

CUSTOMER:	HIGH ENERGY	CUSTOMER ORDER REF:	RX113307T
DISTRIBUTOR:		REDEX ORDER REF:	219295
DESIGNATION:	DRP2.R1.61.4.H	SERIAL NUMBER:	909164
CODE:	RX135386-32	MOTOR FLANGE CODE:	

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 T_p :

Following application

Maximum preload torque:

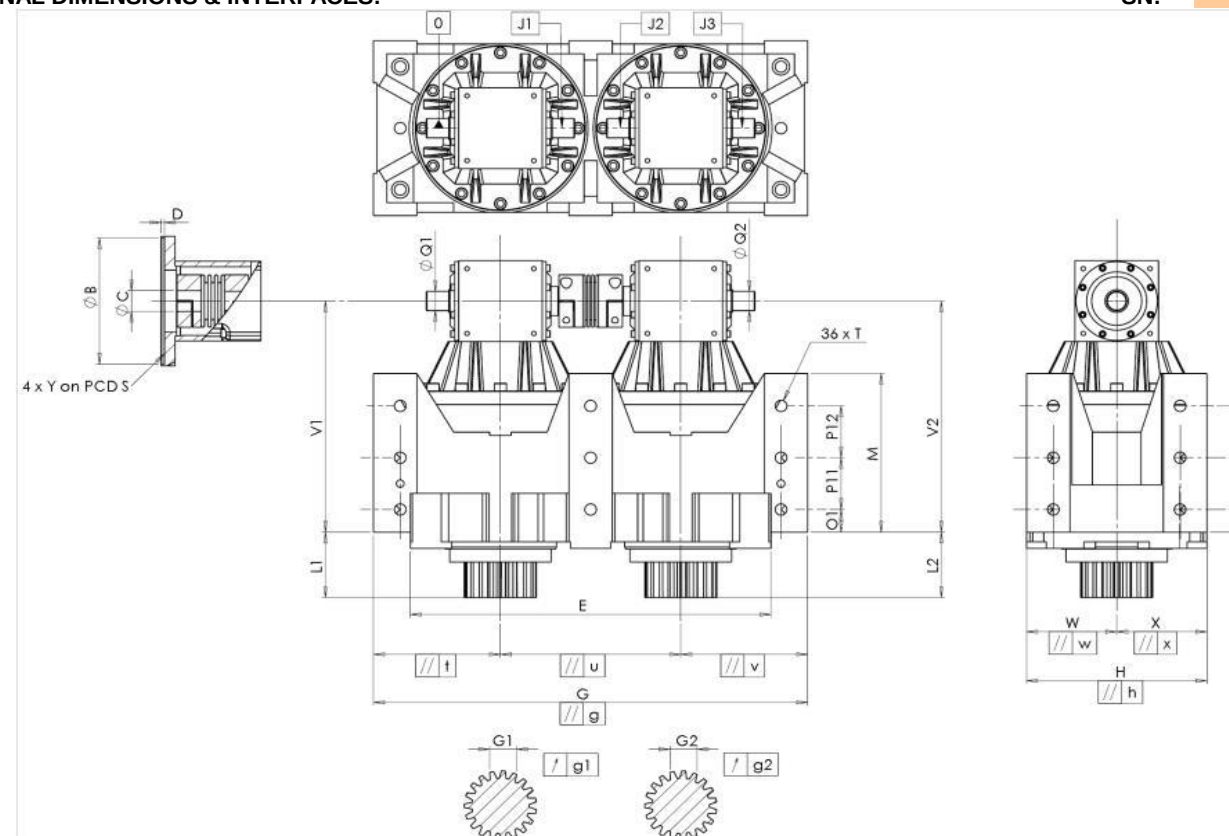
6,7 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 909164



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE									
requirement					measure					requirement					measure				
					H214										-				
	E	460 ⁰ _{-0,05}	Cmm	459,994		O1	30	Cr	30		Ø	B		µm					
	G	560 ^{+0,1} _{-0,1}	Cmm	559,987		P11	75	Cr	75		Ø	C		µm					
//	g	0,045	Cmm	0,034		M	210 ^{+0,1} _{-0,1}	Cmm	209,975			D		Cr					
//	t	0,045	Cmm	0,001		O2	30	Cr	30		Ø	S		Cr					
//	u	0,03	Cmm	0,008		P21	75	Cr	75		Ø	Y		Pg					
//	v	0,045	Cmm	0,003		P22	75	Cr	75										
	W	115	Cmm	114,976	Ø	T	M16	Pg	M16										
//	w	0,03	Cmm	0,008	OUTPUT PINION														
	X	115	Cmm	115,012	Pinion 1					F5096									
//	x	0,03	Cmm	0,007	Span dimension over 4 teeth														
	H	230 ^{+0,025} _{-0,025}	Cmm	229,988		G1	44,27 ⁰ _{-0,03}	Cmm	44,25										
//	h	0,02	Cmm	0,011	↗	g1	0,022	Di	0,01										
	V1	298	Cmm	298,188	Pinion 2					F5100									
	L1	85	Cmm	84,852	Span dimension over 4 teeth														
	V2	298	Cmm	298,163		G2	44,27 ⁰ _{-0,03}	Cmm	44,25										
	L2	85	Cmm	84,91	↗	g2	0,022	Di	0,01										
Ø	Q1	25 ^{+0,009} _{-0,004}	Cmm	25	No-load input torque														
Ø	Q2	25 ^{+0,009} _{-0,004}	Cmm	25,006	Line					0,8 Nm									
	J1	/0	Di	0,02	Line 2					0,8 Nm									
	J2	/0	Di	0,01															
	J3	/0	Di	0,01															
															Noise level				
															@1600 rpm input (dB(A))		71,0		

Date: 08/11/2024

Visa: C DE MIRANDA

Version: A