

CUSTOMER: REDEX SHANGHAI REPAIRING CUSTOMER ORDER REF: *RXCN20221111104
 DISTRIBUTOR: REDEX SHANGHAI REPAIRING REDEX ORDER REF: 217367
 DESIGNATION: DRP4+R.91.4.H SERIAL NUMBER: 907396
 CODE: RX129047-33 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:

⁽¹⁾Accepted according to Redex derogation RX13051

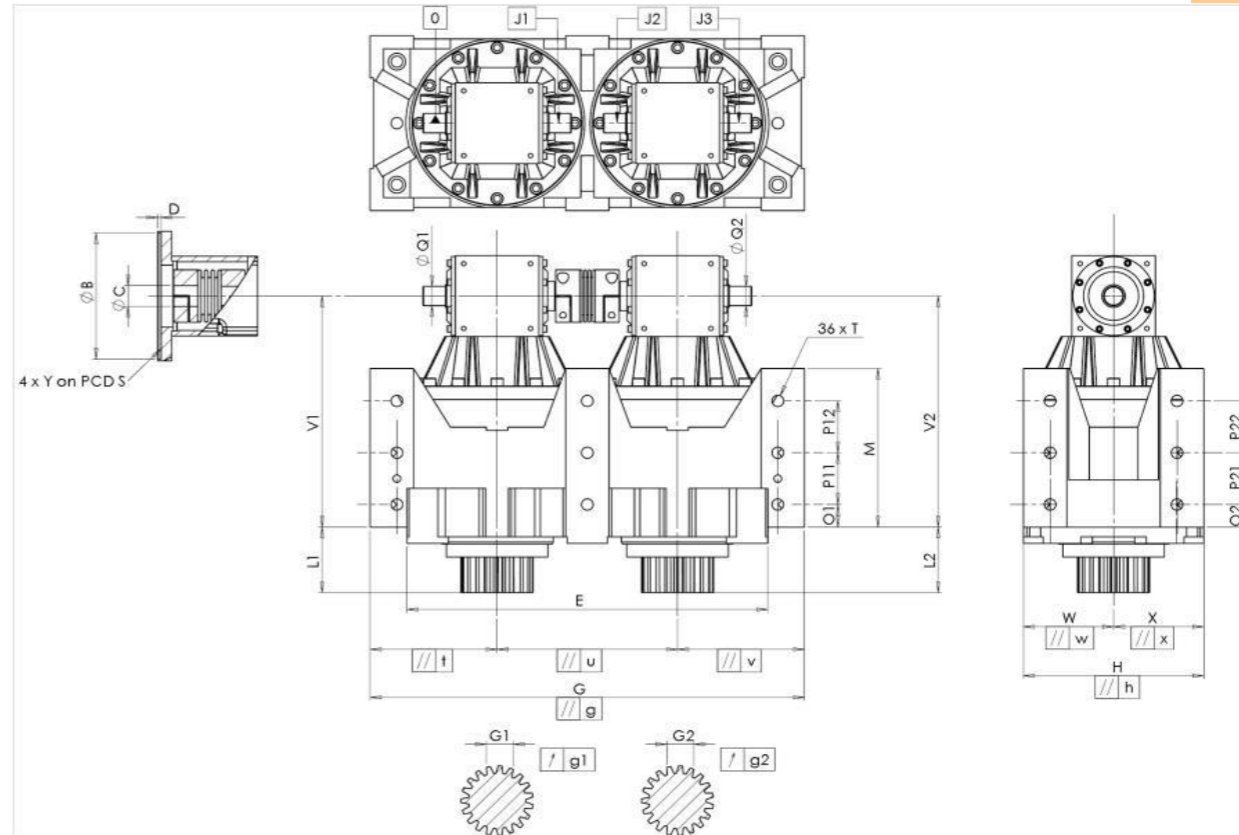
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EXTERNAL DIMENSIONS & INTERFACES: SN: 907396



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						
	D2240		O1	43	Cr	43	Ø	B	180	^{+0,054} / _{+0,014}	µm	180,04	
E	640	⁰ / _{-0,1}	Cmm	639,963			Ø	C	38	^{+0,05} / _{+0,025}	µm	38,04	
G	800	^{+0,2} / _{-0,2}	Cmm	799,766 ⁽¹⁾				D	8	Cr		8,11	
//	g	0,05	Cmm	0,013				Ø	S	215	Cr	215	
//	t	0,05	Cmm	0,001				Ø	Y	M12	Pg	M12	
//	u	0,035	Cmm	0,009									
//	v	0,05	Cmm	0,005									
	W	160	Cmm	160,002			Ø	T	M24	Pg	M24		
//	w	0,04	Cmm	0,004			OUTPUT PINION						
	X	160	Cmm	160,016			Pinion 1		F550				
//	x	0,04	Cmm	0,005			Span dimension over 3 teeth						
	H	320	^{+0,04} / _{-0,04}	Cmm	320,018		G1	46,9	⁰ / _{-0,03}	Cmm	46,885		
//	h	0,02	Cmm	0,017			↗	g1	0,022	Di	0,01		
	V1	435	Cmm	435,11			Pinion 2		F541				
	L1	120	Cmm	120,36			Span dimension over 3 teeth						
	V2	435	Cmm	435,164			G2	46,9	⁰ / _{-0,03}	Cmm	46,885		
	L2	120	Cmm	120,176			↗	g2	0,022	Di	0,01		
Ø	Q1	35	^{+0,011} / _{-0,005}	Cmm	35,01		No-load input torque						
Ø	Q2	35	^{+0,011} / _{-0,005}	Cmm	35,01		Line		2,2 Nm				
	J1	/0	Di	0,03			Line 2		2,2 Nm				
	J2	/0	Di	0,04									
	J3	/0	Di	0,04									
											Line	Stiffness	
											Torsional stiffness (Nm/arcmin)	1	745,99
												2	745,99
											Radial stiffness (N/µm)	1	1320
												2	1272
											Noise level		
											@ 1300 rpm input (dB(A))	70,0	

Date: 15/03/2023

Visa: P VASLIER

Version: A



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