

DRP

Performance sheet

RX183/005-B

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CUSTOMER:YUKON CNC MACHINE

CUSTOMER ORDER REF:RX107315T YUCON

DISTRIBUTOR:

REDEX ORDER REF:213218

DESIGNATION:DRP2+R.31.4.H

SERIAL NUMBER:902461

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:

Product images are for illustrative purposes only.

REDEX

ZI-BP79

F45210 FERRIERES

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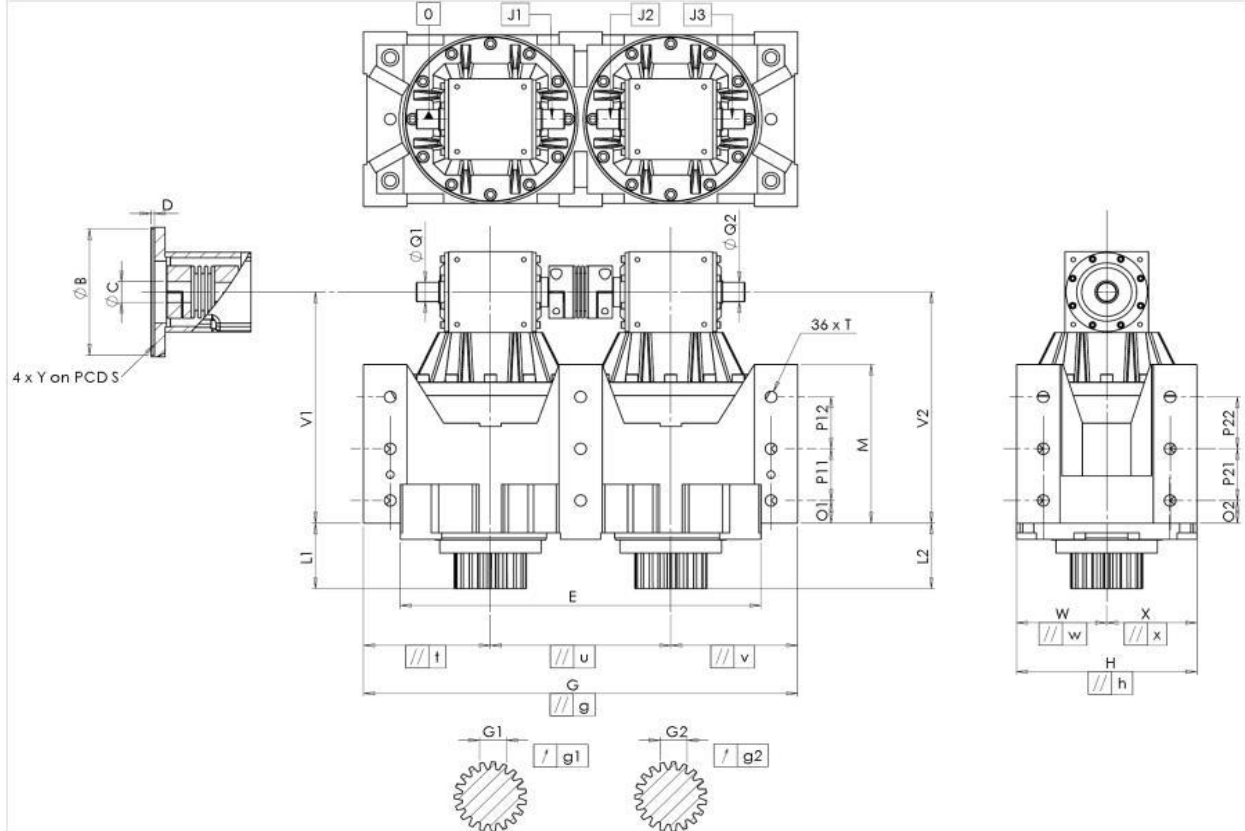
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EXTERNAL DIMENSIONS & INTERFACES:

SN:902461



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				
				B3528								-				
	E	460	⁰ _{-0,05}	Cmm	459,969		O1	30	Cr	30		Ø	B		µm	
	G	560	^{+0,1} _{-0,1}	Cmm	560,007		P11	75	Cr	75		Ø	C		µm	
//	g	0,045		Cmm	0,009		M	210	^{+0,1} _{-0,1}	Cmm	210,012			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	0,001		P22	75	Cr	75						
	W	115		Cmm	115,005		Ø	T	M16	Pg	M16					
//	w	0,03		Cmm	0,004	OUTPUT PINION										
	X	115		Cmm	114,997	Pinion 1				M1181						
//	x	0,03		Cmm	0,004	Span dimension over 4 teeth										
	H	230	^{+0,025} _{-0,025}	Cmm	230,001		G1	44,27	⁰ _{-0,03}	Cmm	44,245					
//	h	0,02		Cmm	0,008		g1	0,022	Di	0,015						
	V1	298		Cmm	298,25	Pinion 2				M1196						
	L1	85		Cmm	84,954	Span dimension over 4 teeth										
	V2	298		Cmm	298,217		G2	44,27	⁰ _{-0,03}	Cmm	44,25					
	L2	85		Cmm	84,87		g2	0,022	Di	0,01						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25,003	No-load input torque										
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25,003	Line				1 Nm						
	J1		/0	µm	0,01	Line 2				1 Nm						
	J2		/0	µm	0,005											
	J3		/0	µm	0,005											

Date:16/11/2018

Visa:C DE MIRANDA p.o. JP MOUZICONACO

Version:A

Line			Stiffness
Torsional stiffness (Nm/arcmin)	1	243,75	
	2	243,75	
Radial stiffness (N/µm)	1	569	
	2	640	

Noise level

@1600 rpm input (dB(A))

71,0

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