

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

ZMM SLIVEN

CUSTOMER ORDER REF:

*99002515 ZMM SLIVEN AD

DISTRIBUTOR:

REDEX ORDER REF:

220311

DESIGNATION:

DRP2+R.31.4.H

SERIAL NUMBER:

910288

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.

DRP

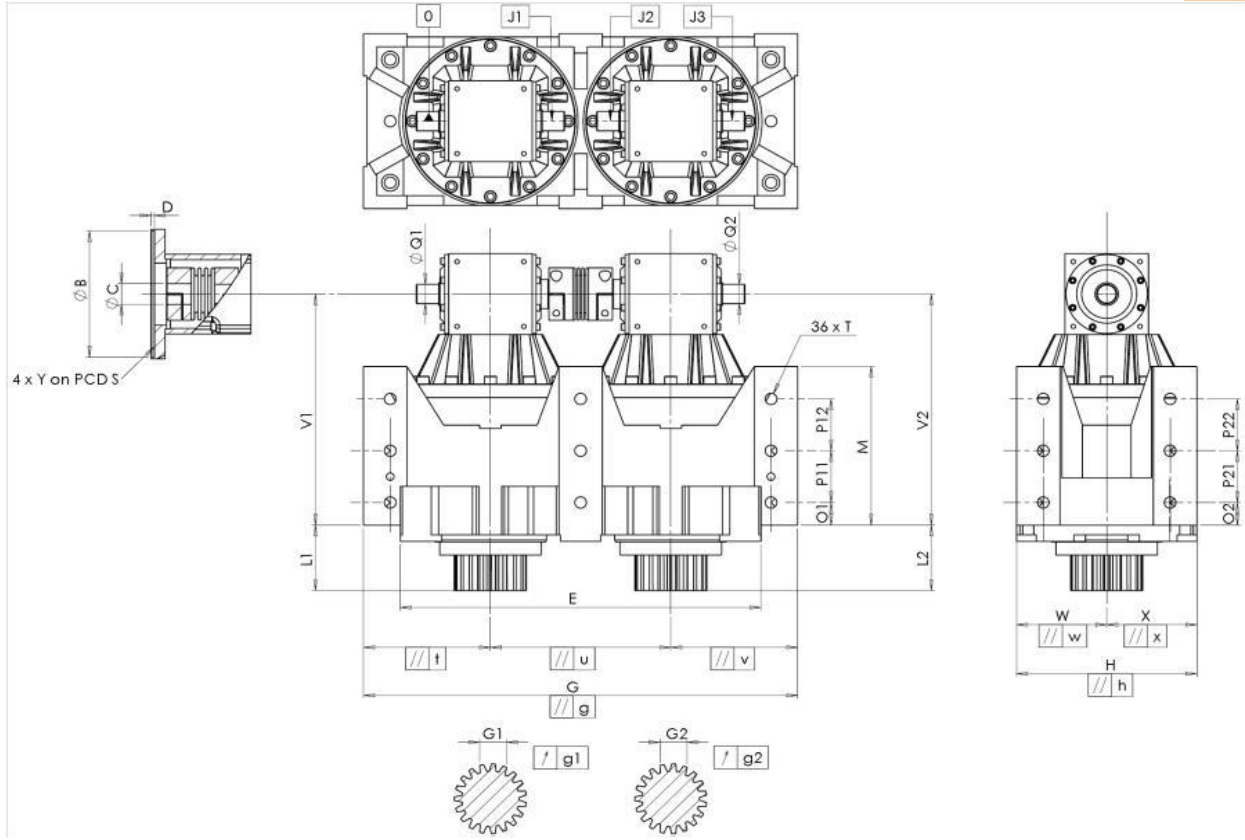
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EXTERNAL DIMENSIONS & INTERFACES:

SN:910288



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			
			J584						J4367			
	E	460 ⁰ _{-0,05}	Cmm	459.979		O1	30	Cr	30			
	G	560 ^{+0,1} _{-0,1}	Cmm	559.919		P11	75	Cr	75	Ø	B	
						P12	75	Cr	75	Ø	C	
//	g	0,045	Cmm	0.035		M	210 ^{+0,1} _{-0,1}	Cmm	209.946		D	
//	t	0,045	Cmm	0.001		O2	30	Cr	30	Ø	S	
//	u	0,03	Cmm	0.003		P21	75	Cr	75	Ø	Y	
//	v	0,045	Cmm	0.001		P22	75	Cr	75		M12	
	W	115	Cmm	115.013		Ø	T	M16	Pg	M16		
//	w	0,03	Cmm	0.006	OUTPUT PINION							
	X	115	Cmm	114.997	Pinion 1							
//	x	0,03	Cmm	0.006	J3312							
	H	230 ^{+0,025} _{-0,025}	Cmm	230.01	Span dimension over 4 teeth							
//	h	0,02	Cmm	0.009		G1	44,27 ⁰ _{-0,03}	Cmm	44.25			
	V1	298	Cmm	298.225		g1	0,022	Di	0.01			
	L1	85	Cmm	85.095	Pinion 2							
	V2	298	Cmm	298.035	J3318							
	L2	85	Cmm	85.062	Span dimension over 4 teeth							
Ø	Q1	25 ^{+0,009} _{-0,004}	Cmm	25.003		G2	44,27 ⁰ _{-0,03}	Cmm	44.25			
Ø	Q2	25 ^{+0,009} _{-0,004}	Cmm	25.004		g2	0,022	Di	0.01			
	J1	/0	Di	0.02	No-load input torque							
	J2	/0	Di	0.01	Line							
	J3	/0	Di	0.02	Line 2							
Date: 27/11/2025											Visa: C DE MIRANDA	
Version: A												

Torsional stiffness (Nm/arcmin)

Radial stiffness (N/µm)

Noise level

@1600 rpm input (dB(A))

Line

Stiffness

1

2

1

2

72.5

243,75

243,75

641

633