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CUSTOMER:	MHI	**CUSTOMER ORDER REF:**	191118IB-1 MHI
DISTRIBUTOR:	S & F INC	**REDEX ORDER REF:**	214768
DESIGNATION:	DRP3+R.31.4.H	**SERIAL NUMBER:**	904116
CODE:	RX128771-12	**MOTOR FLANGE CODE:**	RX129474-04

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:	**36,3 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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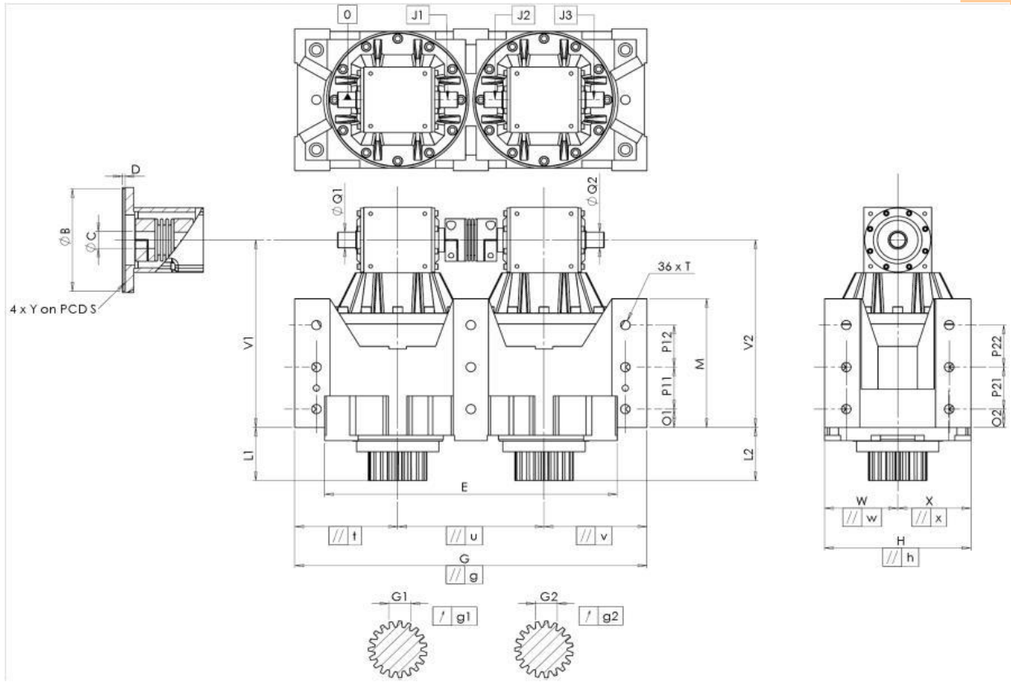
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 904116



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	requirement				measure
				C2291		O1	35	Cr	35					B4344
	E	540 $^{0}_{-0,1}$	Cmm	539,965		P11	80	Cr	80	Ø	B	114,3 $^{+0,047}_{+0,012}$	µm	114,32
	G	650 $^{+0,2}_{-0,2}$	Cmm	650,131		P12	80	Cr	80	Ø	C	35 $^{+0,05}_{+0,025}$	µm	35,05
//	g	0,045	Cmm	0,01		M	245 $^{+0,1}_{-0,1}$	Cmm	245,1		D	8	Cr	8
//	t	0,045	Cmm	0,003		O2	35	Cr	35	Ø	S	200	Cr	200
//	u	0,035	Cmm	0,003		P21	80	Cr	80	Ø	Y	M12	Pg	M12
//	v	0,045	Cmm	0,005		P22	80	Cr	80					
	W	135	Cmm	135,014	Ø	T	M20	Pg	M20					
//	w	0,035	Cmm	0,003										
	X	135	Cmm	135,001										
//	x	0,035	Cmm	0,002										
	H	270 $^{+0,04}_{-0,04}$	Cmm	270,015										
//	h	0,02	Cmm	0,013										
	V1	357	Cmm	357,264										
	L1	101	Cmm	100,878										
	V2	357	Cmm	357,27										
	L2	101	Cmm	101,222										
Ø	Q1	30 $^{+0,009}_{-0,004}$	Cmm	30,003										
Ø	Q2	30 $^{+0,009}_{-0,004}$	Cmm	30										
	J1	/0	µm	0										
	J2	/0	µm	0,025										
	J3	/0	µm	0,03										

OUTPUT PINION				
Pinion 1				L2681
Span dimension over 3 teeth				
	G1	39,25 $^{0}_{-0,03}$	Cmm	39,235
↗	g1	0,022	Di	0,02
Pinion 2				L3863
Span dimension over 3 teeth				
	G2	39,25 $^{0}_{-0,03}$	Cmm	39,235
↗	g2	0,022	Di	0,01

No-load input torque	
Line	1 Nm
Line 2	1 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	892
	2	944

Noise level	
@1600 rpm input (dB(A))	69,5

Date: 03/02/2020 **Visa:** C DE MIRANDA

Version: A

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