

DRP

Performance sheet

RX183/005-B

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CUSTOMER:MYDAY MACHINERY

CUSTOMER ORDER REF:RX109310T TIMTOS

DISTRIBUTOR:REDEX ORDER REF:215507

DESIGNATION:DRP3+R.61.4.H

SERIAL NUMBER:904847

CODE:RX128771-32

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:	14,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

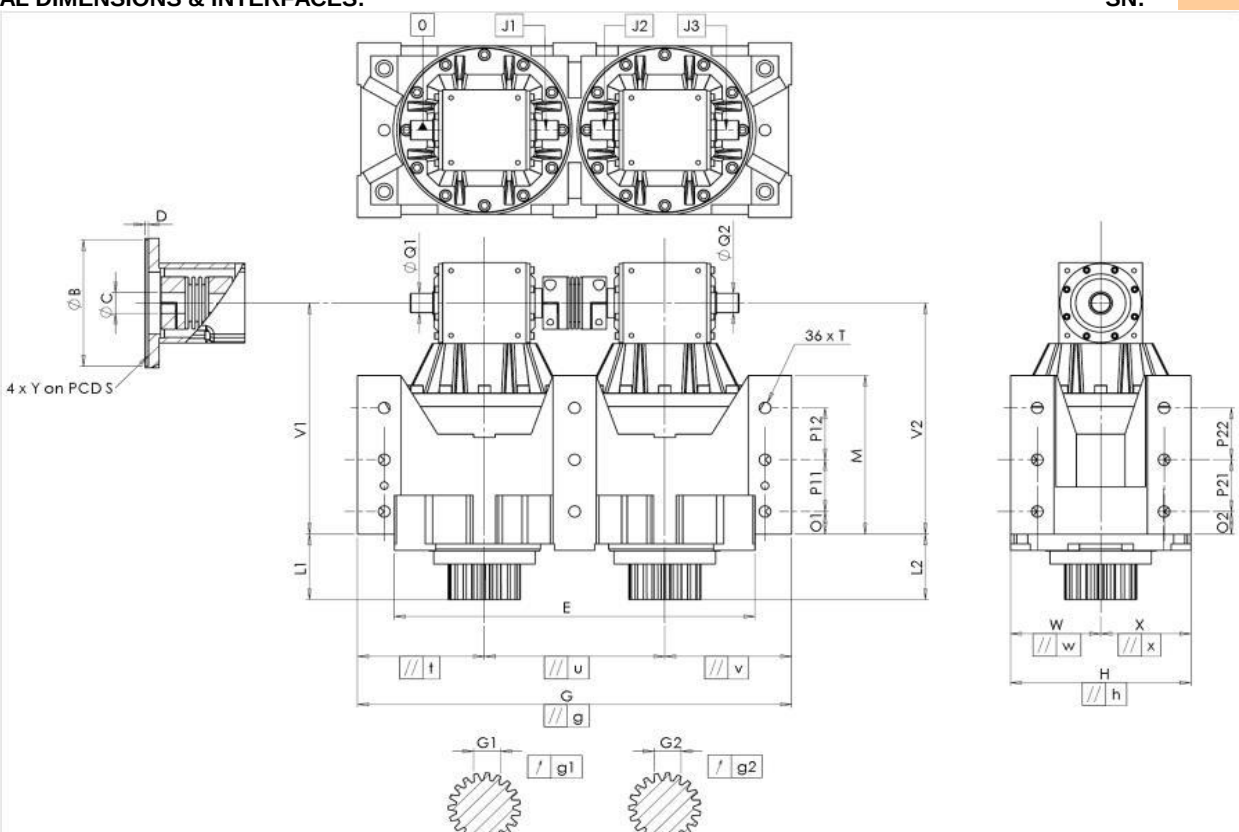
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EXTERNAL DIMENSIONS & INTERFACES:

SN:904847



General tolerance: Js13	Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge
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HOUSING				HOUSING				MOTOR FLANGE								
requirement				measure				requirement				measure				
				D913								-				
	E	540	⁰ _{-0,1}	Cmm	539,957		O1	35	Cr	35		Ø	B		µm	
	G	650	^{+0,2} _{-0,2}	Cmm	650,033		P11	80	Cr	80		Ø	C		µm	
//	g	0,045		Cmm	0,016		M	245	^{+0,1} _{-0,1}	Cmm	244,978			D		Cr
//	t	0,045		Cmm	0,003		O2	35	Cr	35		Ø	S		Cr	
//	u	0,035		Cmm	0,007		P21	80	Cr	80		Ø	Y		Pg	
//	v	0,045		Cmm	0,006		P22	80	Cr	80						
	W	135		Cmm	135,01		Ø	T	M20	Pg	M20					
//	w	0,035		Cmm	0,005		OUTPUT PINION									
	X	135		Cmm	134,994		Pinion 1				K2448					
//	x	0,035		Cmm	0,004		Span dimension over 3 teeth									
	H	270	^{+0,04} _{-0,04}	Cmm	270,004		G1	39,25	⁰ _{-0,03}	Cmm	39,23					
//	h	0,02		Cmm	0,008		g1	0,022	Di	0,01						
	V1	357		Cmm	357,146		Pinion 2				K2441					
	L1	101		Cmm	101,226		Span dimension over 3 teeth									
	V2	357		Cmm	357,146		G2	39,25	⁰ _{-0,03}	Cmm	39,23					
	L2	101		Cmm	101,045		g2	0,022	Di	0,015						
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,006		No-load input torque									
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,007		Line				0,7 Nm					
	J1		/0	Di	0		Line 2				0,7 Nm					
	J2		/0	Di	-0,01											
	J3		/0	Di	-0,015											

Date:07/12/2020

Version:A

Visa:P VASLIER



Line			Stiffness
Torsional stiffness (Nm/arcmin)			1 473,03
			2 473,03
Radial stiffness (N/µm)			1 924
			2 866

Noise level	
@1600 rpm input (dB(A))	69,0