

DRP

Performance sheet

RX183/005-B

Page1/2

CUSTOMER:

ROMI S.A

CUSTOMER ORDER REF:

*819353 ROMI

DISTRIBUTOR:

REDEX ORDER REF:

220041

DESIGNATION:

DRP2.R1.31.4.S

SERIAL NUMBER:

909937

CODE:

RX135368-12

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:

Product images are for illustrative purposes only.

DRP

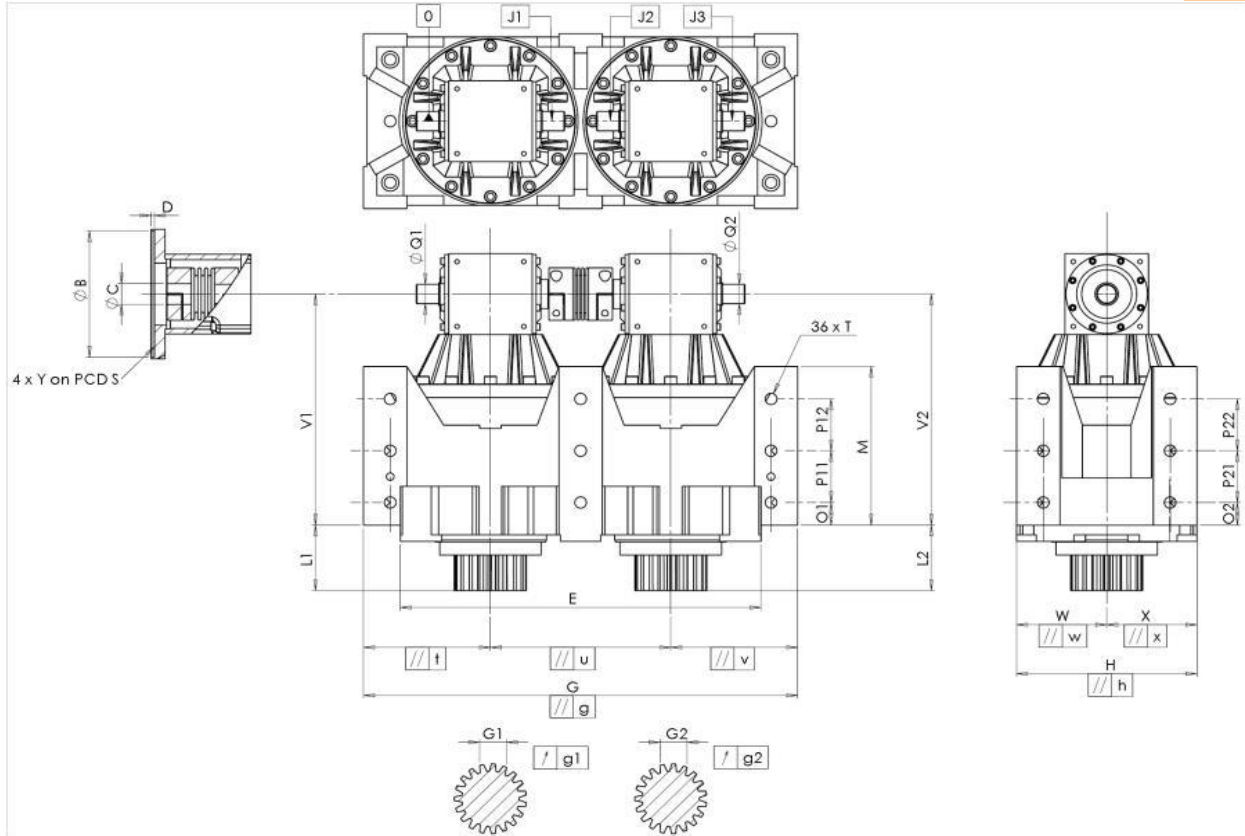
Performance sheet

RX183/005-B

Page2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN: 909937



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				
				J3209								-				
	E	460	⁰ _{-0,05}	Cmm	459.994		O1	30	Cr	30		Ø	B		µm	
	G	560	^{+0,1} _{-0,1}	Cmm	559.948		P11	75	Cr	75		Ø	C		µm	
//	g	0,045		Cmm	0.019		M	210	^{+0,1} _{-0,1}	Cmm	209.924			D		Cr
//	t	0,045		Cmm	0.004		O2	30	Cr	30		Ø	S		Cr	
//	u	0,03		Cmm	0.005		P21	75	Cr	75		Ø	Y		Pg	
//	v	0,045		Cmm	0.003		P22	75	Cr	75						
	W	115		Cmm	115.039		Ø	T	M16	Pg	M16					
//	w	0,03		Cmm	0.007	OUTPUT PINION										
	X	115		Cmm	114.966	Pinion 1				J279						
//	x	0,03		Cmm	0.008	Span dimension over 4 teeth										
	H	230	^{+0,025} _{-0,025}	Cmm	230.006		G1	44,27	⁰ _{-0,03}	Cmm	44.255					
//	h	0,02		Cmm	0.014		g1	0,022	Di	0.01						
	V1	298		Cmm	298.133	Pinion 2				J273						
	L1	85		Cmm	85.119	Span dimension over 4 teeth										
	V2	298		Cmm	297.958		G2	44,27	⁰ _{-0,03}	Cmm	44.25					
	L2	85		Cmm	85.08		g2	0,022	Di	0.02						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25.002	No-load input torque										
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25.002	Line				2 Nm						
	J1		/0	Di	0.03	Line 2				2,1 Nm						
	J2		/0	Di	0.02											
	J3		/0	Di	0.02											

Date: 23/07/2025

Visa: C DE MIRANDA

Version: A

Torsional stiffness (Nm/arcmin)

Radial stiffness (N/µm)

Noise level

@1600 rpm input (dB(A))

73.0

Line

1

2

1

2

243,75

243,75

606

625