

CUSTOMER:	KIHEUNG MACHINERY LTD.	CUSTOMER ORDER REF:	T7297-001 KIHEUNG
DISTRIBUTOR:		REDEX ORDER REF:	210801
DESIGNATION:	DRP4+R.61.4.H	SERIAL NUMBER:	899311
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.

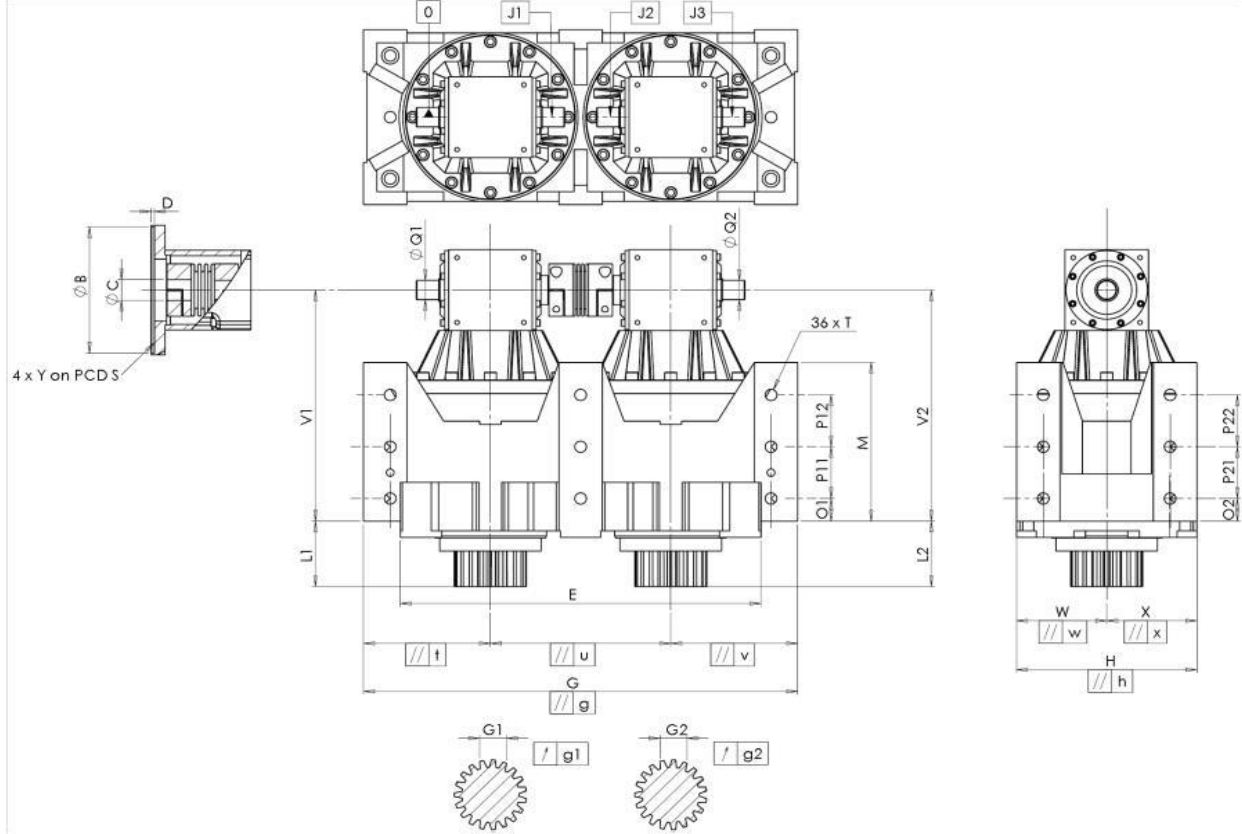
Optimal preload torque Tp:	Following application
Maximum preload torque:	25,8 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:	SN:	899311
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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			
					M1046					O1	43	Cr	43				L7612					
		E	640	⁰ _{-0,1}	Cmm	639,94			P11	100	Cr	100		∅	B	114,3	^{+0,047} _{+0,012}	µm	114,345			
		G	800	^{+0,2} _{-0,2}	Cmm	800,007			P12	100	Cr	100		∅	C	35	^{+0,05} _{+0,025}	µm	35,05			
	//	g	0,05		Cmm	0,022			M	288	^{+0,1} _{-0,1}	Cmm	288,022			D	18	Cr	18			
	//	t	0,05		Cmm	0,006			O2	43	Cr	43		∅	S	200	Cr	199,96				
	//	u	0,035		Cmm	0,006			P21	100	Cr	100		∅	Y	M12	Pg	M12				
	//	v	0,05		Cmm	0,001			P22	100	Cr	100										
		W	160		Cmm	159,994		∅	T	M24	Pg	M24										
	//	w	0,04		Cmm	0,003	OUTPUT PINION															
		X	160		Cmm	159,993			Pinion 1			P1421										
	//	x	0,04		Cmm	0,001	Span dimension over 3 teeth															
		H	320	^{+0,04} _{-0,04}	Cmm	319,987			G1	46,9	⁰ _{-0,03}	Cmm	46,89									
	//	h	0,02		Cmm	0,02		↗	g1	0,022		Di	0,02				Line	Stiffness				
		V1	435		Cmm	435,21			Pinion 2			P1432				Torsional stiffness (Nm/arcmin)	1	745,99				
		L1	120		Cmm	120,136			Span dimension over 3 teeth								2	745,99				
		V2	435		Cmm	435,248			Span dimension over 3 teeth							Radial stiffness (N/µm)	1	1024				
		L2	120		Cmm	120,124			G2	46,9	⁰ _{-0,03}	Cmm	46,89				2	1165				
	∅	Q1	35	^{+0,011} _{-0,005}	Cmm	35,006		↗	g2	0,022		Di	0,015									
	∅	Q2	35	^{+0,011} _{-0,005}	Cmm	34,998	No-load input torque						Noise level									
		J1		/0	µm	0,015			Line			1,4 Nm				@1300 rpm input (dB(A))	71,0					
		J2		/0	µm	0			Line 2			1,5 Nm										
		J3		/0	µm	-0,01																