

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

REDEX SHANGHAI REPAIRING

CUSTOMER ORDER REF:

ATTENTE COMMANDE

DISTRIBUTOR:

REDEX ORDER REF:

214118

DESIGNATION:

DRP2+R.31.4.H

SERIAL NUMBER:

903239

CODE:

RX128950-12

MOTOR FLANGE CODE:

RX129627-01

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:	18,7 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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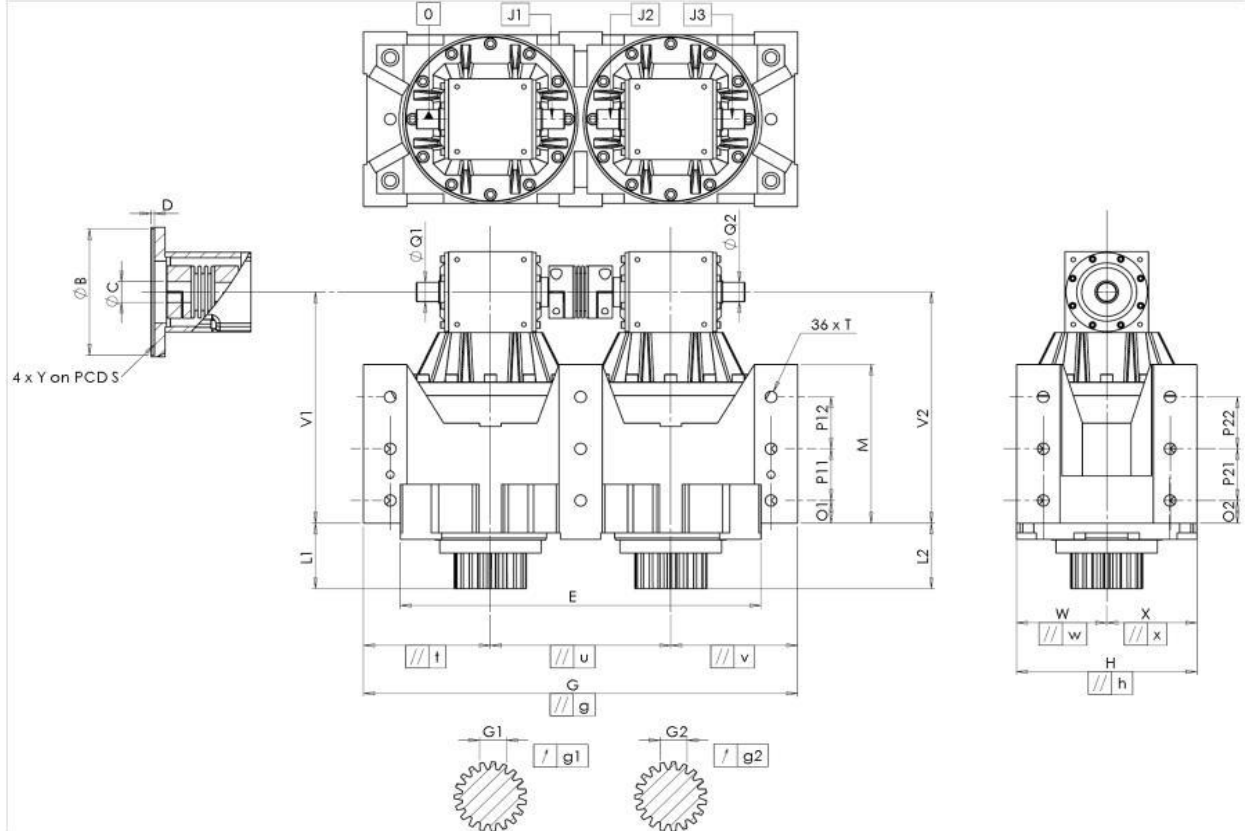
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EXTERNAL DIMENSIONS & INTERFACES:

SN:

903239



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		requirement					measure	
					H5358							30							K2273	
	E	460	⁰ _{-0,05}	Cmm	459,984		P11	75	Cr	75		Ø	B	180	^{+0,054} _{+0,014}	µm	180,037			
	G	560	^{+0,1} _{-0,1}	Cmm	559,958		P12	75	Cr	75		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05			
//	g	0,045		Cmm	0,022		M	210	^{+0,1} _{-0,1}	Cmm	209,978		D	8		Cr	8,09			
//	t	0,045		Cmm	0,009		O2	30	Cr	30		Ø	S	215		Cr	215			
//	u	0,03		Cmm	0,011		P21	75	Cr	75		Ø	Y	M12		Pg	M12			
//	v	0,045		Cmm	0,003		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	114,999	Pinion 1												S896		
//	x	0,03		Cmm	0,004	Span dimension over 4 teeth														
	H	230	^{+0,025} _{-0,025}	Cmm	230,003		G1	44,27	⁰ _{-0,03}	Cmm	44,255									
//	h	0,02		Cmm	0,011	↗	g1	0,022		Di	0,01									
	V1	298		Cmm	298,304	Pinion 2					S759									
	L1	85		Cmm	84,968	Span dimension over 4 teeth														
	V2	298		Cmm	298,338		G2	44,27	⁰ _{-0,03}	Cmm	44,255								Torsional stiffness (Nm/arcmin)	
	L2	85		Cmm	84,95		g2	0,022		Di	0,01	Radial stiffness (N/µm)		1	564					
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25,003	No-load input torque					Noise level									
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25,001	Line										1 Nm				
	J1	/0	µm	0,005	Line 2					1 Nm										
	J2	/0	µm	0,005																
	J3	/0	µm	0,025																
@1600 rpm input (dB(A))																	72,0			

Date: 22/03/2019

Version: A

Visa: P VASLIER

		Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	243,75	
	2	243,75	
Radial stiffness (N/μm)	1	564	
	2	658	
Noise level			
@1600 rpm input (dB(A))			72,0