

CUSTOMER: GREDELEC MACHINES Belgium CUSTOMER ORDER REF: CL3172-22 GREDELEC
 DISTRIBUTOR: REDEX ORDER REF: 216611
 DESIGNATION: DRP5+R.91.4.H SERIAL NUMBER: 906865
 CODE: RX129232-33 MOTOR FLANGE CODE:

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:	34,2 Nm

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

SPECIFIC REMARKS:

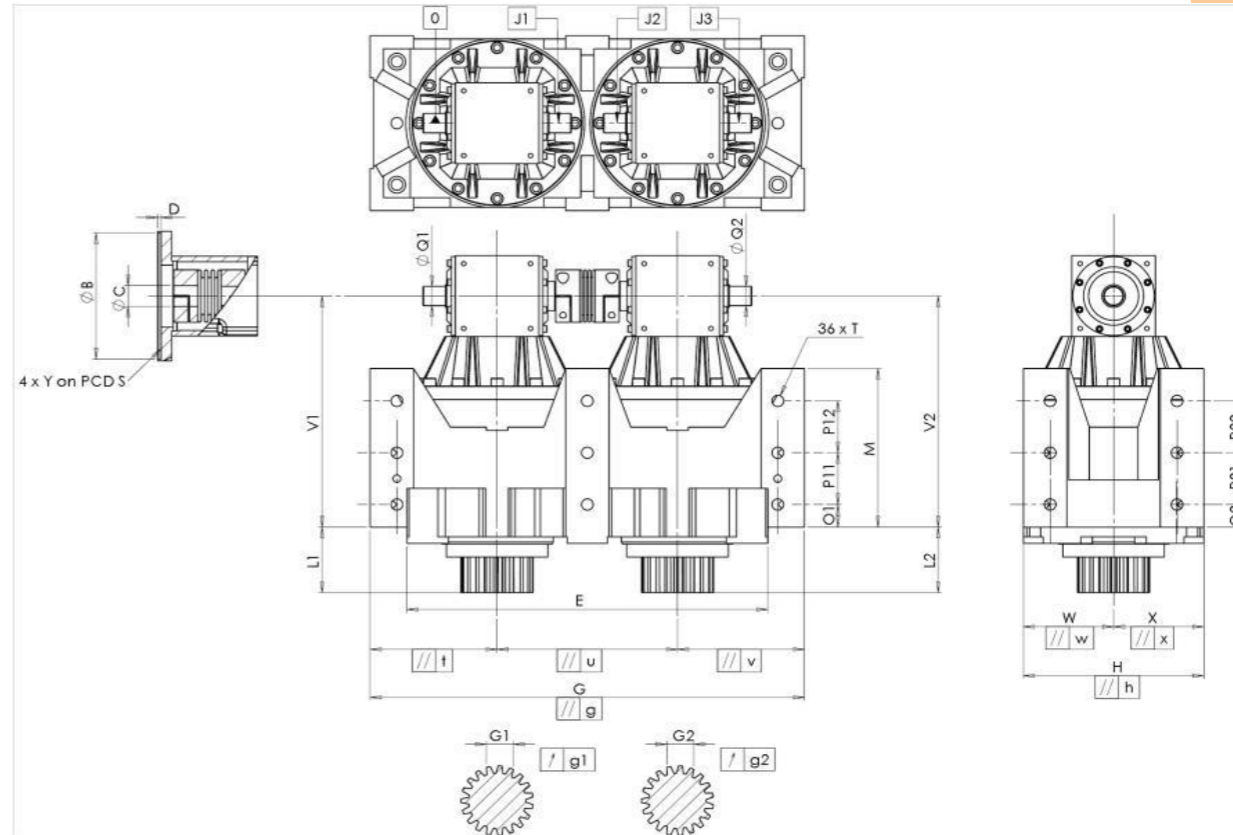
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EXTERNAL DIMENSIONS & INTERFACES: SN: 906865



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		requirement	measure			
	E5356		O1	50	Cr	50			∅	B	µm	-	
E	720	⁰ / _{-0,15} Cmm	719,941	P11	105	Cr	105	∅	C	µm	-		
G	920	^{+0,3} / _{-0,3} Cmm	919,847	P12	105	Cr	105	∅	D	Cr	-		
//	g	0,055	Cmm	0,043	M	320	^{+0,1} / _{-0,1} Cmm	319,95	∅	S	Cr	-	
//	t	0,055	Cmm	0,006	O2	50	Cr	50	∅	Y	Pg	-	
//	u	0,04	Cmm	0,003	P21	105	Cr	105					
//	v	0,055	Cmm	0,005	P22	105	Cr	105					
	W	180	Cmm	179,978	∅	T	M30	Pg	M30				
//	w	0,05	Cmm	0,004	OUTPUT PINION								
	X	180	Cmm	179,979	Pinion 1		J179						
//	x	0,05	Cmm	0,005	Span dimension over 3 teeth								
	H	360	^{+0,045} / _{-0,045} Cmm	359,957	G1	62,97	⁰ / _{-0,05} Cmm	62,945					
//	h	0,03	Cmm	0,013	↗	g1	0,03	Di	0,015	Line	Stiffness		
	V1	512	Cmm	512,443	Pinion 2		J177		Torsional stiffness (Nm/arcmin)				
	L1	157	Cmm	157,172	Span dimension over 3 teeth <td colspan="2">1 1076,47</td>							1 1076,47	
	V2	512	Cmm	512,415	G2	62,97	⁰ / _{-0,05} Cmm	62,95	Radial stiffness (N/µm)				
	L2	157	Cmm	157,156	↗	g2	0,03	Di	0,02	2 1076,47			
∅	Q1	45	^{+0,011} / _{-0,005} Cmm	45,006	No-load input torque								
∅	Q2	45	^{+0,011} / _{-0,005} Cmm	45,006	Line		2 Nm		Noise level				
	J1	/0	Di	0,01	Line 2		2 Nm		@ 1000 rpm input (dB(A))		73,5		
	J2	/0	Di	-0,02									
	J3	/0	Di	-0,03									

Date: 09/09/2022

Visa: C DE MIRANDA

Version: A



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