

CUSTOMER: NIDEC CUSTOMER ORDER REF: \*220413IB-1 NIDEC  
 DISTRIBUTOR: S & F INC REDEX ORDER REF: 216874  
 DESIGNATION: DRP3+R.31.4.H SERIAL NUMBER: 906861  
 CODE: RX128771-12 MOTOR FLANGE CODE: RX129474-04

**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:	36,3 Nm

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

SPECIFIC REMARKS:

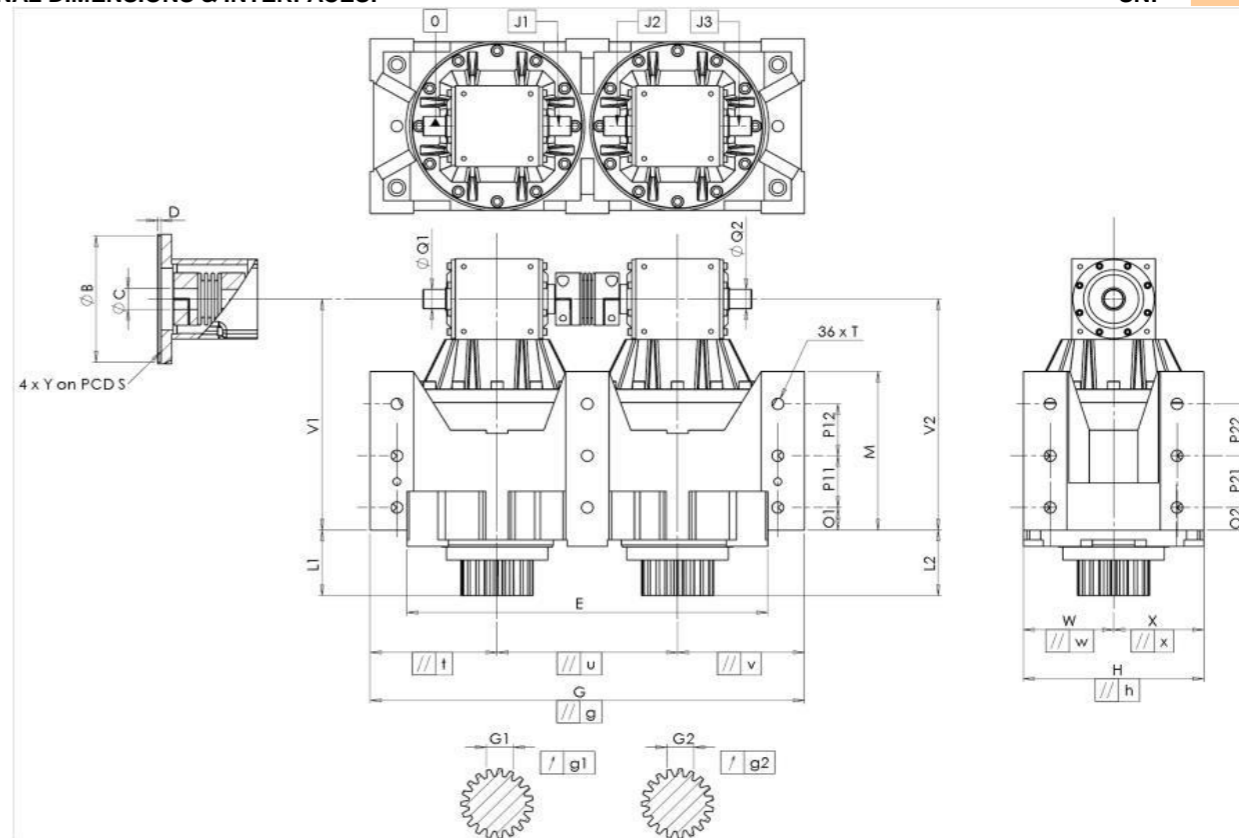
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EXTERNAL DIMENSIONS & INTERFACES: SN: 906861



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		E488				
	E 1992		O1	35	Cr	35							
E	540 <sup>0</sup> <sub>-0,1</sub>	Cmm	539,984	P11	80	Cr	80	∅ B	114,3 <sup>+0,047</sup> <sub>+0,012</sub>	µm	114,325		
G	650 <sup>+0,2</sup> <sub>-0,2</sub>	Cmm	650,034	P12	80	Cr	80	∅ C	35 <sup>+0,05</sup> <sub>+0,025</sub>	µm	35,035		
// g	0,045	Cmm	0,025	M	245 <sup>+0,1</sup> <sub>-0,1</sub>	Cmm	245,01	D	8	Cr	8		
// t	0,045	Cmm	0,001	O2	35	Cr	35	∅ S	200	Cr	200		
// u	0,035	Cmm	0,007	P21	80	Cr	80	∅ Y	M12	Pg	M12		
// v	0,045	Cmm	0,003	P22	80	Cr	80						
W	135	Cmm	135,004	∅ T	M20	Pg	M20						
// w	0,035	Cmm	0,002	OUTPUT PINION									
X	135	Cmm	134,996	Pinion 1				J3644					
// x	0,035	Cmm	0,006	Span dimension over 3 teeth									
H	270 <sup>+0,04</sup> <sub>-0,04</sub>	Cmm	270,001	G1	39,25 <sup>0</sup> <sub>-0,03</sub>	Cmm	39,23						
// h	0,02	Cmm	0,02	g1	0,022	Di	0,02						
V1	357	Cmm	357,187	Pinion 2				J3649					
L1	101	Cmm	101,141	Span dimension over 3 teeth									
V2	357	Cmm	357,188	G2	39,25 <sup>0</sup> <sub>-0,03</sub>	Cmm	39,24						
L2	101	Cmm	101,215	g2	0,022	Di	0,01						
∅ Q1	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	30,007	No-load input torque									
∅ Q2	30 <sup>+0,009</sup> <sub>-0,004</sub>	Cmm	30,007	Line		1,8 Nm							
J1	/0	Di	0	Line 2		2,3 Nm							
J2	/0	Di	0,01										
J3	/0	Di	0,02										
											Line	Stiffness	
											Torsional stiffness (Nm/arcmin)	1	473,03
												2	473,03
											Radial stiffness (N/µm)	1	1177
												2	998
											Noise level		
											@ 1600 rpm input (dB(A))	72,0	

Date: 21/10/2022

Visa: P VASLIER

Version: A



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