

CUSTOMER:

JYOTI

CUSTOMER ORDER REF:

*5500018154 JYOTI

DISTRIBUTOR:

REDEX ORDER REF:

219340

DESIGNATION:

DRP3+R.31.4.H

SERIAL NUMBER:

909350

CODE:

RX128771-12

MOTOR FLANGE CODE:

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)

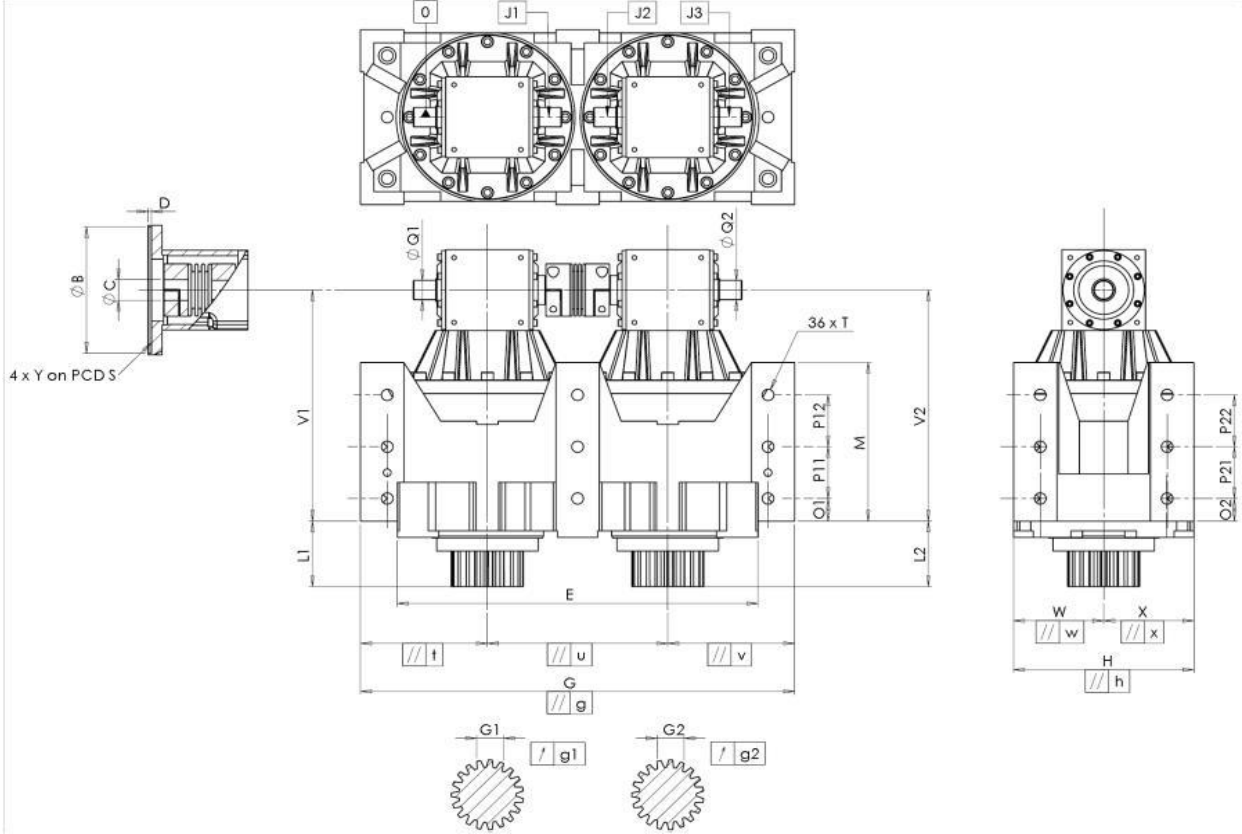
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN:

909350



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	
					G442							O1 35 Cr 35							-	
	E	540 ⁰ _{-0,1}	Cmm	539,984						P11 80 Cr 80		Ø B					µm			
	G	650 ^{+0,2} _{-0,2}	Cmm	650,057						P12 80 Cr 80		Ø C					µm			
//	g	0,045	Cmm	0,018						M 245 ^{+0,1} _{-0,1} Cmm 245,098		D					Cr			
//	t	0,045	Cmm	0,005						O2 35 Cr 35		Ø S					Cr			
//	u	0,035	Cmm	0,012						P21 80 Cr 80		Ø Y					Pg			
//	v	0,045	Cmm	0,005						P22 80 Cr 80										
	W	135	Cmm	134,998	Ø	T	M20	Pg	M20											
//	w	0,035	Cmm	0,001	OUTPUT PINION															
	X	135	Cmm	134,976	Pinion 1			F5349												
//	x	0,035	Cmm	0,001	Span dimension over 3 teeth															
	H	270 ^{+0,04} _{-0,04}	Cmm	269,973											Line		Stiffness			
//	h	0,02	Cmm	0,007	↗	G1	39,25 ⁰ _{-0,03}	Cmm	39,235											
	V1	357	Cmm	357,129		g1	0,022	Di	0,01											
	L1	101	Cmm	101,07	Pinion 2					F5335		Torsional stiffness (Nm/arcmin)		1	473,03					
	V2	357	Cmm	357,209	Span dimension over 3 teeth							Radial stiffness (N/µm)		2	473,03					
	L2	101	Cmm	100,978		G2	39,25 ⁰ _{-0,03}	Cmm	39,235	1	881									
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,001	↗	g2	0,022	Di	0,01	2	995									
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	29,996	No-load input torque					Noise level										
	J1	/0	Di	0,04	Line					2 Nm		@1600 rpm input (dB(A))					73,5			
	J2	/0	Di	0,04	Line 2					2 Nm										
	J3	/0	Di	0,02																

Date:

15/01/2025

Visa:

C DE MIRANDA

Version:

A