

DRP

Performance sheet

RX183/005-B

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CUSTOMER:EXIDER PLUS LTD

CUSTOMER ORDER REF:2017-10/205 EXIDER PLUS

DISTRIBUTOR:

REDEX ORDER REF:212666

DESIGNATION:DRP2+R.31.4.H

SERIAL NUMBER:901524

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:

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

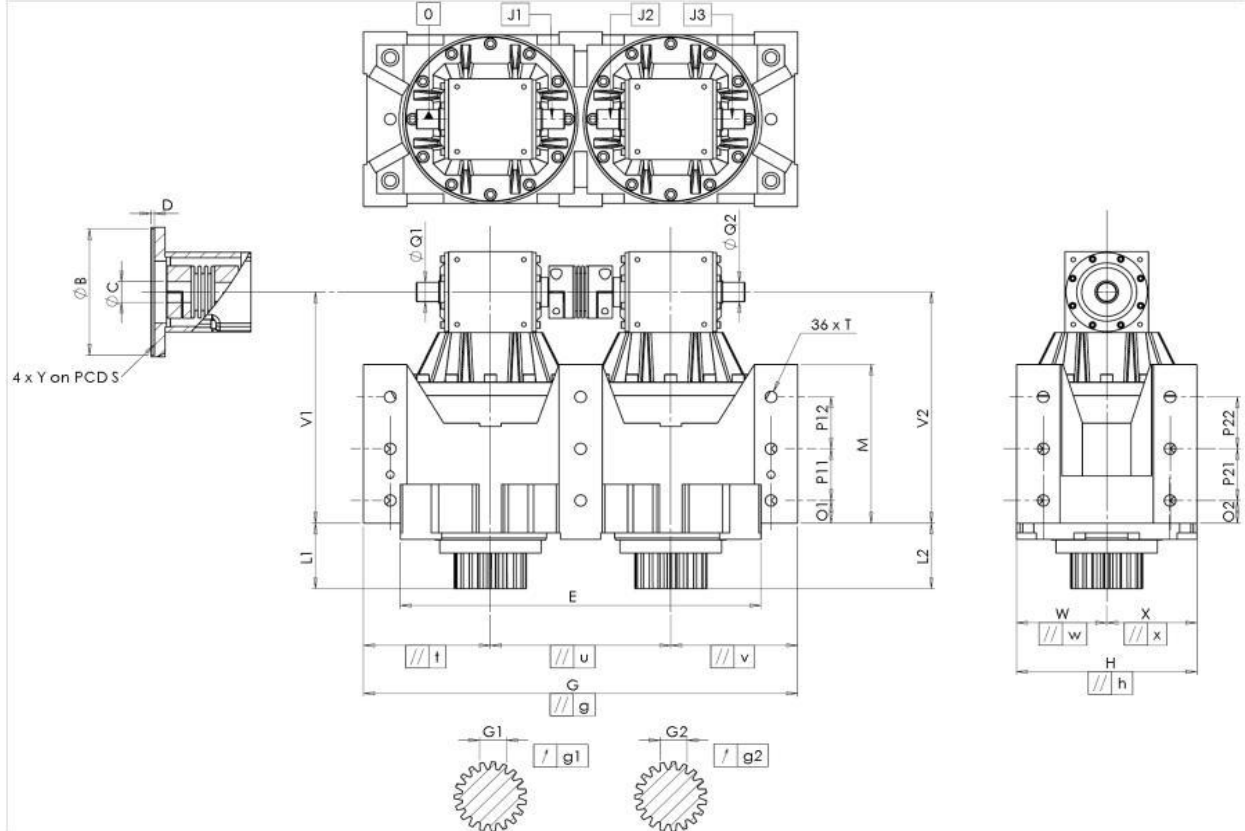
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EXTERNAL DIMENSIONS & INTERFACES:

SN:901524



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					
				A7223								A4018					
	E	460	⁰ _{-0,05}	Cmm	459.97		O1	30	Cr	30		Ø	B	180	^{+0,054} _{+0,014}	µm	180.014
	G	560	^{+0,1} _{-0,1}	Cmm	559.97		P11	75	Cr	75		Ø	C	38	^{+0,05} _{+0,025}	µm	38.04
//	g	0,045		Cmm	0.011		M	210	^{+0,1} _{-0,1}	Cmm	209.976		D	8		Cr	8.09
//	t	0,045		Cmm	0.004		O2	30	Cr	30		Ø	S	215		Cr	215
//	u	0,03		Cmm	0.004		P21	75	Cr	75		Ø	Y	M12		Pg	M12
//	v	0,045		Cmm	0.001		P22	75	Cr	75							
	W	115		Cmm	114.986		Ø	T	M16	Pg	M16						
//	w	0,03		Cmm	0.006		OUTPUT PINION										
	X	115		Cmm	115.026		Pinion 1				N2292						
//	x	0,03		Cmm	0.005		Span dimension over 4 teeth										
	H	230	^{+0,025} _{-0,025}	Cmm	230.012		G1	44,27	⁰ _{-0,03}	Cmm	44.255						
//	h	0,02		Cmm	0.009		g1	0,022		Di	0.01						
	V1	298		Cmm	298.302		Pinion 2				N2297						
	L1	85		Cmm	84.981		Span dimension over 4 teeth										
	V2	298		Cmm	298.228		G2	44,27	⁰ _{-0,03}	Cmm	44.25						
	L2	85		Cmm	84.99		g2	0,022		Di	0.01						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25.004		No-load input torque										
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25.005		Line				0,8 Nm						
	J1		/0	µm	0.01		Line 2				0,9 Nm						
	J2		/0	µm	0.02												
	J3		/0	µm	0.02												

Date:12/04/2018

Visa:C DE MIRANDA

Version:A

Torsional stiffness (Nm/arcmin)

1243,75

2243,75

Radial stiffness (N/µm)

1514

2521

Noise level

@1600 rpm input (dB(A))

74.0

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