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CUSTOMER:	ROMI Inndustrias S.A.	CUSTOMER ORDER REF: ROMI 543196
DISTRIBUTOR:		REDEX ORDER REF: 209044
DESIGNATION:	DRP5+R.91.4.S	SERIAL NUMBER: 896745
CODE:	RX129593-33	MOTOR FLANGE CODE: RX129792-01

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:	34,2 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

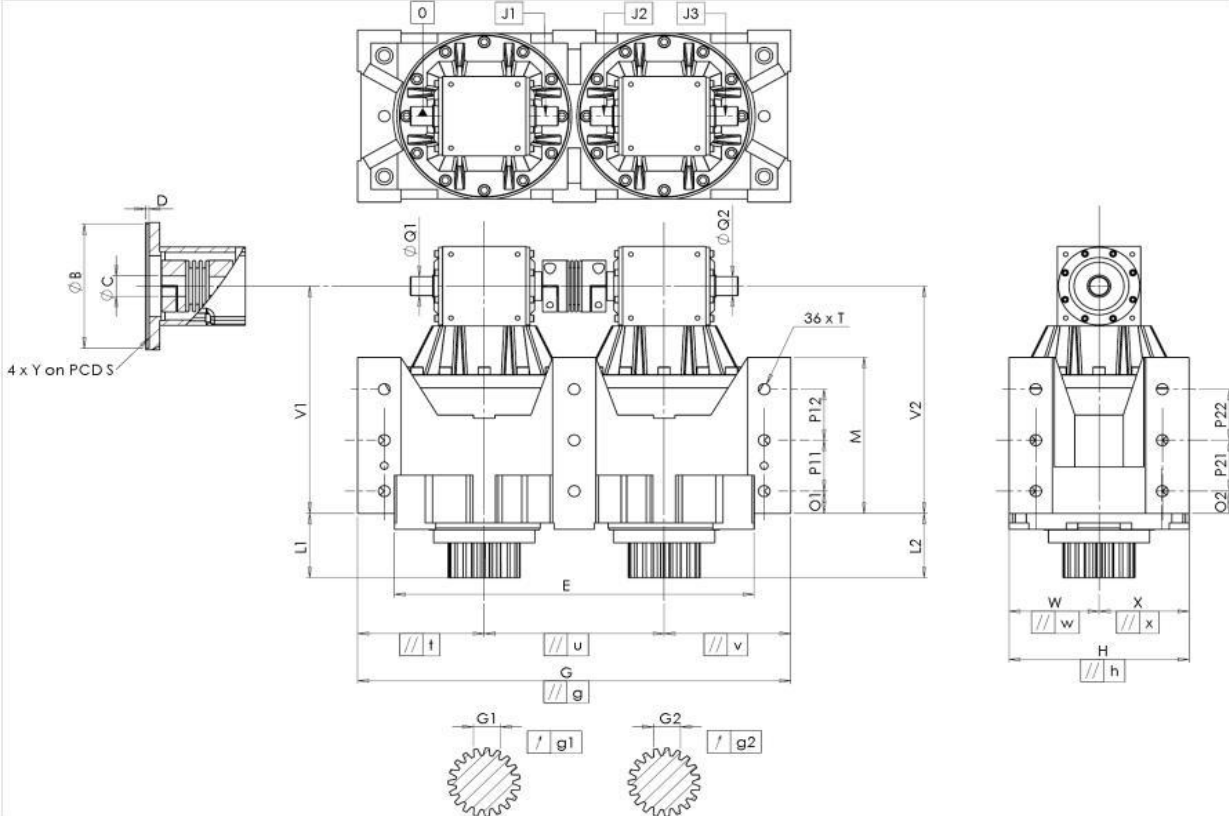
Performance sheet

RX183/005-B

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EXTERNAL DIMENSIONS & INTERFACES:

SN: 896745



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						
				K3307								K3321						
	E	720	⁰ _{-0,15}	Cmm	719,925		O1	50	Cr	50								
	G	920	^{+0,3} _{-0,3}	Cmm	920,136		P11	105	Cr	105		Ø	B	180	^{+0,054} _{+0,014} µm 180,054			
//	g	0,055		Cmm	0,026		P12	105	Cr	105		Ø	C	38	^{+0,05} _{+0,025} µm 38,025			
//	t	0,055		Cmm	0,004		M	320	^{+0,1} _{-0,1} Cmm	319,992			D	8	Cr 8,09			
//	u	0,04		Cmm	0,014		O2	50	Cr	50		Ø	S	215	Cr 215			
//	v	0,055		Cmm	0,006		P21	105	Cr	105		Ø	Y	M12	Pg M12			
	W	180		Cmm	179,979		P22	105	Cr	105								
//	w	0,05		Cmm	0,01		Ø	T	M30	Pg	M30							
	X	180		Cmm	180,022		OUTPUT PINION											
//	x	0,05		Cmm	0,014		Pinion 1				S1801							
	H	360	^{+0,045} _{-0,045}	Cmm	360,001		Span dimension over 3 teeth											
//	h	0,03		Cmm	0,026		G1	62,54	⁰ _{-0,05} Cmm	62,51								
	V1	512		Cmm	512,383		↑	g1	0,03	Di	0,02							
	L1	157		Cmm	156,947		Pinion 2				R1927							
	V2	512		Cmm	512,335		Span dimension over 3 teeth											
	L2	157		Cmm	157,24		G2	62,54	⁰ _{-0,05} Cmm	62,51								
Ø	Q1	45	^{+0,011} _{-0,005}	Cmm	44,995		↑	g2	0,03	Di	0,018							
Ø	Q2	45	^{+0,011} _{-0,005}	Cmm	44,997		No-load input torque											
	J1		/0	µm	0,02		Line				3 Nm							
	J2		/0	µm	-0,02		Line 2				3 Nm							
	J3		/0	µm	0,02													
Date: 16/01/2015																Visa: JJ PELLÉ		
Version: A																		
Torsional stiffness (Nm/arcmin)																Line	1	1091
Radial stiffness (N/µm)																Line	2	1068
																Line	1	1442
																Line	2	1246
																Noise level		
																@1000 rpm input (dB(A))		74,0

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