

DRP

Performance sheet

RX183/005-B

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CUSTOMER: L&L MACHINERY INDUSTRY

CUSTOMER ORDER REF: RX107319T L&L

DISTRIBUTOR:

REDEX ORDER REF: 213543

DESIGNATION: DRP2+R.31.4.H

SERIAL NUMBER: 902796

CODE: RX128950-12

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:

Maximum preload torque:

Following application

18,7 Nm

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

SPECIFIC REMARKS:

(1)Accepted according to Redex derogation RX10571.

Product images are for illustrative purposes only.

REDEX

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DRP

Performance sheet

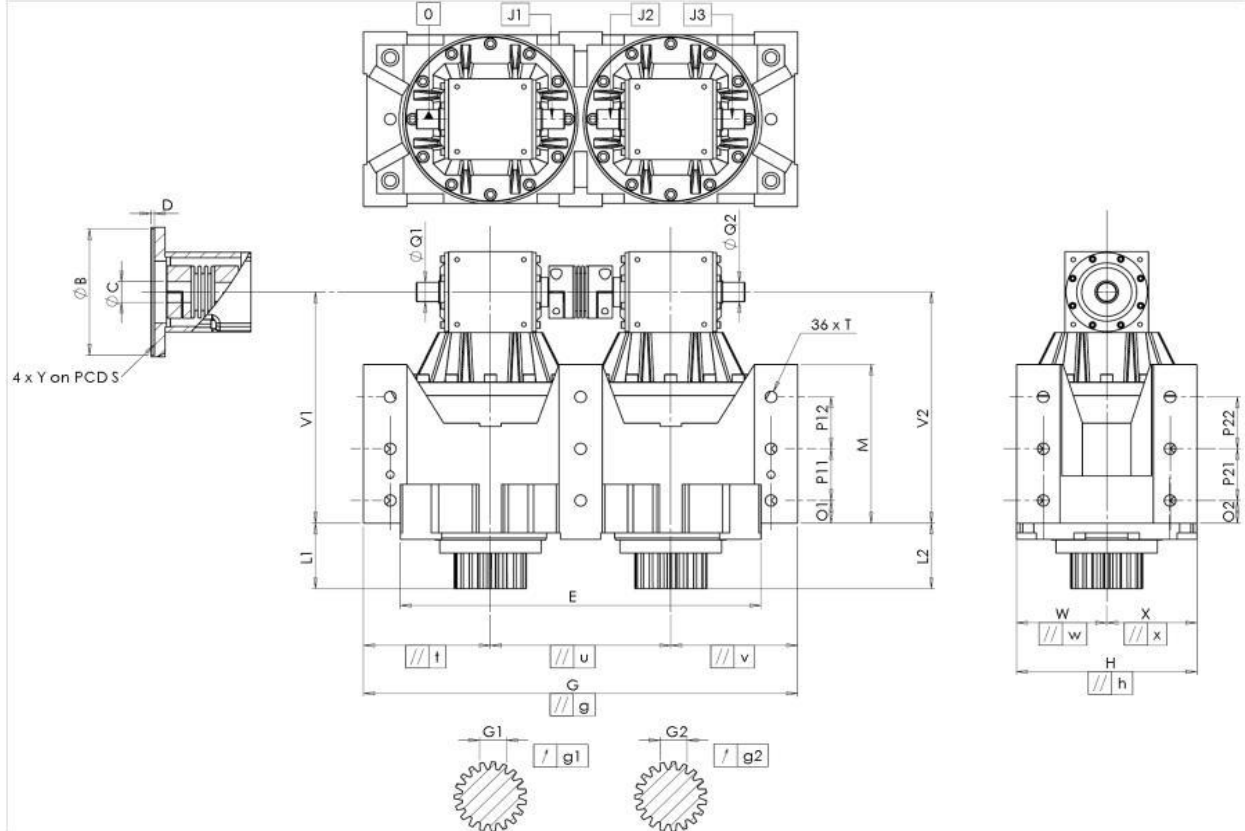
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EXTERNAL DIMENSIONS & INTERFACES:

SN: 902796



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			
				B7492								-			
	E	460	⁰ _{-0,05}	Cmm	459,977		O1	30	Cr	30		Ø	B		µm
	G	560	^{+0,1} _{-0,1}	Cmm	559,939		P11	75	Cr	75		Ø	C		µm
//	g	0,045		Cmm	0,013		M	210	^{+0,1} _{-0,1}	Cmm	209,886 ⁽¹⁾		D		Cr
//	t	0,045		Cmm	0,001		O2	30	Cr	30		Ø	S		Cr
//	u	0,03		Cmm	0,004		P21	75	Cr	75		Ø	Y		Pg
//	v	0,045		Cmm	0,004		P22	75	Cr	75					
	W	115		Cmm	115,004		Ø	T	M16	Pg	M16				
//	w	0,03		Cmm	0,005	OUTPUT PINION									
	X	115		Cmm	115,007	Pinion 1				M2605					
//	x	0,03		Cmm	0,003	Span dimension over 4 teeth									
	H	230	^{+0,025} _{-0,025}	Cmm	230,011		G1	44,27	⁰ _{-0,03}	Cmm	44,255				
//	h	0,02		Cmm	0,017		g1	0,022	Di	0,01					
	V1	298		Cmm	298,107										
	L1	85		Cmm	85,054										
	V2	298		Cmm	298,137										
	L2	85		Cmm	85,13										
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	24,996		G2	44,27	⁰ _{-0,03}	Cmm	44,25				
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	24,998		g2	0,022	Di	0,005					
	J1		/0	µm	0,035	No-load input torque									
	J2		/0	µm	0,015		Line			1 Nm					
	J3		/0	µm	0,025		Line 2			1 Nm					

Date: 24/01/2019

Visa: C DE MIRANDA

Version: A

Torsional stiffness
(Nm/arcmin)

Radial stiffness
(N/µm)

Noise level
@1600 rpm input (dB(A))

Line

2

1

2

73,5

243,75

243,75

554

571

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