

DRP

Performance sheet

RX183/005-B

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CUSTOMER:HIGH ENERGY TECHNOLOGY C

CUSTOMER ORDER REF:RX107313T ANNN YANG

DISTRIBUTOR:

REDEX ORDER REF:213000

DESIGNATION:DRP2+R.31.4.H

SERIAL NUMBER:902012

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.

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DRP

Performance sheet

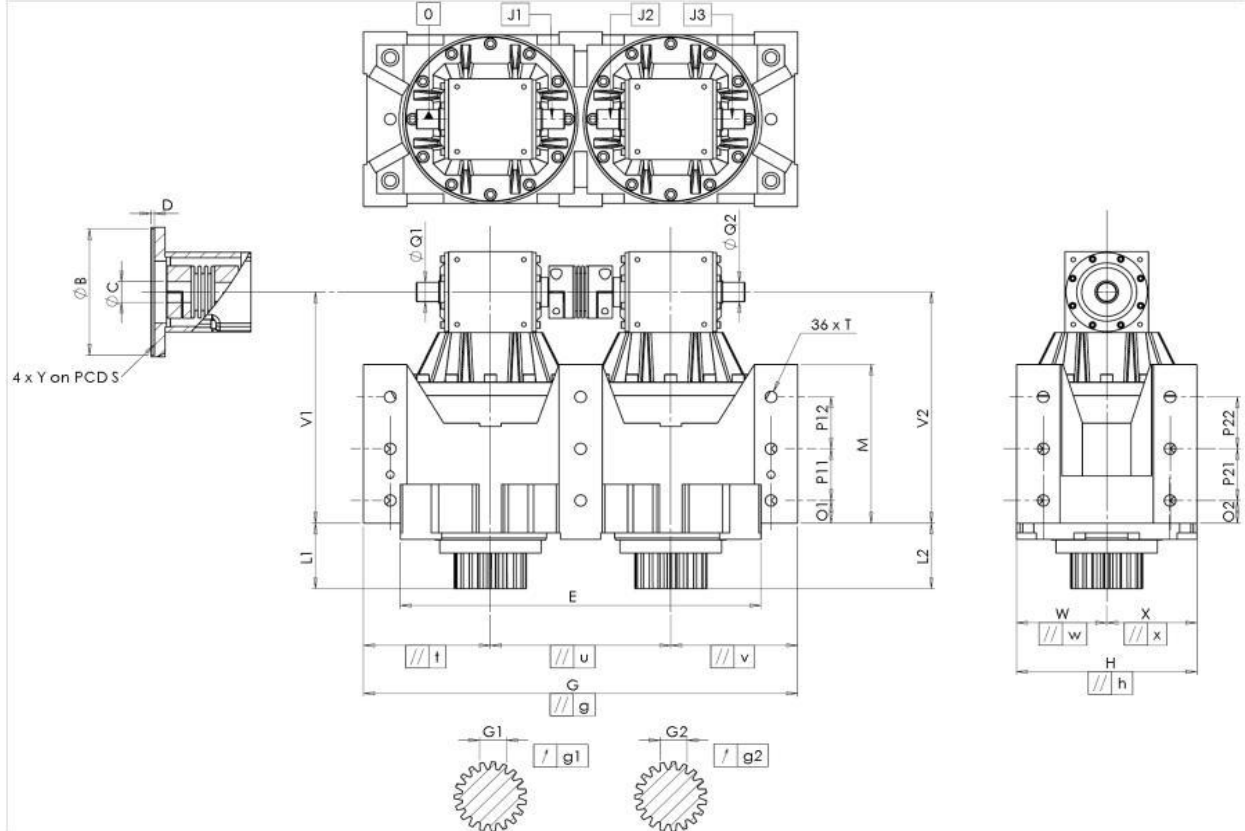
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EXTERNAL DIMENSIONS & INTERFACES:

SN:902012



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				
				B3154								-				
	E	460	⁰ _{-0,05}	Cmm	459.98		O1	30	Cr	30		Ø	B		µm	
	G	560	^{+0,1} _{-0,1}	Cmm	559.944		P11	75	Cr	75		Ø	C		µm	
//	g	0,045		Cmm	0.018		M	210	^{+0,1} _{-0,1}	Cmm	209.946			D		Cr
//	t	0,045		Cmm	0.002		O2	30	Cr	30		Ø	S		Cr	
//	u	0,03		Cmm	0.003		P21	75	Cr	75		Ø	Y		Pg	
//	v	0,045		Cmm	0.001		P22	75	Cr	75						
	W	115		Cmm	115.008	Ø	T	M16	Pg	M16						
//	w	0,03		Cmm	0.002	OUTPUT PINION										
	X	115		Cmm	115.007	Pinion 1				M662						
//	x	0,03		Cmm	0.001	Span dimension over 4 teeth										
	H	230	^{+0,025} _{-0,025}	Cmm	230.015		G1	44,27	⁰ _{-0,03}	Cmm	44.26					
//	h	0,02		Cmm	0.012	↗	g1	0,022	Di	0.005						
	V1	298		Cmm	298.186	Pinion 2				M665						
	L1	85		Cmm	85.14	Span dimension over 4 teeth										
	V2	298		Cmm	298.163		G2	44,27	⁰ _{-0,03}	Cmm	44.26					
	L2	85		Cmm	85.074	↗	g2	0,022	Di	0.02						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25.005	No-load input torque										
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25.004	Line				1 Nm						
	J1		/0	µm	0	Line 2				1 Nm						
	J2		/0	µm	0.02											
	J3		/0	µm	0.03											

Date:12/07/2018

Visa:C DE MIRANDA

Version:A

Line			Stiffness
Torsional stiffness (Nm/arcmin)	1	243,75	
	2	243,75	
Radial stiffness (N/µm)	1	446	
	2	484	

Noise level

@1600 rpm input (dB(A))

74.0

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