

CUSTOMER:

MHI

CUSTOMER ORDER REF:

180216IB-2 MHI

DISTRIBUTOR:

S & F INC

REDEX ORDER REF:

212788

DESIGNATION:

DRP3+R.31.4.H

SERIAL NUMBER:

901677

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)

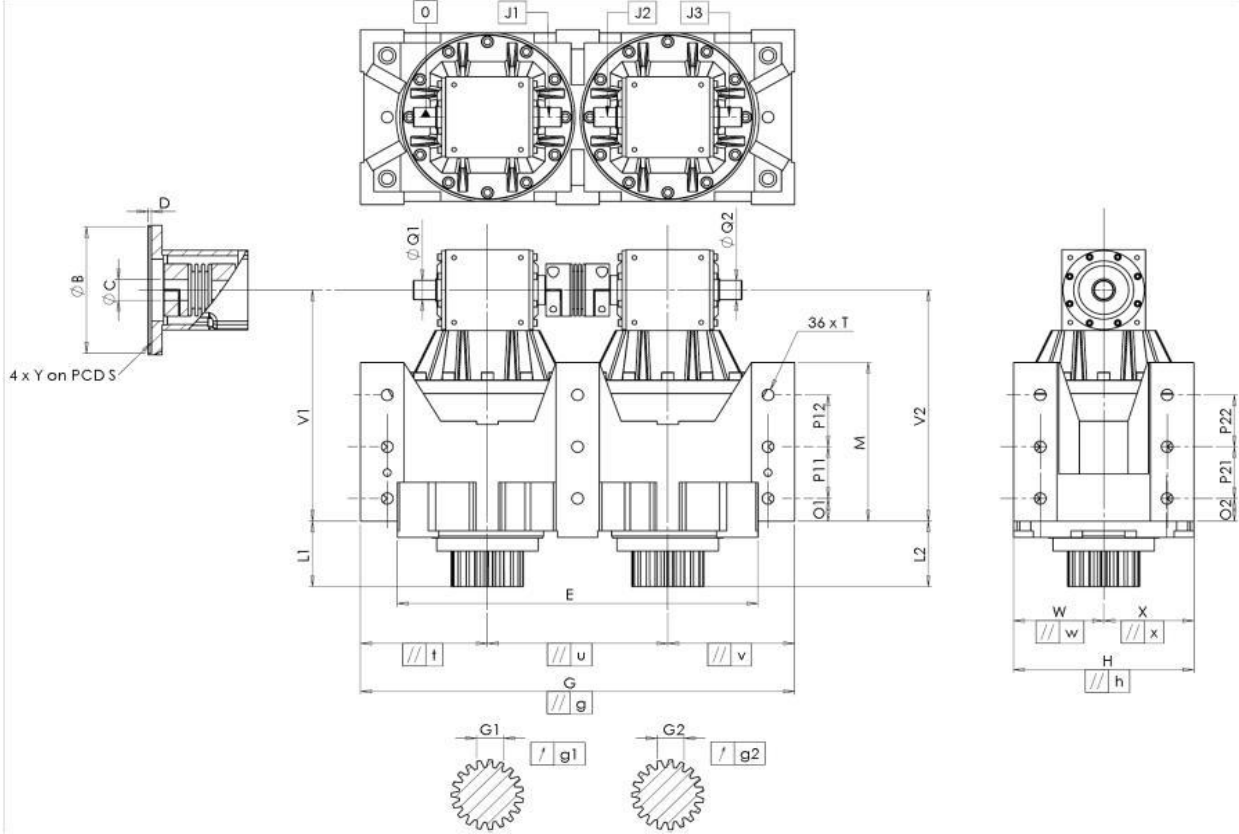
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN:

901677



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	
					A8040												L4268	
	E	540	⁰ _{-0,1}	Cmm	539.966		O1	35	Cr	35			Ø	B	114,3	^{+0,047} _{+0,012}	µm	114.33
	G	650	^{+0,2} _{-0,2}	Cmm	650.049		P11	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	244.98			D	8		Cr	8
//	t	0,045		Cmm	0.005		O2	35	Cr	35			Ø	S	200		Cr	200
//	u	0,035		Cmm	0.006		P21	80	Cr	80			Ø	Y	M12		Pg	M12
//	v	0,045		Cmm	0.002		P22	80	Cr	80								
	W	135		Cmm	134.992	Ø	T	M20	Pg	M20								
//	w	0,035		Cmm	0.002	OUTPUT PINION												
	X	135		Cmm	135.005	Pinion 1				N2459								
//	x	0,035		Cmm	0.002	Span dimension over 3 teeth												
	H	270	^{+0,04} _{-0,04}	Cmm	269.996		G1	39,25	⁰ _{-0,03}	Cmm	39.24						Line	Stiffness
//	h	0,02		Cmm	0.009		↗	g1	0,022	Di	0.015							
	V1	357		Cmm	357.172								Torsional stiffness (Nm/arcmin)	1	473,03			
	L1	101		Cmm	101.072									2	473,03			
	V2	357		Cmm	357.224	Span dimension over 3 teeth							Radial stiffness (N/µm)	1	1017			
	L2	101		Cmm	101.062		↗	G2	39,25	⁰ _{-0,03}	Cmm	39.235				2	1025	
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30.005		↗	g2	0,022	Di	0.01							
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30.005	No-load input torque						Noise level						
	J1		/0	µm	0.005	Line					1,2 Nm		@1600 rpm input (dB(A))				72.0	
	J2		/0	µm	0.01	Line 2					1,2 Nm							
	J3		/0	µm	0.015													

Date:

27/04/2018

Visa:

C DE MIRANDA

Version:

A