

CUSTOMER:

SPARK

CUSTOMER ORDER REF:

DISTRIBUTOR:

REDEX SHANGHAI REPAIRING

REDEX ORDER REF:

1001337

DESIGNATION:

DRP3.R1.91.4.H

SERIAL NUMBER:

910946

CODE:

RX135482-33

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:	14 Nm

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

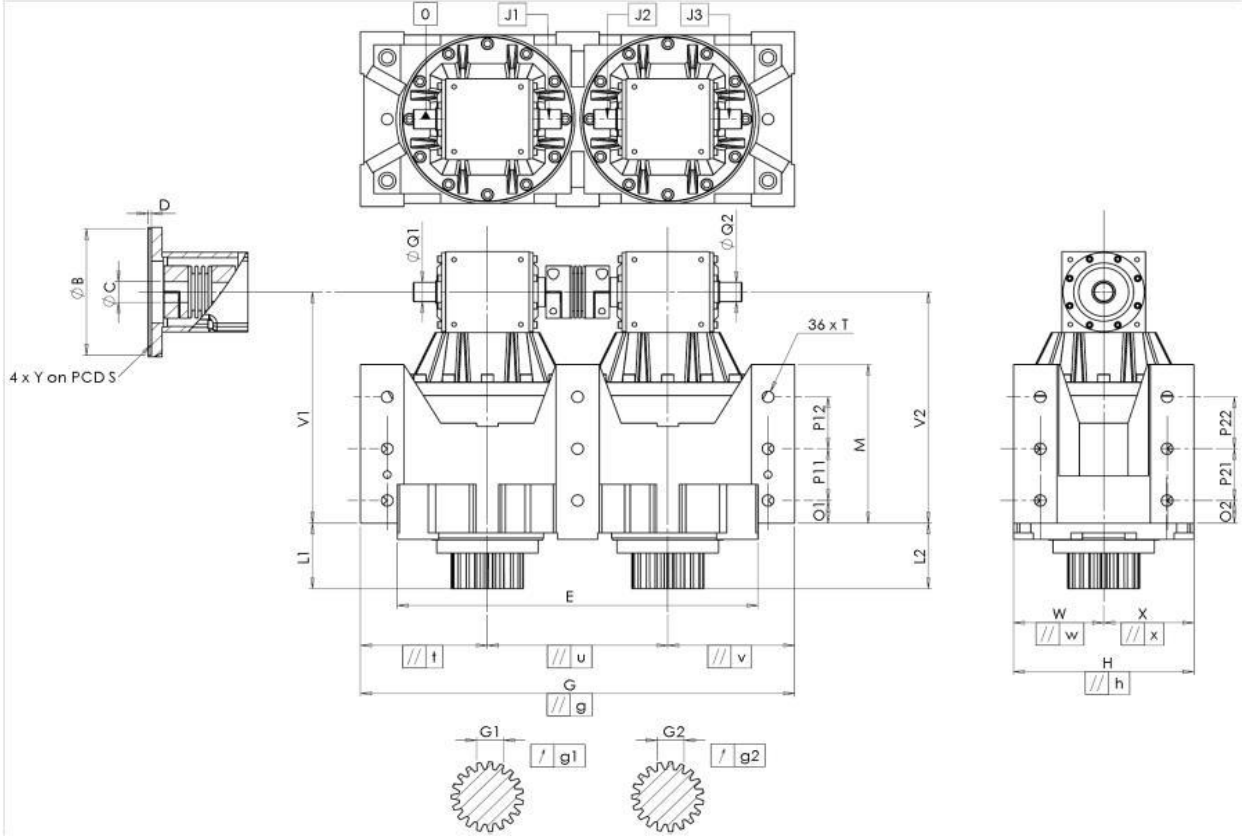
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN:

910946



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				
				K1339												J6608				
	E	540	⁰ _{-0,1}	Cmm	539,998		O1	35	Cr	35		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,345			
	G	650	^{+0,2} _{-0,2}	Cmm	650,014		P11	80	Cr	80		Ø	C	35	^{+0,05} _{+0,025}	µm	35,05			
//	g	0,045		Cmm	0,036		M	245	^{+0,1} _{-0,1}	Cmm	245,066		D	8	Cr	8				
//	t	0,045		Cmm	0,008		O2	35	Cr	35		Ø	S	200	Cr	200				
//	u	0,035		Cmm	0,014		P21	80	Cr	80		Ø	Y	M12	Pg	M12				
//	v	0,045		Cmm	0,001		P22	80	Cr	80										
	W	135		Cmm	135,034	Ø	T	M20	Pg	M20										
//	w	0,035		Cmm	0,011	OUTPUT PINION														
	X	135		Cmm	134,977	Pinion 1				J1284										
//	x	0,035		Cmm	0,008	Span dimension over 3 teeth														
	H	270	^{+0,04} _{-0,04}	Cmm	270,01		G1	39,25	⁰ _{-0,03}	Cmm							39,23			
//	h	0,02		Cmm	0,017	↗	g1	0,022	Di	0,01									Line	Stiffness
	V1	357		Cmm	357,152	Pinion 2											J1283			
	L1	101		Cmm	100,974	Span dimension over 3 teeth							Torsional stiffness (Nm/arcmin)		1	473,03				
	V2	357		Cmm	357,253		G2	39,25	⁰ _{-0,03}	Cmm	39,235			Radial stiffness (N/µm)	2	473,03				
	L2	101		Cmm	100,968	↗	g2	0,022	Di	0,01			1		1035,12					
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque														
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	29,999	Line											2 Nm			
	J1	/0	Di	0,04	Line 2					1,2 Nm										
	J2	/0	Di	0,02																
	J3	/0	Di	0,03								Noise level								
												@1600 rpm input (dB(A))				67,5				