		V2	435		Cmm	435,307		Span dimension over 3 teeth											
		L2	120		Cmm	120,334		G2	46,9	⁰ _{-0,03}	Cmm	46,88		Radial stiffness (N/µm)	1	1352			
	Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35,005	↗	g2	0,022	Di	0,02				2	1185			
	Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35	No-load input torque						Noise level						
		J1	/0	Di	0		Line				2 Nm		@1300 rpm input (dB(A))				72,5		
		J2	/0	Di	0,03		Line 2				1,8 Nm								
		J3	/0	Di	0,03														

Date: 25/03/2021

Version: A

Visa: P VASLIER