

CUSTOMER: REDEX SHANGHAI CUSTOMER ORDER REF: \*RXCN2025081466 SHANGHAI M  
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 220356  
 DESIGNATION: DRP3+R.31.4.H SERIAL NUMBER: 910379  
 CODE: RX128771-12 MOTOR FLANGE CODE: RX129501-02

**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:	36,3 Nm

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

SPECIFIC REMARKS:

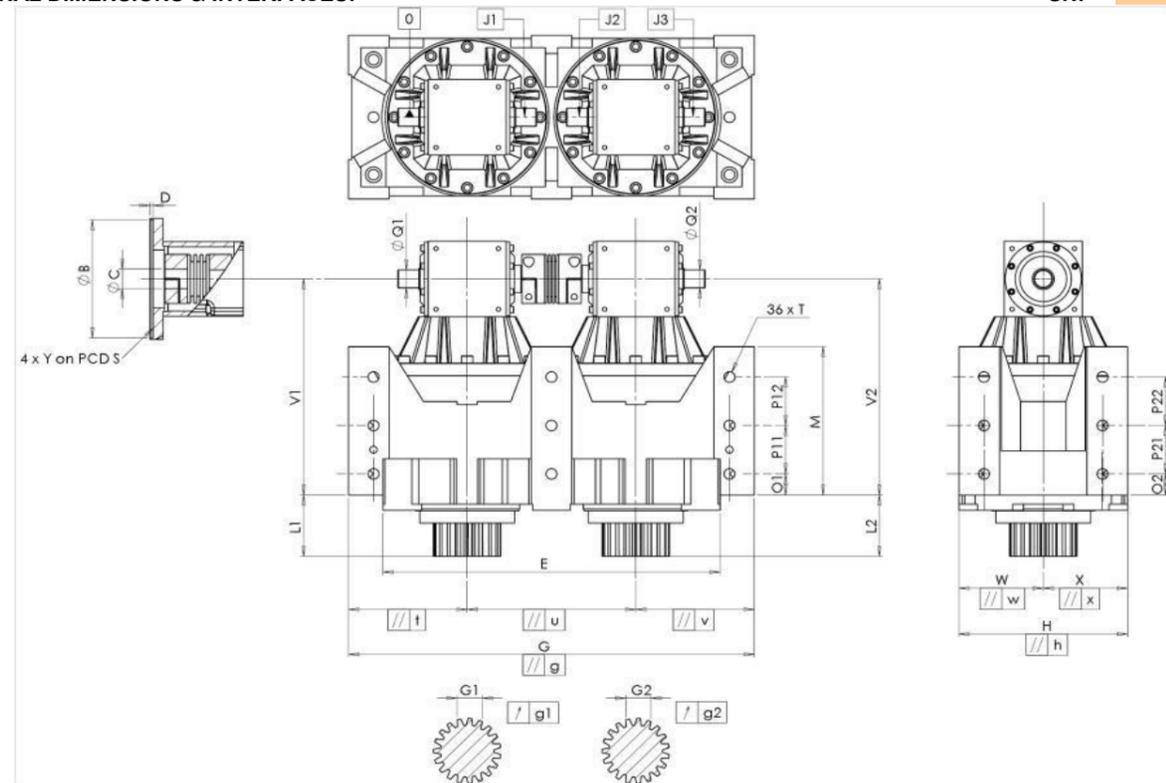
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EXTERNAL DIMENSIONS & INTERFACES: SN: 910379



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						
	J2548			O1	35	Cr	35	J4431							
E	540	<sup>0</sup> / <sub>-0,1</sub>	Cmm	539.982	P11	80	Cr	80	Ø B	160	<sup>+0,054</sup> / <sub>+0,014</sub>	µm	160.025		
G	650	<sup>+0,2</sup> / <sub>-0,2</sub>	Cmm	649.972	P12	80	Cr	80	Ø C	55	<sup>+0,06</sup> / <sub>+0,03</sub>	µm	55.03		
// g	0,045		Cmm	0.028	M	245	<sup>+0,1</sup> / <sub>-0,1</sub>	Cmm	245.047	D	37	Cr	37		
// t	0,045		Cmm	0.004	O2	35	Cr	35	Ø S	215	Cr	215			
// u	0,035		Cmm	0.013	P21	80	Cr	80	Ø Y	M12	Pg	M12			
// v	0,045		Cmm	0.007	P22	80	Cr	80							
W	135		Cmm	134.992	Ø T	M20	Pg	M20							
// w	0,035		Cmm	0.006	OUTPUT PINION										
X	135		Cmm	135.005	Pinion 1		G7064								
// x	0,035		Cmm	0.004	Span dimension over 3 teeth										
H	270	<sup>+0,04</sup> / <sub>-0,04</sub>	Cmm	269.997	G1	39,25	<sup>0</sup> / <sub>-0,03</sub>	Cmm	39.23						
// h	0,02		Cmm	0.015	g1	0,022	Di	0.01							
V1	357		Cmm	357.186	Pinion 2		G7068								
L1	101		Cmm	101.035	Span dimension over 3 teeth										
V2	357		Cmm	357.134	G2	39,25	<sup>0</sup> / <sub>-0,03</sub>	Cmm	39.227						
L2	101		Cmm	101.069	g2	0,022	Di	0.02							
Ø Q1	30	<sup>+0,009</sup> / <sub>-0,004</sub>	Cmm	30.008	No-load input torque										
Ø Q2	30	<sup>+0,009</sup> / <sub>-0,004</sub>	Cmm	30.002	Line		3,2 Nm								
J1	/0	Di	0,04	Line 2		3,5 Nm									
J2	/0	Di	0,02												
J3	/0	Di	0,02												
												Line	Stiffness		
												Torsional stiffness (Nm/arcmin)	1	473,03	
													2	473,03	
												Radial stiffness (N/µm)	1	1203	
													2	1082	
												Noise level			
												@1600 rpm input (dB(A))	76.0		

Date: 11/02/2026

Visa: C DE MIRANDA

Version: A



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