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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: 910158
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)

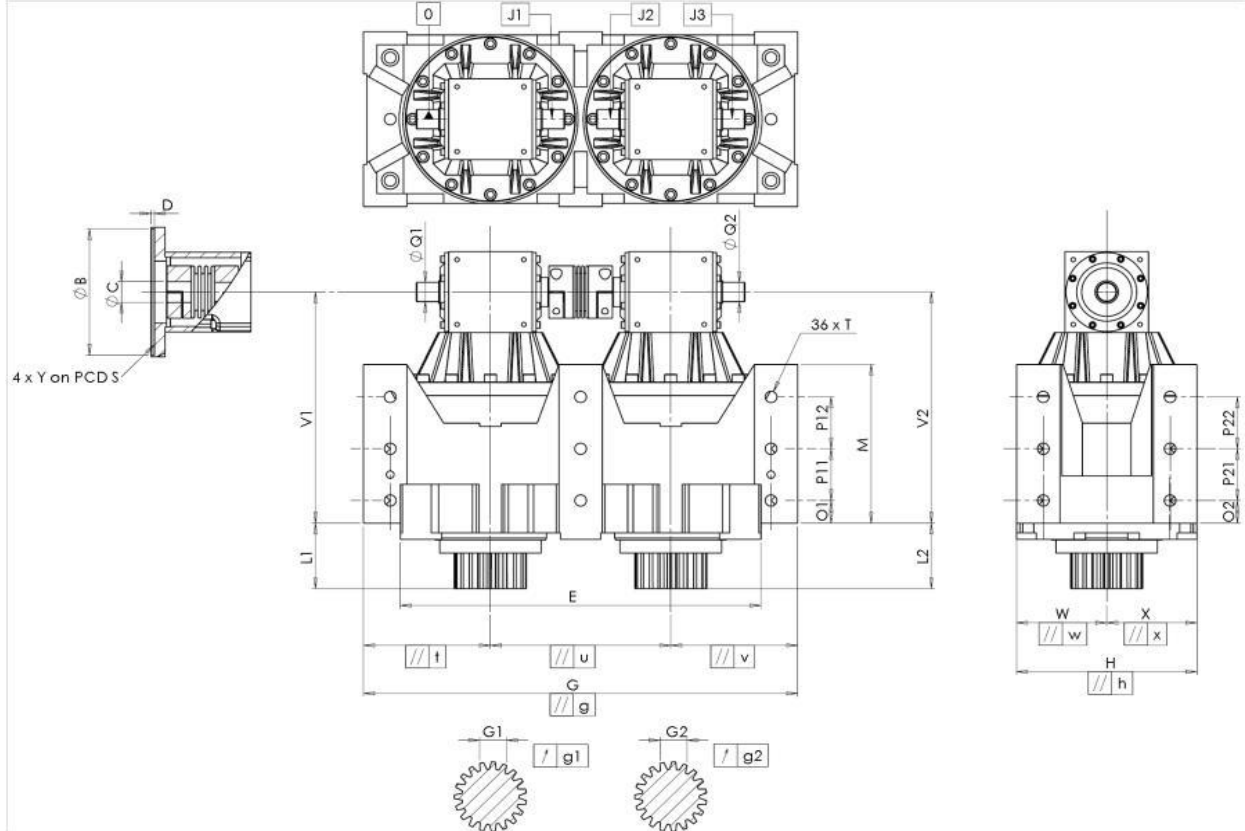
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 910158
		

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				
					J4140							35							J2779				
	E	540	⁰ _{-0,1}	Cmm	539.958		O1	35	Cr	35		Ø	B	180	^{+0,054} _{+0,014}	µm	180.025						
	G	650	^{+0,2} _{-0,2}	Cmm	649.873		P11	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38.03						
//	g	0,045		Cmm	0.008		M	245	^{+0,1} _{-0,1}	Cmm	244.921		D	8		Cr	8.09						
//	t	0,045		Cmm	0.003		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	0.006		P22	80	Cr	80													
	W	135		Cmm	135.003	Ø	T	M20	Pg	M20													
//	w	0,035		Cmm	0.001	OUTPUT PINION																	
	X	135		Cmm	135.013	Pinion 1												H5228					
//	x	0,035		Cmm	0.001	Span dimension over 3 teeth																	
	H	270	^{+0,04} _{-0,04}	Cmm	270.016		G1	39,25	⁰ _{-0,03}	Cmm								39.24					
//	h	0,02		Cmm	0.006	↗	g1	0,022		Di								0.01			Line	Stiffness	
	V1	357		Cmm	357.03	Pinion 2												H5234		Torsional stiffness (Nm/arcmin)		1	473,03
	L1	101		Cmm	101.076	Span dimension over 3 teeth														Radial stiffness (N/µm)		2	473,03
	V2	357		Cmm	356.954		G2	39,25	⁰ _{-0,03}	Cmm								39.24			1	1065	
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30.009	↗	g2	0,022		Di	0.01			2	1013								
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30.002	No-load input torque					Noise level												
	J1	/0		Di	0.03	Line					3 Nm		@1600 rpm input (dB(A))			73.0							
	J2	/0		Di	0.01	Line 2					2,2 Nm												
	J3	/0		Di	0.03																		

Date: 28/11/2025

Visa: C DE MIRANDA

Version: A

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