DRP		Page
Performance sheet	RX183/005-B	1/2

CUSTOMER:	ROMI Industrias S.A.	**CUSTOMER ORDER REF:**	704574 ROMI
DISTRIBUTOR:		**REDEX ORDER REF:**	216448
DESIGNATION:	DRP2+R.31.4.S	**SERIAL NUMBER:**	906242
CODE:	RX130746-12	**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:	**18,7 Nm**

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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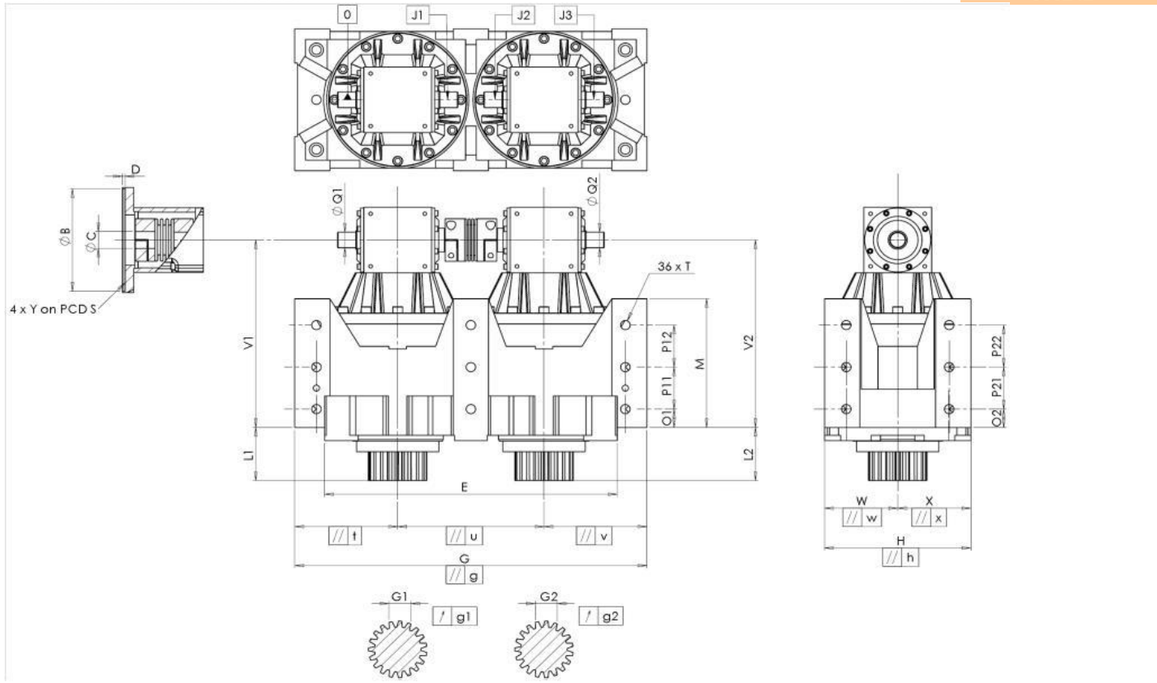
DRP		Page
Performance sheet	RX183/005-B	2/2

EXTERNAL DIMENSIONS & INTERFACES: **SN:** 906242



General tolerance: Js13 | *Cmm* Automatic / manual coordinate-measuring machine | *µm* Micrometer | *Cr* Calliper rule | *Di* Dial indicator | *Pg* Plug gauge

HOUSING

	requirement			measure
				D3070
	E	460 $^{0}_{-0,05}$	*Cmm*	459,976
	G	560 $^{+0,1}_{-0,1}$	*Cmm*	559,933
//	g	0,045	*Cmm*	0,028
//	t	0,045	*Cmm*	0,002
//	u	0,03	*Cmm*	0,004
//	v	0,045	*Cmm*	0,003
	W	115	*Cmm*	115,014
//	w	0,03	*Cmm*	0,007
	X	115	*Cmm*	114,995
//	x	0,03	*Cmm*	0,007
	H	230 $^{+0,025}_{-0,025}$	*Cmm*	230,009
//	h	0,02	*Cmm*	0,011
	V1	298	*Cmm*	298,138
	L1	85	*Cmm*	85,118
	V2	298	*Cmm*	298,236
	L2	85	*Cmm*	85,174
Ø	Q1	25 $^{+0,009}_{-0,004}$	*Cmm*	25,005
Ø	Q2	25 $^{+0,009}_{-0,004}$	*Cmm*	25,003
	J1	/0	*Di*	0,01
	J2	/0	*Di*	0,03
	J3	/0	*Di*	0

HOUSING

	requirement			measure
	O1	30	*Cr*	30
	P11	75	*Cr*	75
	P12	75	*Cr*	75
	M	210 $^{+0,1}_{-0,1}$	*Cmm*	209,9
	O2	30	*Cr*	30
	P21	75	*Cr*	75
	P22	75	*Cr*	75
Ø	T	M16	*Pg*	M16

OUTPUT PINION

Pinion 1				M2387
Span dimension over 4 teeth				
	G1	44,27 $^{0}_{-0,03}$	*Cmm*	46,26
↗	g1	0,022	*Di*	0,01
Pinion 2				M2381
Span dimension over 4 teeth				
	G2	44,27 $^{0}_{-0,03}$	*Cmm*	44,26
↗	g2	0,022	*Di*	0,01

No-load input torque

Line	1 Nm
Line 2	1 Nm

MOTOR FLANGE

	requirement			measure
				-
Ø	B		*µm*	
Ø	C		*µm*	
	D		*Cr*	
Ø	S		*Cr*	
Ø	Y		*Pg*	

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	243,75
	2	243,75
Radial stiffness (N/µm)	1	558
	2	642

Noise level

@1600 rpm input (dB(A))	73,5

Date: 13/04/2022 **Visa:** C DE MIRANDA

Version: A

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