

CUSTOMER: NIDEC CUSTOMER ORDER REF: *220413IB-1 NIDEC
 DISTRIBUTOR: S & F INC REDEX ORDER REF: 216874
 DESIGNATION: DRP3+R.31.4.H SERIAL NUMBER: 906862
 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:

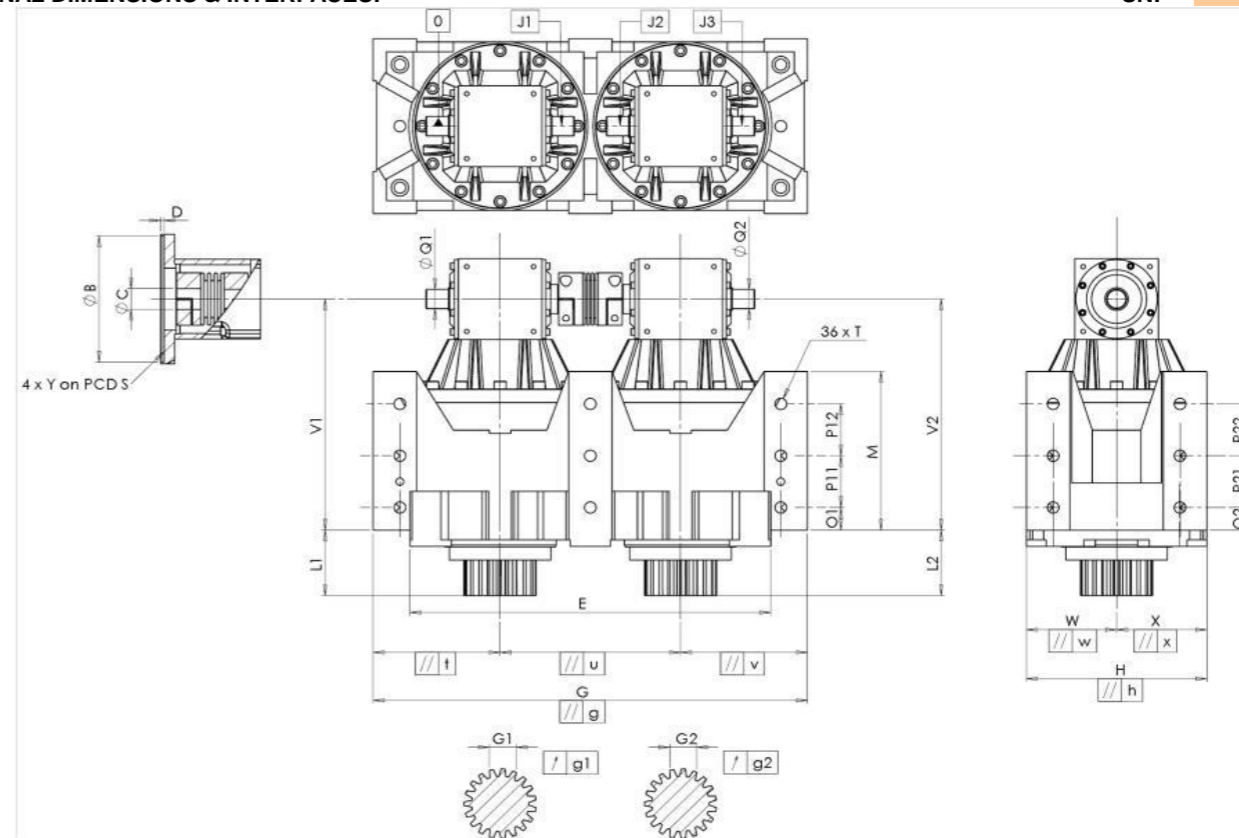
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1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com

EXTERNAL DIMENSIONS & INTERFACES: SN: 906862



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		E518				
	E1994		O1	35	Cr	35							
E	540	⁰ / _{-0,1} Cmm	540	P11	80	Cr	80	∅	B	114,3	^{+0,047} / _{+0,012} µm	114,323	
G	650	^{+0,2} / _{-0,2} Cmm	650,92	P12	80	Cr	80	∅	C	35	^{+0,05} / _{+0,025} µm	35,04	
//	g	0,045	Cmm	0,027	M	245	^{+0,1} / _{-0,1} Cmm	245,048		D	8	Cr	8
//	t	0,045	Cmm	0,001	O2	35	Cr	35	∅	S	200	Cr	200
//	u	0,035	Cmm	0,011	P21	80	Cr	80	∅	Y	M12	Pg	M12
//	v	0,045	Cmm	0,008	P22	80	Cr	80					
	W	135	Cmm	134,99	∅	T	M20	Pg	M20				
//	w	0,035	Cmm	0,007	OUTPUT PINION								
	X	135	Cmm	135,02	Pinion 1		J3662						
//	x	0,035	Cmm	0,008	Span dimension over 3 teeth								
	H	270	^{+0,04} / _{-0,04} Cmm	270,009	G1	39,25	⁰ / _{-0,03} Cmm	39,235					
//	h	0,02	Cmm	0,015	g1	0,022	Di	0,02					
	V1	357	Cmm	357,19	Pinion 2		J3640						
	L1	101	Cmm	101,127	Span dimension over 3 teeth								
	V2	357	Cmm	357,287	G2	39,25	⁰ / _{-0,03} Cmm	39,235					
	L2	101	Cmm	101,197	g2	0,022	Di	0,02					
∅	Q1	30	^{+0,009} / _{-0,004} Cmm	30,007	No-load input torque								
∅	Q2	30	^{+0,009} / _{-0,004} Cmm	30,005	Line		1,5 Nm						
	J1	/0	Di	0	Line 2		2 Nm						
	J2	/0	Di	0,02	Noise level								
	J3	/0	Di	0,03	@ 1600 rpm input (dB(A))		72,5						

Date: 20/10/2022

Visa: P VASLIER

Version: A



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