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Performance sheet	RX183/005-B	1/2
CUSTOMER:	NORTHROP GRUMMAN	CUSTOMER ORDER REF: *34816-00 NORTHROP GRUMMAN
DISTRIBUTOR:	REDEX USA	REDEX ORDER REF: 220113
DESIGNATION:	DRP3.R1.21.4.H	SERIAL NUMBER: 910159
CODE:	RX135482-11	MOTOR FLANGE CODE: RX129474-03

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.

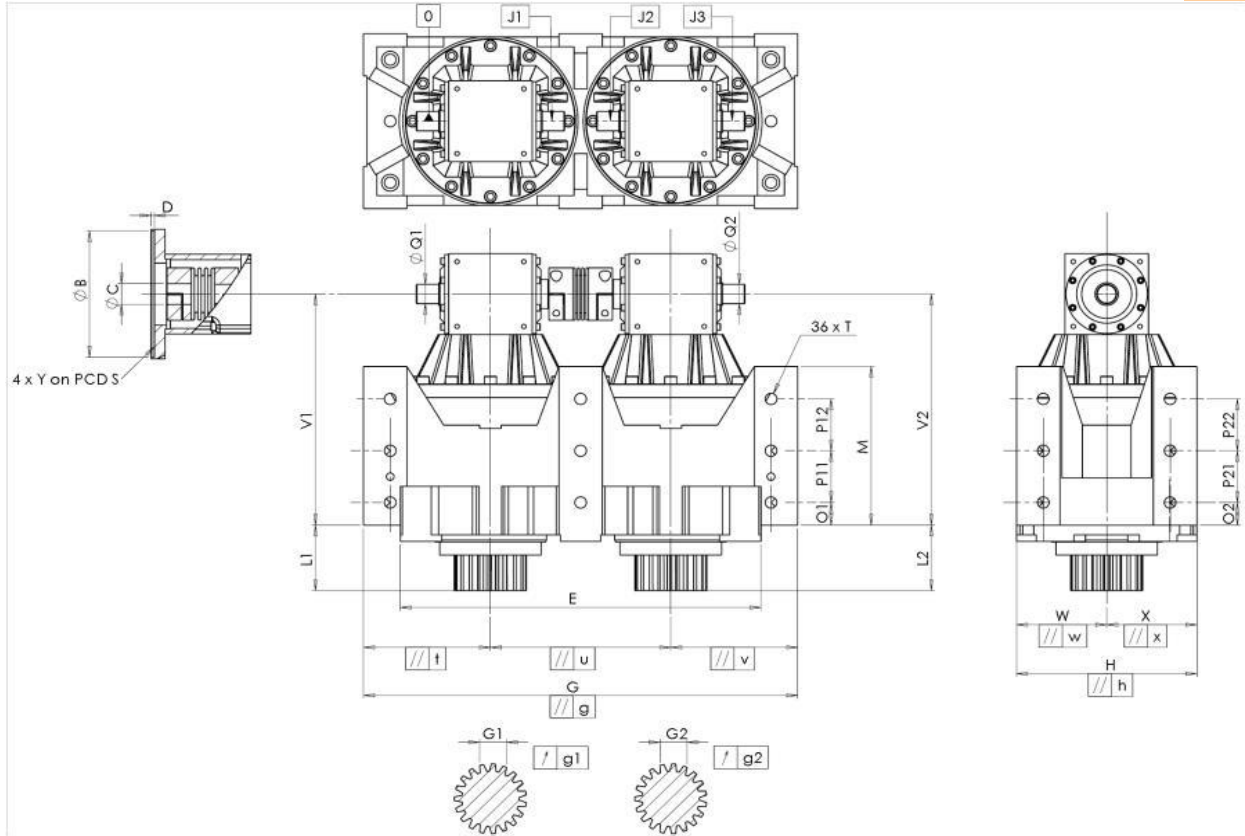
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	34,1 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: 910159
		

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	
					J4141								J2796					
	E	540 ^{0 -0,1}	Cmm	539.997		O1	35	Cr	35		Ø	B	180 ^{+0,054 +0,014}	µm	180.035			
	G	650 ^{+0,2 -0,2}	Cmm	649.975		P11	80	Cr	80		Ø	C	38 ^{+0,05 +0,025}	µm	38.03			
//	g	0,045	Cmm	0.045		M	245 ^{+0,1 -0,1}	Cmm	245.081			D	8	Cr	8.08			
//	t	0,045	Cmm	0.006		O2	35	Cr	35		Ø	S	215	Cr	215			
//	u	0,035	Cmm	0.01		P21	80	Cr	80		Ø	Y	M12	Pg	M12			
//	v	0,045	Cmm	0.007		P22	80	Cr	80									
	W	135	Cmm	135.005	Ø	T	M20	Pg	M20									
//	w	0,035	Cmm	0.001	OUTPUT PINION													
	X	135	Cmm	134.998	Pinion 1				H5231									
//	x	0,035	Cmm	0.001	Span dimension over 3 teeth													
	H	270 ^{+0,04 -0,04}	Cmm	270.004		G1	39,25 ^{0 -0,03}	Cmm	39.237					Line	Stiffness			
//	h	0,02	Cmm	0.008	↗	g1	0,022	Di	0.01									
	V1	357	Cmm	357.099	Pinion 2									H5233				
	L1	101	Cmm	100.971	Span dimension over 3 teeth							Torsional stiffness (Nm/arcmin)	1	473,03				
	V2	357	Cmm	357.116		G2	39,25 ^{0 -0,03}	Cmm	39.243			Radial stiffness (N/µm)	2	473,03				
	L2	101	Cmm	101.048	↗	g2	0,022	Di	0.01				1	1069				
Ø	Q1	30 ^{+0,009 -0,004}	Cmm	30.004	No-load input torque					Noise level								
Ø	Q2	30 ^{+0,009 -0,004}	Cmm	30.004	Line										3,5 Nm			
	J1	/0	Di	0.01	Line 2										3,5 Nm			
	J2	/0	Di	0.02	@1600 rpm input (dB(A))										72.5			
	J3	/0	Di	0.05														

Date: 14/01/2026 Visa: C DE MIRANDA

Version: A