

DRP

Performance sheet

RX183/005-B

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CUSTOMER:

ZHEJIANG HUARO

CUSTOMER ORDER REF:

*RXCN2025090873 ZHEJIANG HU

DISTRIBUTOR:

REDEX SHANGHAI REPAIRING

REDEX ORDER REF:

220405

DESIGNATION:

DRP3+R.31.4.H

SERIAL NUMBER:

910354

CODE:

RX128771-12

MOTOR FLANGE CODE:

RX129474-03

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

36,3 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

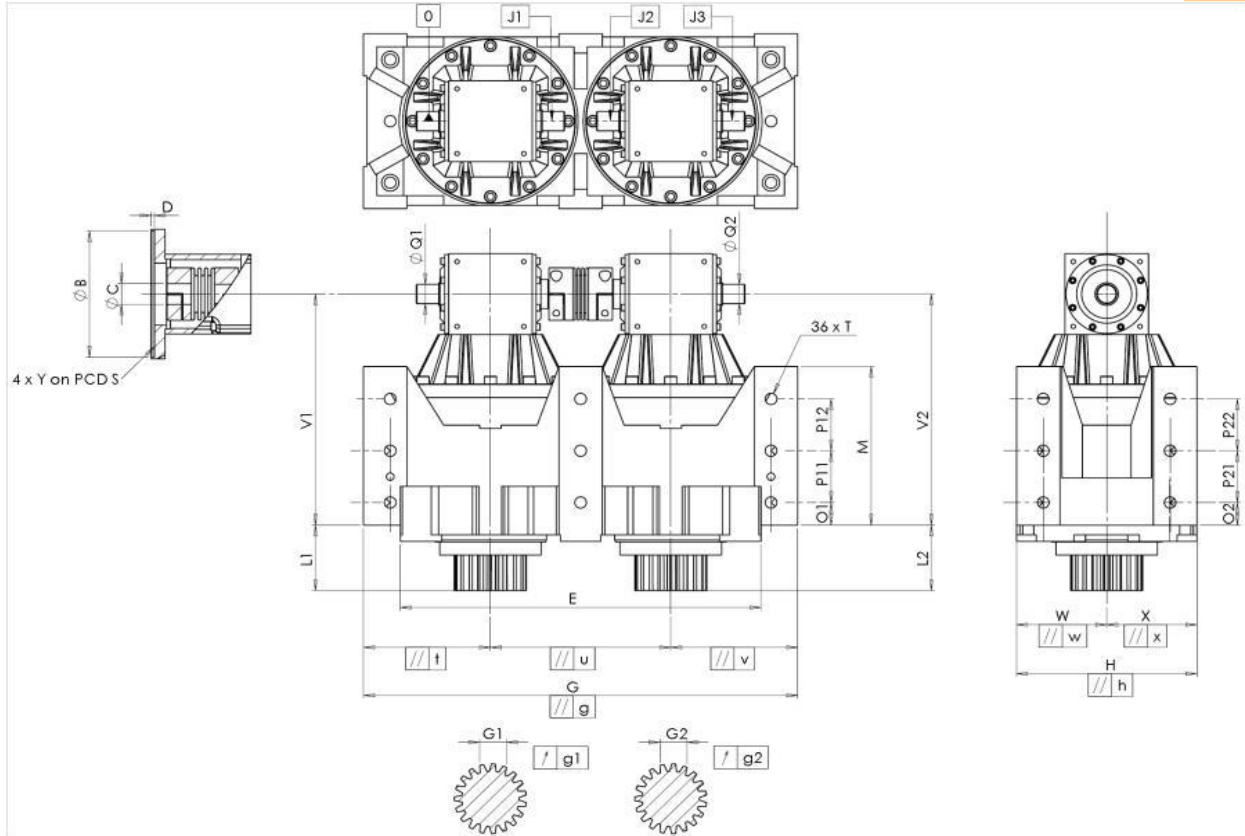
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EXTERNAL DIMENSIONS & INTERFACES:

SN: 910354



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					
			J4142						J2778					
	E	540 ⁰ _{-0,1}	Cmm	539.971		O1	35	Cr	35					
	G	650 ^{+0,2} _{-0,2}	Cmm	649.932		P11	80	Cr	80	Ø	B			
						P12	80	Cr	80	Ø	C			
//	g	0,045	Cmm	0.012		M	245 ^{+0,1} _{-0,1}	Cmm	245.026		D			
//	t	0,045	Cmm	0.001		O2	35	Cr	35	Ø	S			
//	u	0,035	Cmm	0.006		P21	80	Cr	80	Ø	Y			
//	v	0,045	Cmm	0.005		P22	80	Cr	80		M12			
	W	135	Cmm	135.009	Ø	T	M20	Pg	M20					
//	w	0,035	Cmm	0.001	OUTPUT PINION									
	X	135	Cmm	135.009	Pinion 1			G7063						
//	x	0,035	Cmm	0.001	Span dimension over 3 teeth									
	H	270 ^{+0,04} _{-0,04}	Cmm	270.018		G1	39,25 ⁰ _{-0,03}	Cmm	39.23					
//	h	0,02	Cmm	0.007	↗	g1	0,022	Di	0.01					
	V1	357	Cmm	357.267	Pinion 2			G7075						
	L1	101	Cmm	101.025	Span dimension over 3 teeth									
	V2	357	Cmm	357.032		G2	39,25 ⁰ _{-0,03}	Cmm	39.235					
	L2	101	Cmm	101.034	↗	g2	0,022	Di	0.01					
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30.002	No-load input torque									
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	29.996	Line			2,3 Nm						
	J1	/0	Di	0.01	Line 2			2,3 Nm						
	J2	/0	Di	0.01										
	J3	/0	Di	0.01										
Date: 04/12/2025											Visa: C DE MIRANDA			
Version: A														
Noise level														
@1600 rpm input (dB(A))											73.0			
Torsional stiffness (Nm/arcmin)													1 473,03	
													2 473,03	
Radial stiffness (N/µm)													1 881	
													2 977	