

CUSTOMER: NIDEC CUSTOMER ORDER REF: *220428IB-2 NIDEC
 DISTRIBUTOR: S & F INC REDEX ORDER REF: 216910
 DESIGNATION: DRP3+R.31.4.H SERIAL NUMBER: 906943
 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:

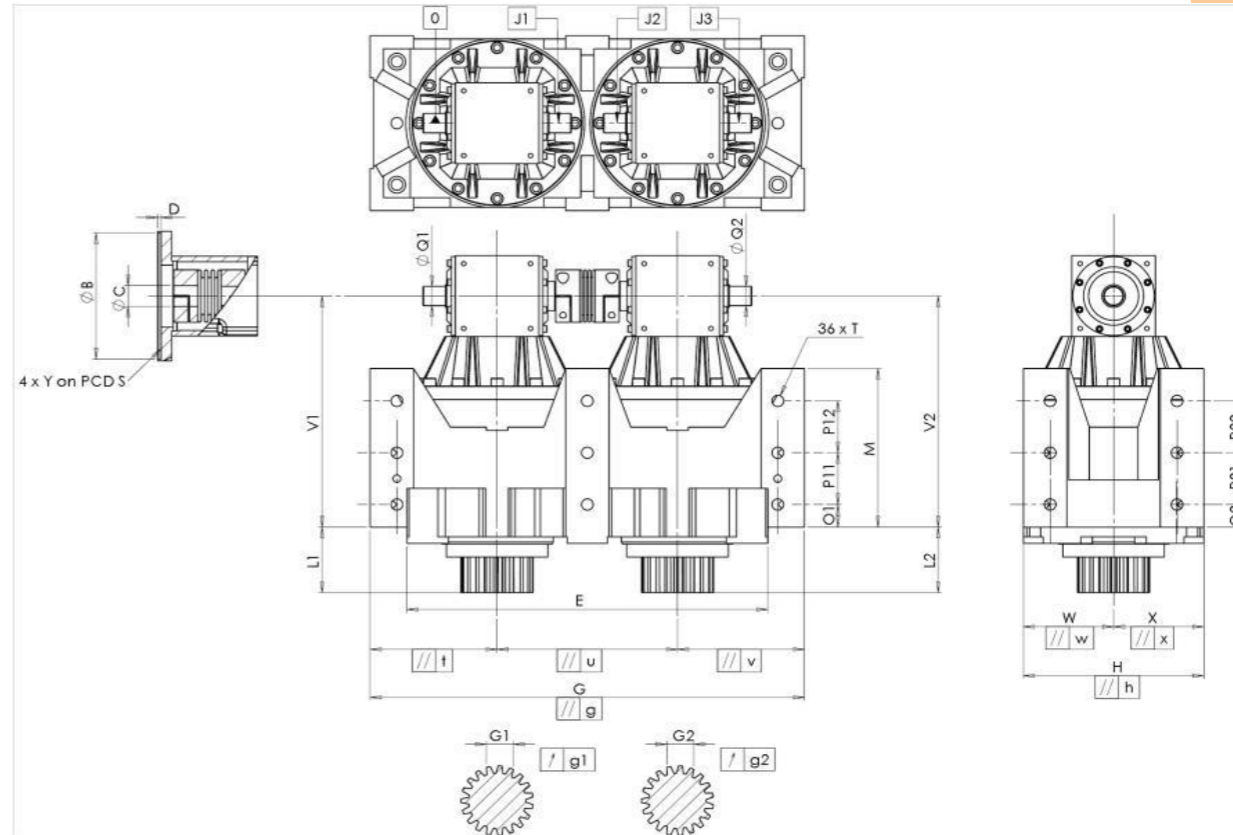
Product images are for illustrative purposes only.



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: 906943



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		E499		
	E5106		O1	35	Cr	35					
E	540 ⁰ _{-0,1}	Cmm	539,991	P11	80	Cr	80	∅ B	114,3 ^{+0,047} _{+0,012}	µm	114,33
G	650 ^{+0,2} _{-0,2}	Cmm	650,031	P12	80	Cr	80	∅ C	35 ^{+0,05} _{+0,025}	µm	35,05
// g	0,045	Cmm	0,014	M	245 ^{+0,1} _{-0,1}	Cmm	244,964	D	8	Cr	8
// t	0,045	Cmm	0,005	O2	35	Cr	35	∅ S	200	Cr	200
// u	0,035	Cmm	0,012	P21	80	Cr	80	∅ Y	M12	Pg	M12
// v	0,045	Cmm	0,006	P22	80	Cr	80				
W	135	Cmm	135	∅ T	M20	Pg	M20				
// w	0,035	Cmm	0,004	OUTPUT PINION							
X	135	Cmm	135,018	Pinion 1		J3651					
// x	0,035	Cmm	0,005	Span dimension over 3 teeth							
H	270 ^{+0,04} _{-0,04}	Cmm	270,018	G1	39,25 ⁰ _{-0,03}	Cmm	39,23				
// h	0,02	Cmm	0,013	g1	0,022	Di	0,015				
V1	357	Cmm	357,051	Pinion 2		J3646					
L1	101	Cmm	101,256	Span dimension over 3 teeth							
V2	357	Cmm	357,042	G2	39,25 ⁰ _{-0,03}	Cmm	39,235				
L2	101	Cmm	101,279	g2	0,022	Di	0,02				
∅ Q1	30 ^{+0,009} _{-0,004}	Cmm	30,002	No-load input torque							
∅ Q2	30 ^{+0,009} _{-0,004}	Cmm	30,004	Line		2 Nm					
J1	/0	Di	0	Line 2		1,8 Nm					
J2	/0	Di	0,02					Noise level			
J3	/0	Di	0,02					@ 1600 rpm input (dB(A))		74,5	

Date: 25/10/2022

Visa: C DE MIRANDA

Version: A



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