

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: 910380
 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:

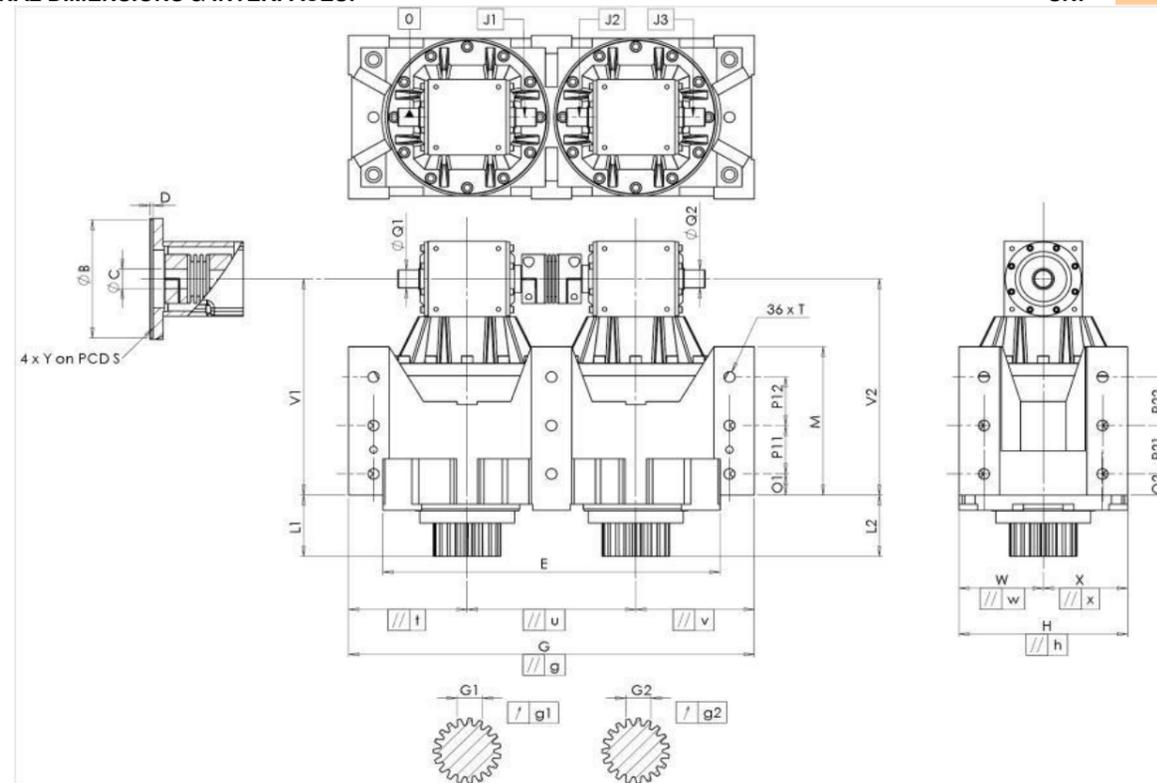
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EXTERNAL DIMENSIONS & INTERFACES: SN: 910380



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				
	J2550			O1	35	Cr	35	J4432					
E	540	⁰ / _{-0,1}	Cmm	539.998	P11	80	Cr	80	Ø B	160	^{+0,054} / _{+0,014}	µm	160.025
G	650	^{+0,2} / _{-0,2}	Cmm	649.971	P12	80	Cr	80	Ø C	55	^{+0,06} / _{+0,03}	µm	55.03
// g	0,045		Cmm	0.03	M	245	^{+0,1} / _{-0,1}	Cmm	245.021	D	37	Cr	37
// t	0,045		Cmm	0.006	O2	35	Cr	35	Ø S	215	Cr	215	
// u	0,035		Cmm	0.011	P21	80	Cr	80	Ø Y	M12	Pg	M12	
// v	0,045		Cmm	0.006	P22	80	Cr	80					
W	135		Cmm	135.002	Ø T	M20	Pg	M20					
// w	0,035		Cmm	0.003	OUTPUT PINION								
X	135		Cmm	135.014	Pinion 1			G7065					
// x	0,035		Cmm	0.003	Span dimension over 3 teeth								
H	270	^{+0,04} / _{-0,04}	Cmm	270.016	G1	39,25	⁰ / _{-0,03}	Cmm	39.22				
// h	0,02		Cmm	0.009	g1	0,022	Di	0.02					
V1	357		Cmm	357.102	Pinion 2			G7066					
L1	101		Cmm	101.032	Span dimension over 3 teeth								
V2	357		Cmm	357.085	G2	39,25	⁰ / _{-0,03}	Cmm	39.23				
L2	101		Cmm	101.04	g2	0,022	Di	0.02					
Ø Q1	30	^{+0,009} / _{-0,004}	Cmm	30.009	No-load input torque								
Ø Q2	30	^{+0,009} / _{-0,004}	Cmm	30.007	Line			3 Nm					
J1	/0	Di	0	Line 2			2,8 Nm						
J2	/0	Di	0,01										
J3	/0	Di	0,01										
											Line	Stiffness	
											Torsional stiffness (Nm/arcmin)	1	473,03
												2	473,03
											Radial stiffness (N/µm)	1	1067
												2	967
											Noise level		
											@1600 rpm input (dB(A))	73.5	

Date: 11/02/2026

Visa: C DE MIRANDA

Version: A



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