

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

REDEX SHANGHAI

CUSTOMER ORDER REF:

DISTRIBUTOR:

REDEX SHANGHAI REPAIRING

REDEX ORDER REF:

1000853

DESIGNATION:

DRP3.R1.91.4.H

SERIAL NUMBER:

910791

CODE:

RX135482-33

MOTOR FLANGE CODE:

RX129474-03

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:

Maximum preload torque:

Following application

14 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

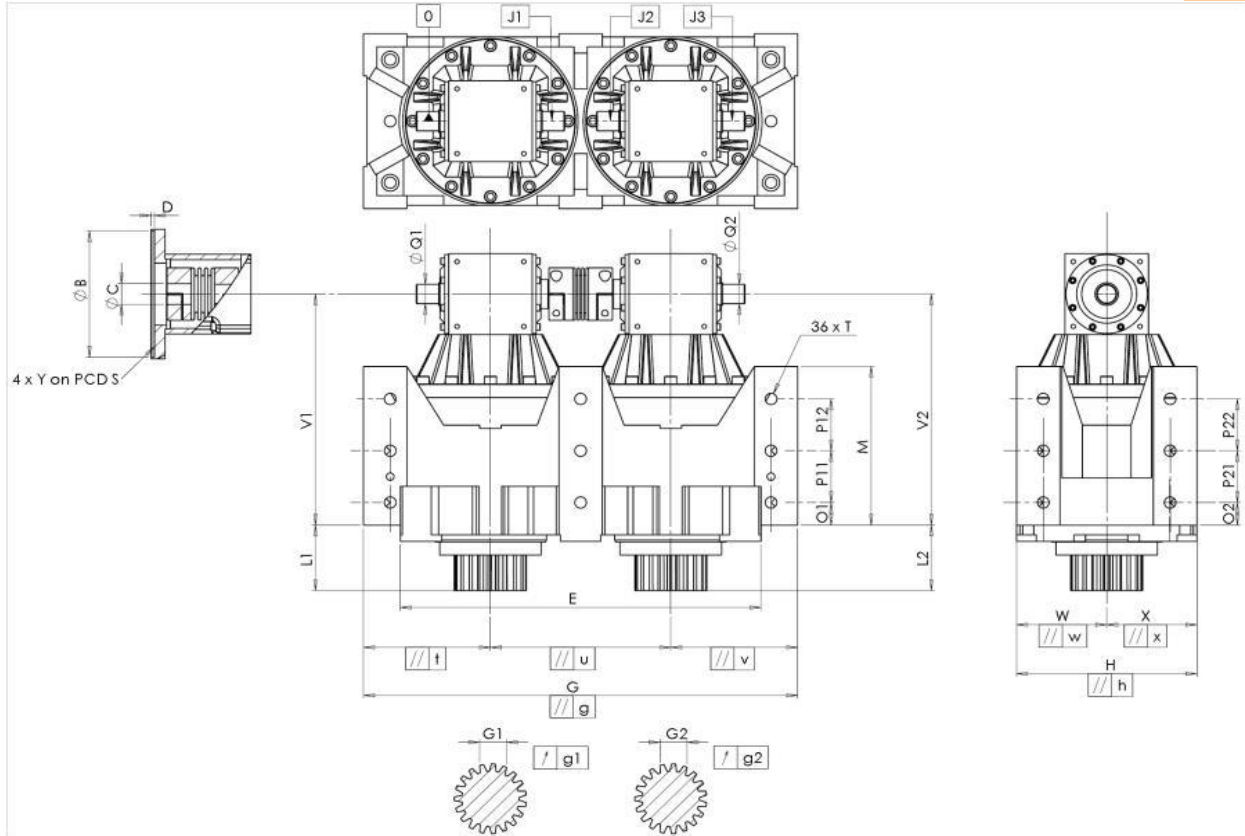
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EXTERNAL DIMENSIONS & INTERFACES:

SN: 910791



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					
				K253								J2808					
	E	540	⁰ _{-0,1}	Cmm	539,991		O1	35	Cr	35		Ø	B	180	^{+0,054} _{+0,014}	µm	180,04
	G	650	^{+0,2} _{-0,2}	Cmm	649,888		P11	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,03
//	g	0,045		Cmm	0,026		M	245	^{+0,1} _{-0,1}	Cmm	244,991		D	8		Cr	8,09
//	t	0,045		Cmm	0,004		O2	35	Cr	35		Ø	S	215		Cr	215
//	u	0,035		Cmm	0,009		P21	80	Cr	80		Ø	Y	M12		Pg	M12
//	v	0,045		Cmm	0,003		P22	80	Cr	80							
	W	135		Cmm	135,003		Ø	T	M20	Pg	M20						
//	w	0,035		Cmm	0,005		OUTPUT PINION										
	X	135		Cmm	135,003		Pinion 1				J7047						
//	x	0,035		Cmm	0,004		Span dimension over 3 teeth										
	H	270	^{+0,04} _{-0,04}	Cmm	270,006		G1	39,25	⁰ _{-0,03}	Cmm	39,225						
//	h	0,02		Cmm	0,01		g1	0,022		Di	0,02						
	V1	357		Cmm	357,032		Pinion 2				J1214						
	L1	101		Cmm	101,096		Span dimension over 3 teeth										
	V2	357		Cmm	357,089		G2	39,25	⁰ _{-0,03}	Cmm	39,24						
	L2	101		Cmm	100,952		g2	0,022		Di	0,01						
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,009		No-load input torque										
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	29,996		Line				1,3 Nm						
	J1		/0	Di	0,01		Line 2				1,5 Nm						
	J2		/0	Di	0,05												
	J3		/0	Di	0,05												

Date: 28/07/2026

Visa: C DE MIRANDA

Version: A