

CUSTOMER: **ANYANG** CUSTOMER ORDER REF: **\*RXCN2023031316 ANYANG**

DISTRIBUTOR: **REDEX SHANGHAI REPAIRING** REDEX ORDER REF: **217708**

DESIGNATION: **DRP3.R1.61.4.H** SERIAL NUMBER: **907765**

CODE: **RX135482-32** 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:	<b>14,1 Nm</b>

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

**SPECIFIC REMARKS:**

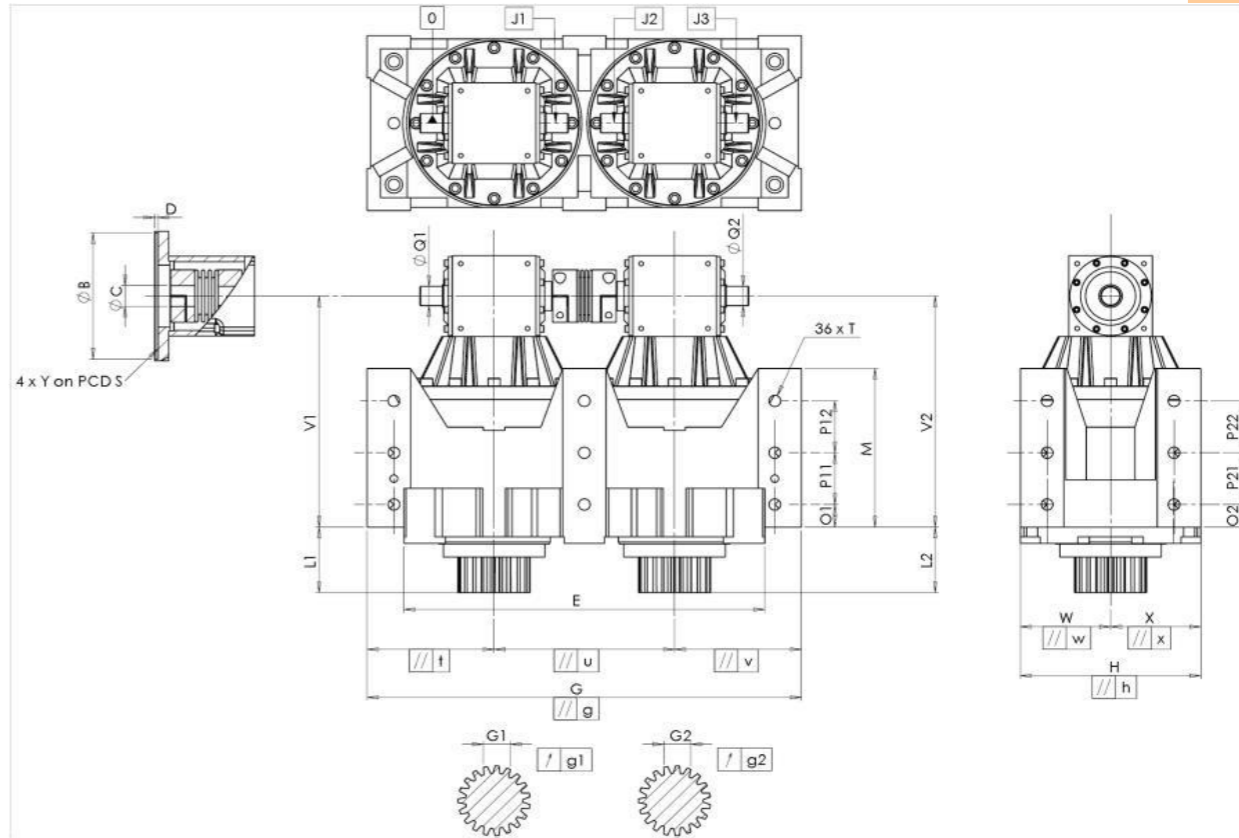
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EXTERNAL DIMENSIONS & INTERFACES: SN: **907765**



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		requirement		measure	
	G434			O1	35	Cr	35					F4644		
E	540	<sup>0</sup> / <sub>-0,1</sub>	Cmm	539,963	P11	80	Cr	80	∅	B	180	<sup>+0,054</sup> / <sub>+0,014</sub>	µm	180,014
G	650	<sup>+0,2</sup> / <sub>-0,2</sub>	Cmm	649,939	P12	80	Cr	80	∅	C	38	<sup>+0,05</sup> / <sub>+0,025</sub>	µm	38,04
//	g	0,045	Cmm	0,011	M	245	<sup>+0,1</sup> / <sub>-0,1</sub>	Cmm	244,956		D	8	Cr	8,09
//	t	0,045	Cmm	0,001	O2	35	Cr	35	∅	S	215	Cr	214,99	
//	u	0,035	Cmm	0,015	P21	80	Cr	80	∅	Y	M12	Pg	M12	
//	v	0,045	Cmm	0,014	P22	80	Cr	80						
	W	135	Cmm	134,989	∅	T	M20	Pg	M20					
//	w	0,035	Cmm	0,01	OUTPUT PINION									
	X	135	Cmm	135,031	Pinion 1		F2737							
//	x	0,035	Cmm	0,013	Span dimension over 3 teeth									
	H	270	<sup>+0,04</sup> / <sub>-0,04</sub>	Cmm	270,02	G1	39,25	<sup>0</sup> / <sub>-0,03</sub>	Cmm	39,23				
//	h	0,02	Cmm	0,02	↑	g1	0,022	Di	0,02					
	V1	357	Cmm	357,018	Pinion 2		F2732							
	L1	101	Cmm	101,292	Span dimension over 3 teeth									
	V2	357	Cmm	356,955	G2	39,25	<sup>0</sup> / <sub>-0,03</sub>	Cmm	39,23					
	L2	101	Cmm	101,259	↑	g2	0,022	Di	0,02					
∅	Q1	30	<sup>+0,009</sup> / <sub>-0,004</sub>	Cmm	30,008	No-load input torque								
∅	Q2	30	<sup>+0,009</sup> / <sub>-0,004</sub>	Cmm	30	Line	1 Nm							
	J1	/0	Di	0,01	Line 2	1 Nm								
	J2	/0	Di	0,04										
	J3	/0	Di	0,03										

Date: **28/08/2023**  
Version: **A**

Visa: **C DE MIRANDA**

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	462
	2	456
Radial stiffness (N/µm)	1	861
	2	909

**Noise level**  
@ 1600 rpm input (dB(A)) **73,0**



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