

CUSTOMER: NIDEC CUSTOMER ORDER REF: \*220413IB-1 NIDEC  
 DISTRIBUTOR: S & F INC REDEX ORDER REF: 216874  
 DESIGNATION: DRP3+R.31.4.H SERIAL NUMBER: 906864  
 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:

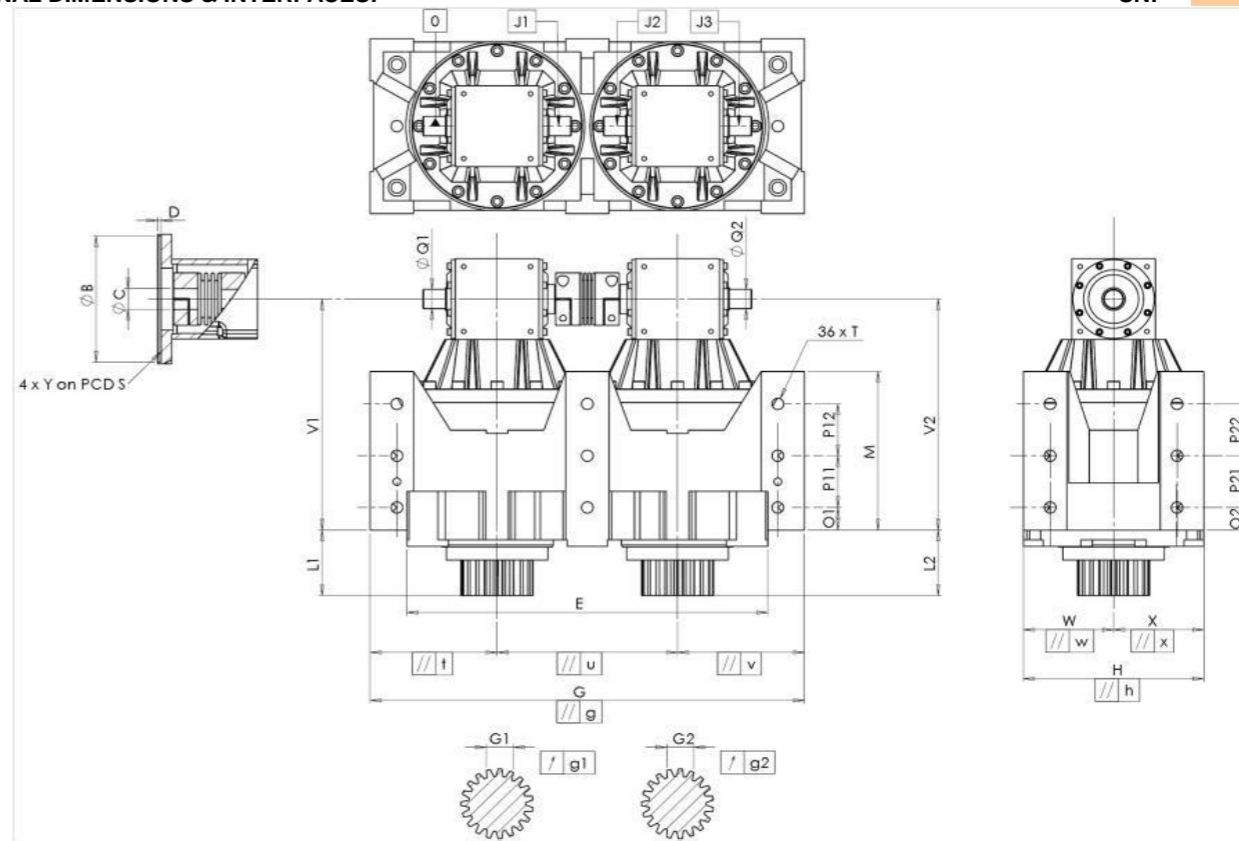
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EXTERNAL DIMENSIONS & INTERFACES: SN: 906864



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		E492				
	E5107		O1	35	Cr	35							
E	540	<sup>0</sup> / <sub>-0,1</sub>	Cmm	539,995					Ø B	114,3	<sup>+0,047</sup> / <sub>+0,012</sub>	µm	114,33
G	650	<sup>+0,2</sup> / <sub>-0,2</sub>	Cmm	650,026					Ø C	35	<sup>+0,05</sup> / <sub>+0,025</sub>	µm	35,04
// g	0,045		Cmm	0,039					D	8		Cr	8
// t	0,045		Cmm	0,003					Ø S	200		Cr	200
// u	0,035		Cmm	0,013					Ø Y	M12		Pg	M12
// v	0,045		Cmm	0,004									
W	135		Cmm	134,993									
// w	0,035		Cmm	0,006									
X	135		Cmm	135,024									
// x	0,035		Cmm	0,007									
H	270	<sup>+0,04</sup> / <sub>-0,04</sub>	Cmm	270,017									
// h	0,02		Cmm	0,017									
V1	357		Cmm	357,041									
L1	101		Cmm	101,379									
V2	357		Cmm	356,988									
L2	101		Cmm	101,396									
Ø Q1	30	<sup>+0,009</sup> / <sub>-0,004</sub>	Cmm	30									
Ø Q2	30	<sup>+0,009</sup> / <sub>-0,004</sub>	Cmm	30									
J1	/0		Di	0									
J2	/0		Di	-0,03									
J3	/0		Di	-0,035									
				<b>OUTPUT PINION</b>									
				<b>Pinion 1</b>				J3641					
				<b>Span dimension over 3 teeth</b>									
	G1	39,25	<sup>0</sup> / <sub>-0,03</sub>	Cmm	39,235								
//	g1	0,022		Di	0,02								
				<b>Pinion 2</b>				J3659					
				<b>Span dimension over 3 teeth</b>									
	G2	39,25	<sup>0</sup> / <sub>-0,03</sub>	Cmm	39,235								
//	g2	0,022		Di	0,015								
				<b>No-load input torque</b>									
				Line				2,2 Nm					
				Line 2				2,5 Nm					
				<b>Noise level</b>									
				@ 1600 rpm input (dB(A))				75,0					

Date: 24/10/2022

Visa: C DE MIRANDA

Version: A



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