

DRP

Performance sheet

RX183/005-B

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CUSTOMER:STANKOINVEST

CUSTOMER ORDER REF:01-221217 STANKOINVEST

DISTRIBUTOR:

REDEX ORDER REF:212642

DESIGNATION:DRP2+R.31.4.H

SERIAL NUMBER:901528

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.

REDEX

ZI-BP79

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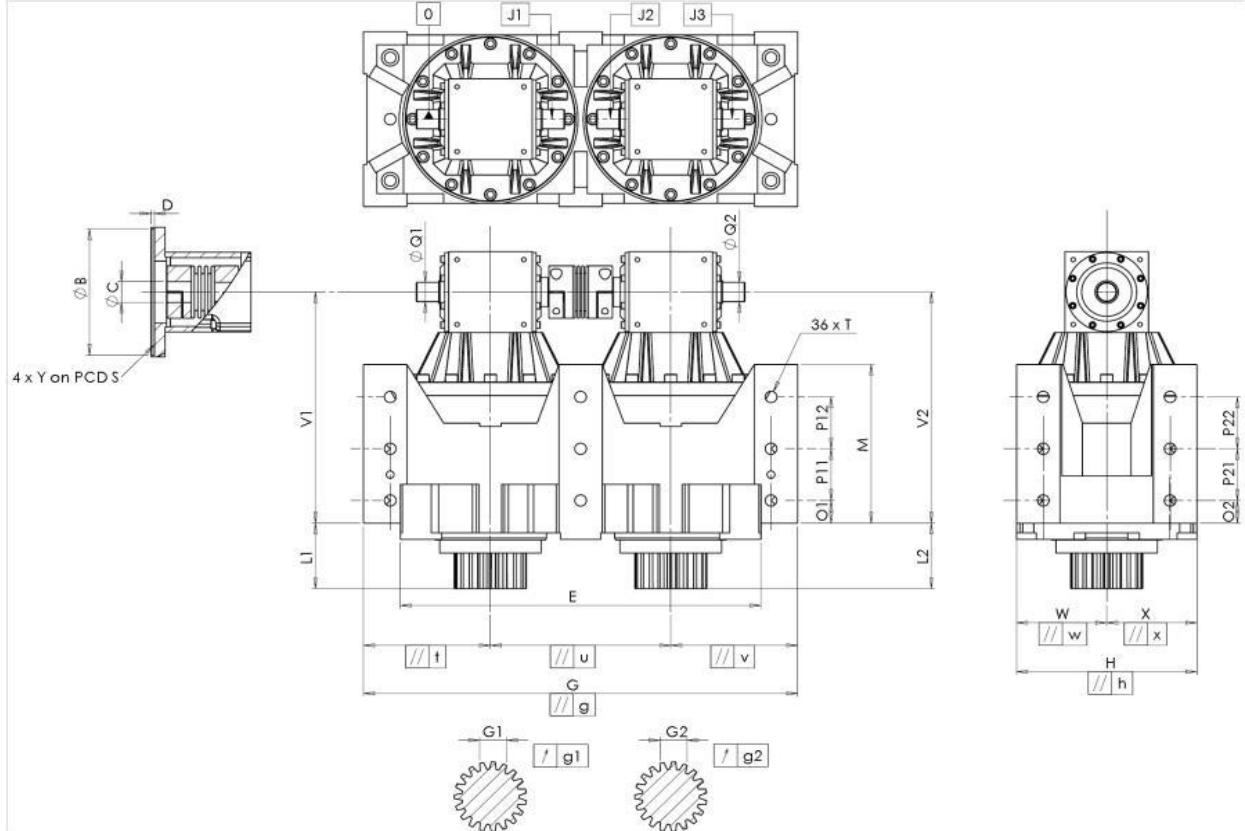
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EXTERNAL DIMENSIONS & INTERFACES:

SN:901528



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					
				A7222								A8886					
	E	460	⁰ _{-0,05}	Cmm	459.95		O1	30	Cr	30		Ø	B	180	^{+0,054} _{+0,014}	µm	180.024
	G	560	^{+0,1} _{-0,1}	Cmm	559.965		P11	75	Cr	75		Ø	C	38	^{+0,05} _{+0,025}	µm	38.025
//	g	0,045		Cmm	0.015		M	210	^{+0,1} _{-0,1}	Cmm	209.96		D	8		Cr	8.09
//	t	0,045		Cmm	0.003		O2	30	Cr	30		Ø	S	215		Cr	215
//	u	0,03		Cmm	0.002		P21	75	Cr	75		Ø	Y	M12		Pg	M12
//	v	0,045		Cmm	0.001		P22	75	Cr	75							
	W	115		Cmm	115.006		Ø	T	M16	Pg	M16						
//	w	0,03		Cmm	0.001		OUTPUT PINION										
	X	115		Cmm	115.006		Pinion 1				N2112						
//	x	0,03		Cmm	0.001		Span dimension over 4 teeth										
	H	230	^{+0,025} _{-0,025}	Cmm	230.013		G1	44,27	⁰ _{-0,03}	Cmm	44.25						
//	h	0,02		Cmm	0.007		g1	0,022		Di	0.01						
	V1	298		Cmm	298.182		Pinion 2				N2407						
	L1	85		Cmm	84.943		Span dimension over 4 teeth										
	V2	298		Cmm	298.3		G2	44,27	⁰ _{-0,03}	Cmm	44.255						
	L2	85		Cmm	85.001		g2	0,022		Di	0.01						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25.002		No-load input torque										
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25.003		Line				0,7 Nm						
	J1		/0	µm	0.01		Line 2				0,7 Nm						
	J2		/0	µm	0.02												
	J3		/0	µm	0.01												

Date:19/04/2018

Visa:C DE MIRANDA

Version:A

Torsional stiffness (Nm/arcmin)

1

243,75

Radial stiffness (N/µm)

1

426

2

528

Noise level

@1600 rpm input (dB(A))

74.0

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