

CUSTOMER: ROMI CUSTOMER ORDER REF: *758117 ROMI
 DISTRIBUTOR: REDEX ORDER REF: 218383
 DESIGNATION: DRP2.R1.31.4.S SERIAL NUMBER: 908665
 CODE: RX135368-12 MOTOR FLANGE CODE: RX129627-01

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:	18,7 Nm

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

SPECIFIC REMARKS:

⁽¹⁾Accepted according to Redex derogation RX13581

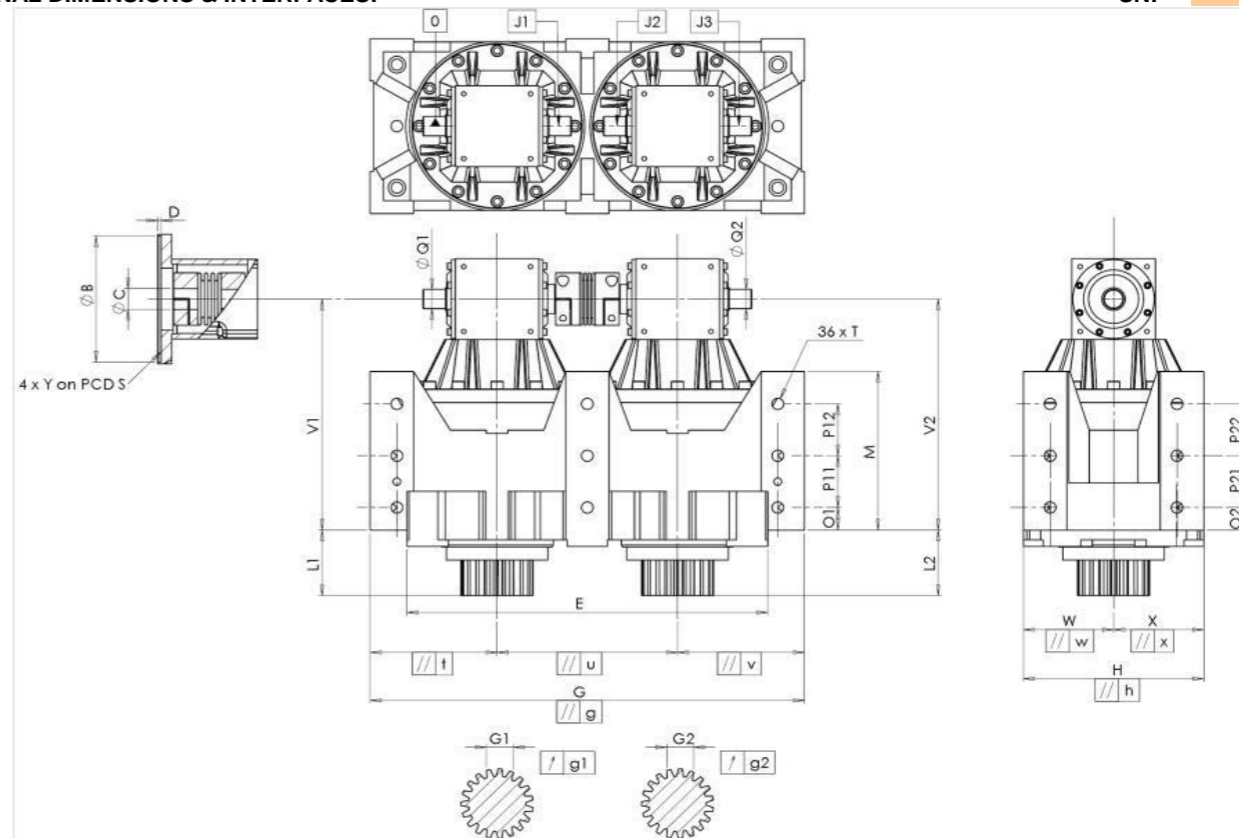
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EXTERNAL DIMENSIONS & INTERFACES: SN: 908665



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																						
	G3437		O1	30	Cr	30	G3873																						
E	460	⁰ / _{-0,05} Cmm	459,968	P11	75	Cr	75	∅ B	180	^{+0,054} / _{+0,014} µm	180,025																		
G	560	^{+0,1} / _{-0,1} Cmm	559,936	P12	75	Cr	75	∅ C	38	^{+0,05} / _{+0,025} µm	38,025																		
// g	0,045	Cmm	0,012	M	210	^{+0,1} / _{-0,1} Cmm	209,89 ⁽¹⁾	D	8	Cr	8,1																		
// t	0,045	Cmm	0,004	O2	30	Cr	30	∅ S	215	Cr	215																		
// u	0,03	Cmm	0,004	P21	75	Cr	75	∅ Y	M12	Pg	M12																		
// v	0,045	Cmm	0,001	P22	75	Cr	75																						
W	115	Cmm	115,007	∅ T	M16	Pg	M16																						
// w	0,03	Cmm	0,001	OUTPUT PINION																									
X	115	Cmm	115,008	Pinion 1				G3715																					
// x	0,03	Cmm	0,001	Span dimension over 4 teeth																									
H	230	^{+0,025} / _{-0,025} Cmm	230,016	G1	44,27	⁰ / _{-0,03} Cmm	44,263																						
// h	0,02	Cmm	0,02	g1	0,022	Di	0,01																						
V1	298	Cmm	298,227	Pinion 2				G3721																					
L1	85	Cmm	85,031	Span dimension over 4 teeth																									
V2	298	Cmm	298,196	G2	44,27	⁰ / _{-0,03} Cmm	44,258																						
L2	85	Cmm	85,067	g2	0,022	Di	0,01																						
∅ Q1	25	^{+0,009} / _{-0,004} Cmm	25,005	No-load input torque																									
∅ Q2	25	^{+0,009} / _{-0,004} Cmm	25,004	Line				1 Nm																					
J1	/0	Di	0,01	Line 2				1 Nm																					
J2	/0	Di	0,02																										
J3	/0	Di	0,02																										
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Date: 03/05/2024

Visa: C DE MIRANDA

Version: A



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