

CUSTOMER:	ROMI Industrias S.A.	CUSTOMER ORDER REF:	*682038 ROMI INDUSTRIAS
DISTRIBUTOR:		REDEX ORDER REF:	215694
DESIGNATION:	DRP4+R.91.4.S	SERIAL NUMBER:	905127
CODE:	RX129181-33	MOTOR FLANGE CODE:	RX129551-01

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:	18,1 Nm

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

SPECIFIC REMARKS:

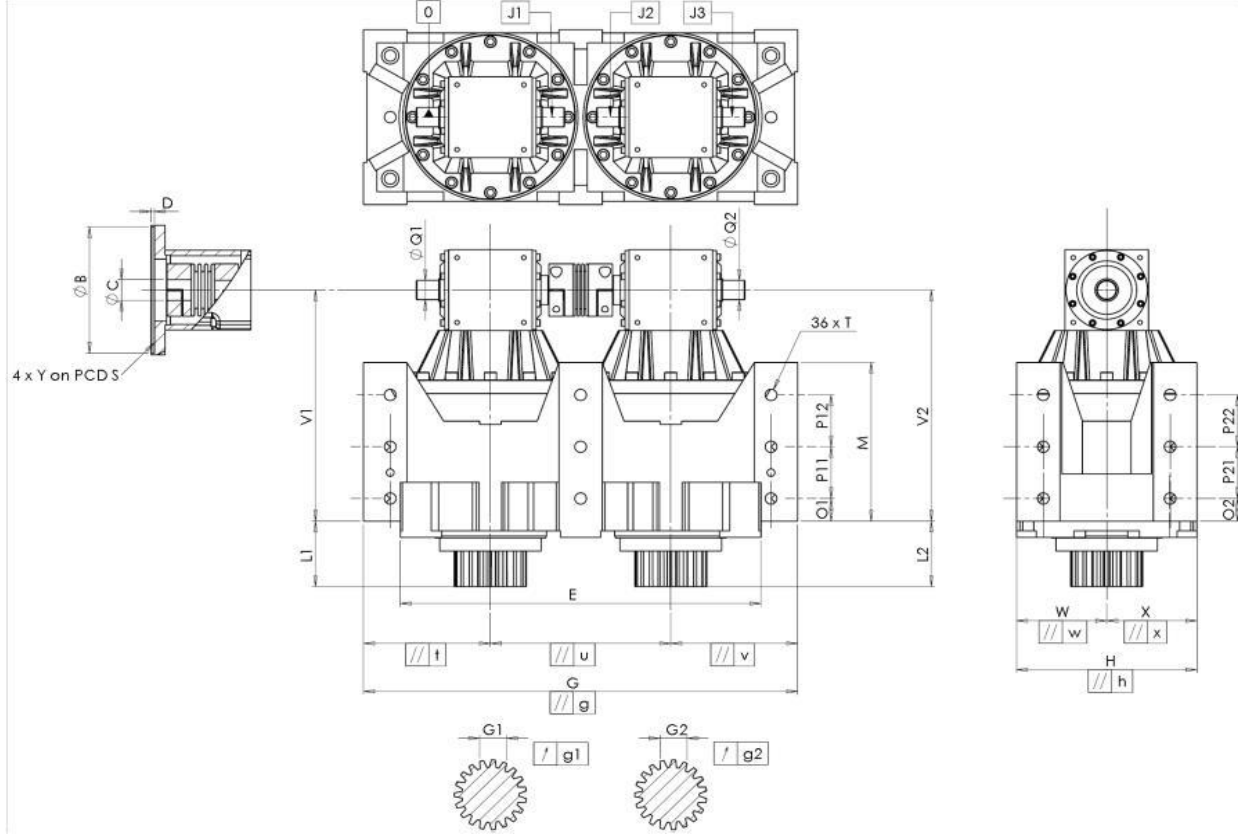
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EXTERNAL DIMENSIONS & INTERFACES: SN: 905127



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	
					C2312				O1	43	Cr	43			D606				
		E	640	⁰ _{-0,1}	Cmm	639,946			P11	100	Cr	100	∅	B	180	^{+0,054} _{+0,014}	µm	180,04	
		G	800	^{+0,2} _{-0,2}	Cmm	799,852			P12	100	Cr	100	∅	C	38	^{+0,05} _{+0,025}	µm	38,05	
//		g	0,05		Cmm	0,02			M	288	^{+0,1} _{-0,1}	Cmm	288,007		D	8	Cr	8,11	
//		t	0,05		Cmm	0,002			O2	43	Cr	43	∅	S	215		Cr	215	
//		u	0,035		Cmm	0,005			P21	100	Cr	100	∅	Y	M12		Pg	M12	
//		v	0,05		Cmm	0,003			P22	100	Cr	100							
		W	160		Cmm	160,025	∅	T	M24	Pg	M24								
//		w	0,04		Cmm	0,006	OUTPUT PINION												
		X	160		Cmm	159,997	Pinion 1			O263									
//		x	0,04		Cmm	0,008	Span dimension over 3 teeth												
		H	320	^{+0,04} _{-0,04}	Cmm	320,022		G1	46,9	⁰ _{-0,03}	Cmm							46,89	
//		h	0,02		Cmm	0,015	↗	g1	0,022		Di	0,01			Line	Stiffness			
		V1	435		Cmm	435,217	Pinion 2			O264		Torsional stiffness (Nm/arcmin)		1	745,99				
		L1	120		Cmm	120,056	Span dimension over 3 teeth			O264				2	745,99				
		V2	435		Cmm	435,264	Span dimension over 3 teeth					Radial stiffness (N/µm)		1	1352				
		L2	120		Cmm	120,018		G2	46,9	⁰ _{-0,03}	Cmm			46,89	2	1167			
∅		Q1	35	^{+0,011} _{-0,005}	Cmm	35,01	↗	g2	0,022		Di	0,01	Noise level						
∅		Q2	35	^{+0,011} _{-0,005}	Cmm	35,01	No-load input torque					@1300 rpm input (dB(A))							71,0
		J1		/0	Di	0,005	Line			1,5 Nm									
		J2		/0	Di	-0,03	Line 2			2 Nm									
		J3		/0	Di	0,01													

Date: 10/05/2021

Visa: C DE MIRANDA

Version: A

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