

CUSTOMER:	REDEX SHANGHAI	CUSTOMER ORDER REF:	
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF:	1000091
DESIGNATION:	DRP3.R1.61.4.H	SERIAL NUMBER:	910666
CODE:	RX135482-32	MOTOR FLANGE CODE:	RX129474-04

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:

14 Nm

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

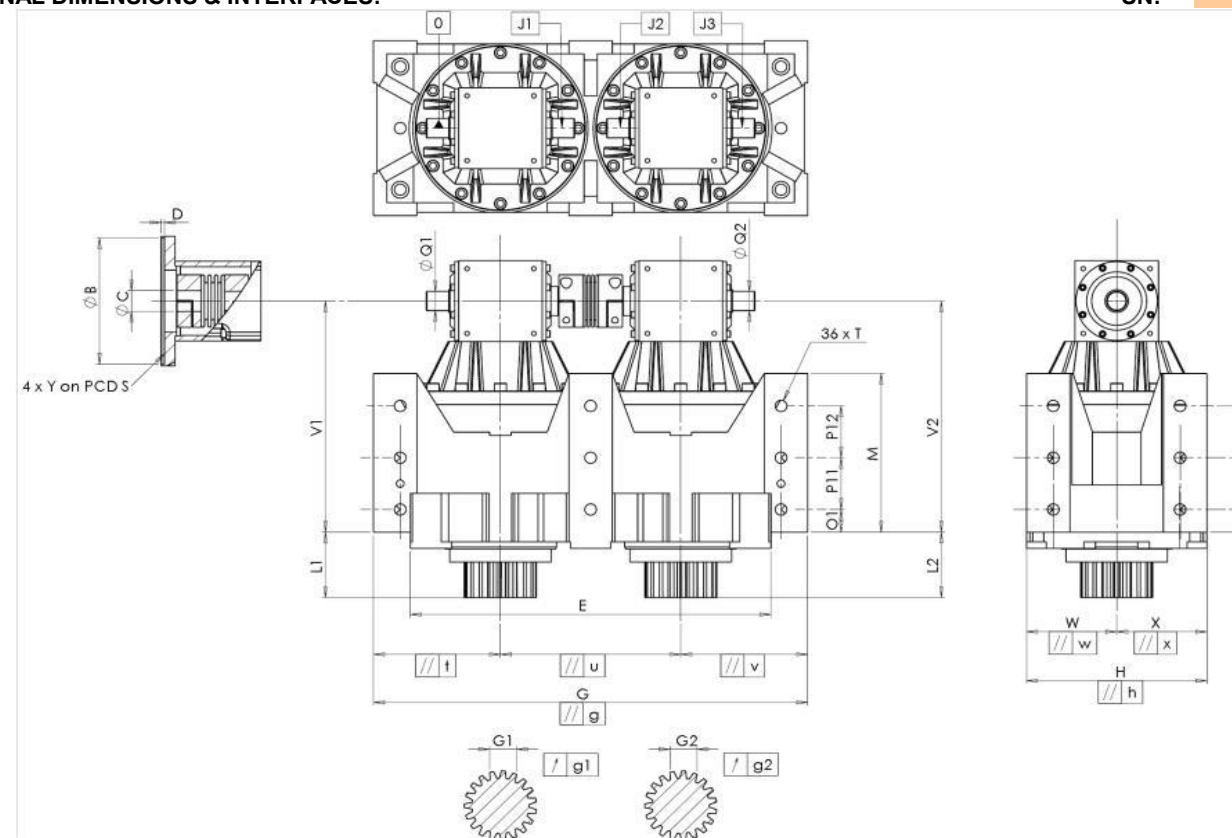
SPECIFIC REMARKS:

⁽¹⁾ Accepted according to Redex derogation RX15474

(2) Accepted according to Redex derogation FA25-119R

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 910666



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		requirement				measure		
				J2553														
E				540 ^{0 -0,1}	Cmm	539.994	O1				35	Cr	35					
G				650 ^{+0,2 -0,2}	Cmm	649.993	P11				80	Cr	80	∅	B	114,3 ^{+0,047 +0,012}	μm	114.347
//	g			0,045	Cmm	0.045	P12				80	Cr	80	∅	C	35 ^{+0,05 +0,025}	μm	35.03
//	t			0,045	Cmm	0.004	M				245 ^{+0,1 -0,1}	Cmm	245.045		D	8	Cr	8
//	u			0,035	Cmm	0.01	O2				35	Cr	35	∅	S	200	Cr	200
//	v			0,045	Cmm	0.004	P21				80	Cr	80	∅	Y	M12	Pg	M12
	W			135	Cmm	134.979	∅	T			M20	Pg	M20					
//	w			0,035	Cmm	0.006	OUTPUT PINION											
	X			135	Cmm	135.013	Pinion 1			G7135								
//	x			0,035	Cmm	0.004	Span dimension over 3 teeth											
	H			270 ^{+0,04 -0,04}	Cmm	269.992		G1			39,25 ^{0 -0,03}	Cmm	39,184 ⁽²⁾					
//	h			0,02	Cmm	0.018	↗	g1			0,022	Di	0.02					
	V1			357	Cmm	357.109	Pinion 2			G7129								
	L1			101	Cmm	100.967	Span dimension over 3 teeth											
	V2			357	Cmm	357.108		G2			39,25 ^{0 -0,03}	Cmm	39,184 ⁽²⁾					
	L2			101	Cmm	100.981	↗	g2			0,022	Di	0.02					
∅	Q1			30 ^{+0,009 -0,004}	Cmm	30.004	No-load input torque											
∅	Q2			30 ^{+0,009 -0,004}	Cmm	29.996	Line			2								
	J1			/0	Di	0.02	Line 2			1.5								
	J2			/0	Di	0.03												
	J3			/0	Di	0												
												Torsional stiffness (Nm/arcmin)		1	473.03			
														2	473.03			
												Radial stiffness (N/μm)		1	1018			
														2	1260,9 ⁽¹⁾			
												Noise level						
												@1600 rpm input (dB(A))				70.0		

Date: 24/06/2026

Visa: C DE MIRANDA

Version: A