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Performance sheet	RX183/005-B	1/2
CUSTOMER:	KIHEUNG	CUSTOMER ORDER REF: B7297-002 KIHEUNG
DISTRIBUTOR:		REDEX ORDER REF: 219379
DESIGNATION:	DRP4+R.61.4.H	SERIAL NUMBER: 909166
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.

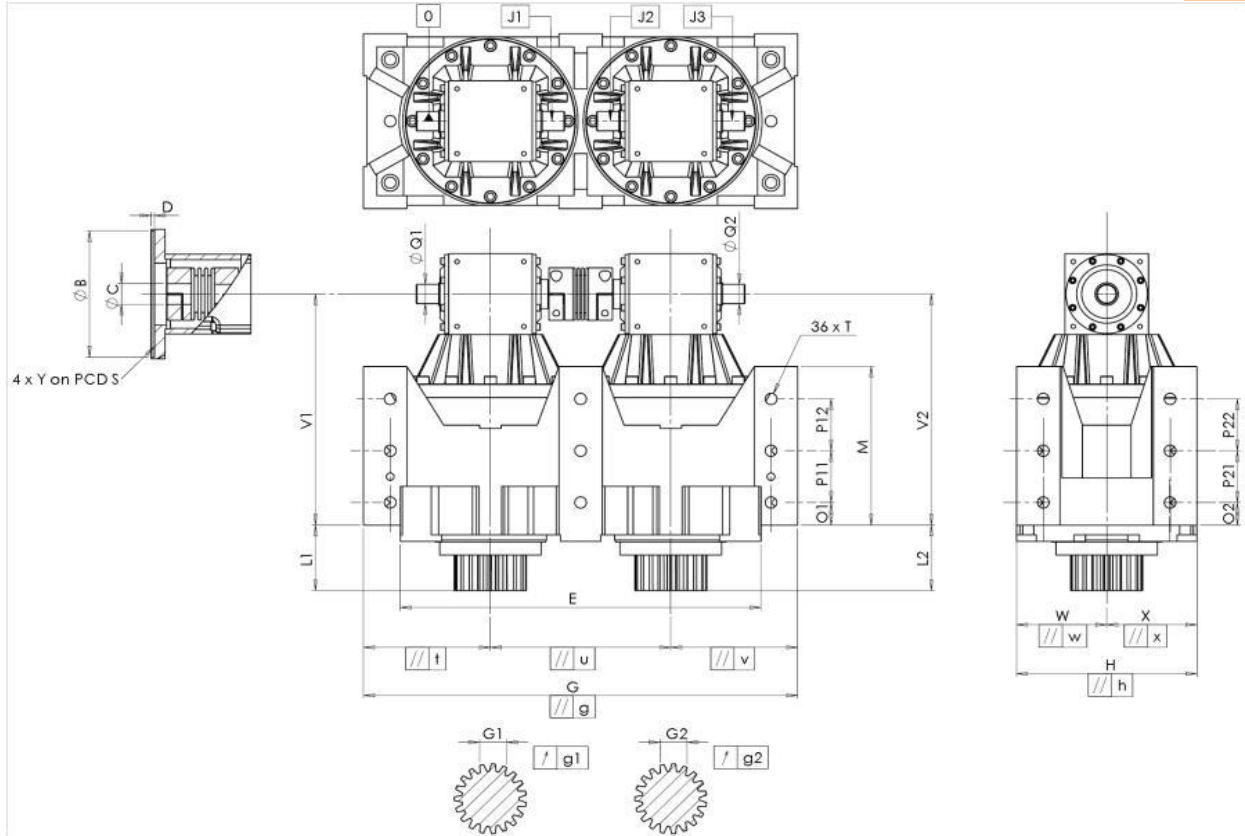
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

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.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 909166
		

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	
					G4763												E3713	
	E	640 ^{0 -0,1}	Cmm	639,952		O1	43	Cr	43		Ø	B	180G7 ^{+0,054 +0,014}	µm	180,035			
	G	800 ^{+0,2 -0,2}	Cmm	800,166		P11	100	Cr	100		Ø	C	38F7 ^{+0,050 +0,025}	µm	38,05			
//	g	0,05	Cmm	0,012		M	288 ^{+0,1 -0,1}	Cmm	288,091			D	8	Cr	8,08			
//	t	0,05	Cmm	0,002		O2	43	Cr	43		Ø	S	215	Cr	215			
//	u	0,035	Cmm	0,004		P21	100	Cr	100		Ø	Y	M14	Pg	M14			
//	v	0,05	Cmm	0,01		P22	100	Cr	100									
	W	160	Cmm	159,99	Ø	T	M24	Pg	M24									
//	w	0,04	Cmm	0,003	OUTPUT PINION													
	X	160	Cmm	160,002	Pinion 1				G4383									
//	x	0,04	Cmm	0,002	Span dimension over 3 teeth													
	H	320 ^{+0,04 -0,04}	Cmm	319,992		G1	46,9 ^{0 -0,03}	Cmm	46,895						Line	Stiffness		
//	h	0,02	Cmm	0,016	↗	g1	0,022	Di	0,01									
	V1	435	Cmm	435,238														
	L1	120	Cmm	120,047	Pinion 2				G4379		Torsional stiffness (Nm/arcmin)		1	745,99				
	V2	435	Cmm	435,248	Span dimension over 3 teeth					2			745,99					
	L2	120	Cmm	120,085		G2	46,9 ^{0 -0,03}	Cmm	46,89	Radial stiffness (N/µm)		1	1359					
Ø	Q1	35 ^{+0,011 -0,005}	Cmm	35,011	↗	g2	0,022	Di	0,01			2		1198				
Ø	Q2	35 ^{+0,011 -0,005}	Cmm	35,009	No-load input torque					Noise level								
	J1	/0	Di	0,03	Line				2,9 Nm		@1300 rpm input (dB(A))				70,5			
	J2	/0	Di	0,03	Line 2				2,6 Nm									
	J3	/0	Di	0,04														

Date: 02/12/2024

Visa: C DE MIRANDA

Version: A