CUSTOMER:	NIDEC	**CUSTOMER ORDER REF:**	*220413IB-1 NIDEC
DISTRIBUTOR:	S & F INC	**REDEX ORDER REF:**	216874
DESIGNATION:	DRP3+R.31.4.H	**SERIAL NUMBER:**	906863
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**

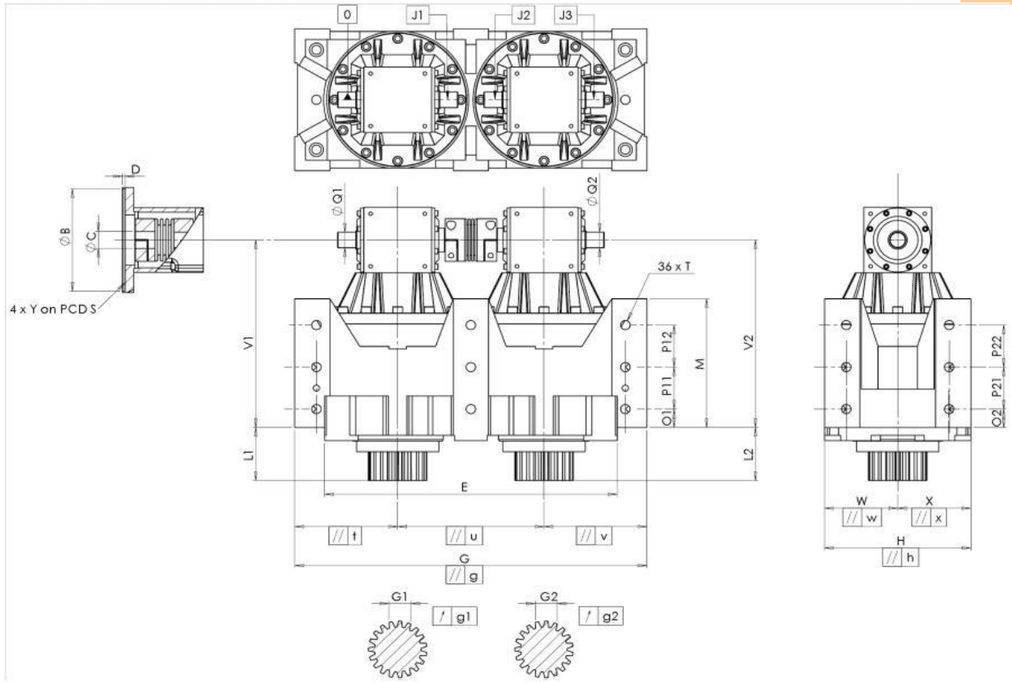
For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX
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:** 906863



General tolerance: Js13 | *Cmm* Automatic / manual coordinate-measuring machine | *µm* Micrometer | *Cr* Calliper rule | *Di* Dial indicator | *Pg* Plug gauge

HOUSING requirement				HOUSING measure		HOUSING requirement				HOUSING measure		MOTOR FLANGE requirement				MOTOR FLANGE measure
					E1989		O1	35	Cr	35						E494
	E	540 $^{0}_{-0,1}$	Cmm	539,998		P11	80	Cr	80	Ø	B	114,3 $^{+0,047}_{+0,012}$	µm	114,335
	G	650 $^{+0,2}_{-0,2}$	Cmm	650,022		P12	80	Cr	80	Ø	C	35 $^{+0,05}_{+0,025}$	µm	35,04
//	g	0,045	Cmm	0,027		M	245 $^{+0,1}_{-0,1}$	Cmm	244,988		D	8	Cr	8
//	t	0,045	Cmm	0,003		O2	35	Cr	35	Ø	S	200	Cr	200
//	u	0,035	Cmm	0,007		P21	80	Cr	80	Ø	Y	M12	Pg	M12
//	v	0,045	Cmm	0,002		P22	80	Cr	80					
	W	135	Cmm	135,002	Ø	T	M20	Pg	M20					
//	w	0,035	Cmm	0,005										
	X	135	Cmm	134,996										
//	x	0,035	Cmm	0,002										
	H	270 $^{+0,04}_{-0,04}$	Cmm	269,998										
//	h	0,02	Cmm	0,02										
	V1	357	Cmm	357,106										
	L1	101	Cmm	101,211										
	V2	357	Cmm	357,116										
	L2	101	Cmm	101,252										
Ø	Q1	30 $^{+0,009}_{-0,004}$	Cmm	30,003										
Ø	Q2	30 $^{+0,009}_{-0,004}$	Cmm	30,008										
	J1	/0	Di	0										
	J2	/0	Di	0										
	J3	/0	Di	0,015										

OUTPUT PINION				
	Pinion 1			J3639
	Span dimension over 3 teeth			
	G1	39,25 $^{0}_{-0,03}$	Cmm	39,235
↗	g1	0,022	Di	0,01
	Pinion 2			J3647
	Span dimension over 3 teeth			
	G2	39,25 $^{0}_{-0,03}$	Cmm	39,235
↗	g2	0,022	Di	0,02

No-load input torque	
Line	1,5 Nm
Line 2	1,7 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	957
	2	1038

Noise level	
@1600 rpm input (dB(A))	73,0

Date: 20/10/2022 **Visa:** P VASLIER

Version: A

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