

CUSTOMER: **MINDSET** CUSTOMER ORDER REF: ***WO-H0010 MINDSET**

DISTRIBUTOR: **REDEX ORDER REF: 220433**

DESIGNATION: **DRP2.R1.31.4.H** SERIAL NUMBER: **910436**

CODE: **RX135386-12** MOTOR FLANGE CODE: **RX129627-02**

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:	18,7 Nm

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

SPECIFIC REMARKS:

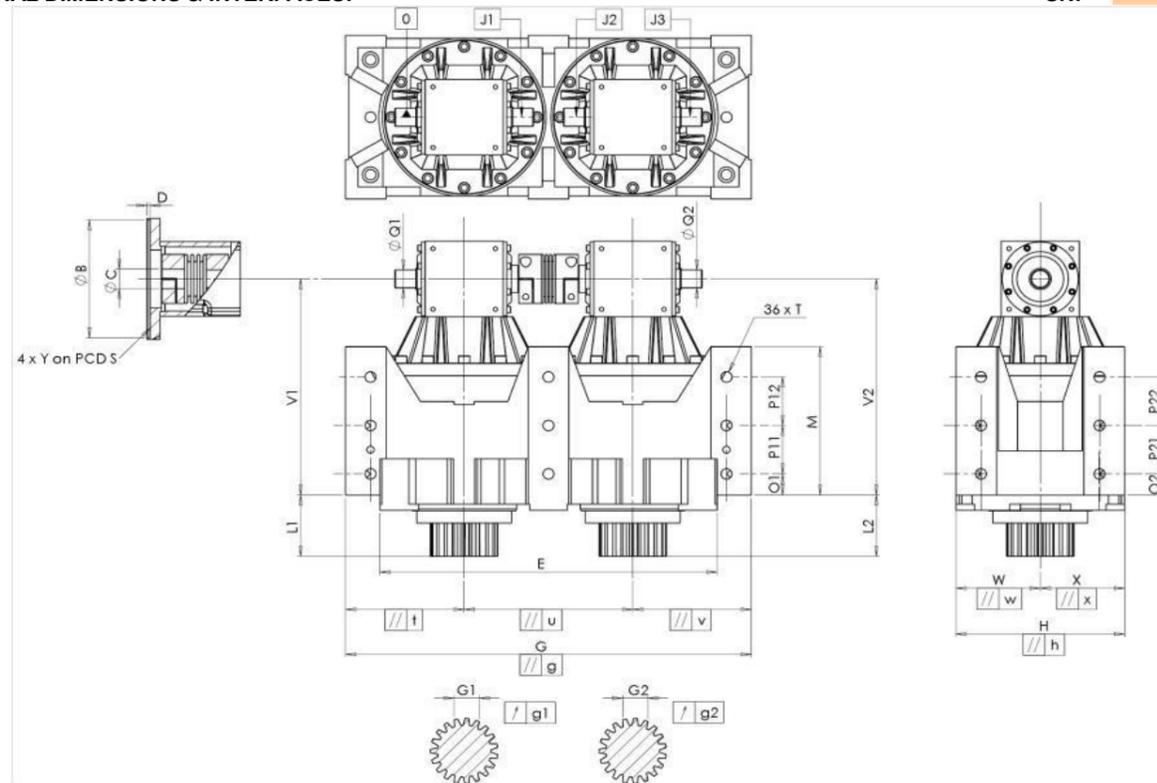
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EXTERNAL DIMENSIONS & INTERFACES: SN: **910436**



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							
		J2507		O1	30	Cr	30			J5741					
	E	460 ⁰ _{-0,05}	Cmm	459.969	P11	75	Cr	75	∅	B	114,3 ^{+0,047} _{+0,012}	µm	114.33		
	G	560 ^{+0,1} _{-0,1}	Cmm	559.938	P12	75	Cr	75	∅	C	35 ^{+0,05} _{+0,025}	µm	35.025		
//	g	0,045	Cmm	0.023	M	210 ^{+0,1} _{-0,1}	Cmm	210.008		D	8	Cr	8.09		
//	t	0,045	Cmm	0.002	O2	30	Cr	30	∅	S	200	Cr	200		
//	u	0,03	Cmm	0.003	P21	75	Cr	75	∅	Y	M12	Pg	M12		
//	v	0,045	Cmm	0.006	P22	75	Cr	75							
	W	115	Cmm	114.994	∅	T	M16	Pg	M16						
//	w	0,03	Cmm	0.002	OUTPUT PINION										
	X	115	Cmm	115.019	Pinion 1				J5172						
//	x	0,03	Cmm	0.002	Span dimension over 4 teeth										
	H	230 ^{+0,025} _{-0,025}	Cmm	230.014	G1	44,27 ⁰ _{-0,03}	Cmm	44.255				Line	Stiffness		
//	h	0,02	Cmm	0.02	g1	0,022	Di	0.01				Torsional stiffness (Nm/arcmin)	1	243,75	
	V1	298	Cmm	298.295	Pinion 2				J5173					2	243,75
	L1	85	Cmm	85.06	Span dimension over 4 teeth									1	648
	V2	298	Cmm	298.187	G2	44,27 ⁰ _{-0,03}	Cmm	44.252				Radial stiffness (N/µm)	2	661	
	L2	85	Cmm	85.088	g2	0,022	Di	0.01				Noise level			
∅	Q1	25 ^{+0,009} _{-0,004}	Cmm	24.996	No-load input torque				@1600 rpm input (dB(A))						
∅	Q2	25 ^{+0,009} _{-0,004}	Cmm	24.998	Line	2 Nm			73.5						
	J1	/0	Di	0.04	Line 2	1,6 Nm									
	J2	/0	Di	0.02											
	J3	/0	Di	0											

Date: **09/02/2026**

Visa: **C DE MIRANDA**

Version: **A**



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