

CUSTOMER:	MHI	CUSTOMER ORDER REF:	MHI 140916IB1
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	208983
DESIGNATION:	DRP1+R.21.4.H	SERIAL NUMBER:	896501
CODE:	RX128461-11	MOTOR FLANGE CODE:	RX130963-01

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:	Following application
Maximum preload torque:	6,4 Nm

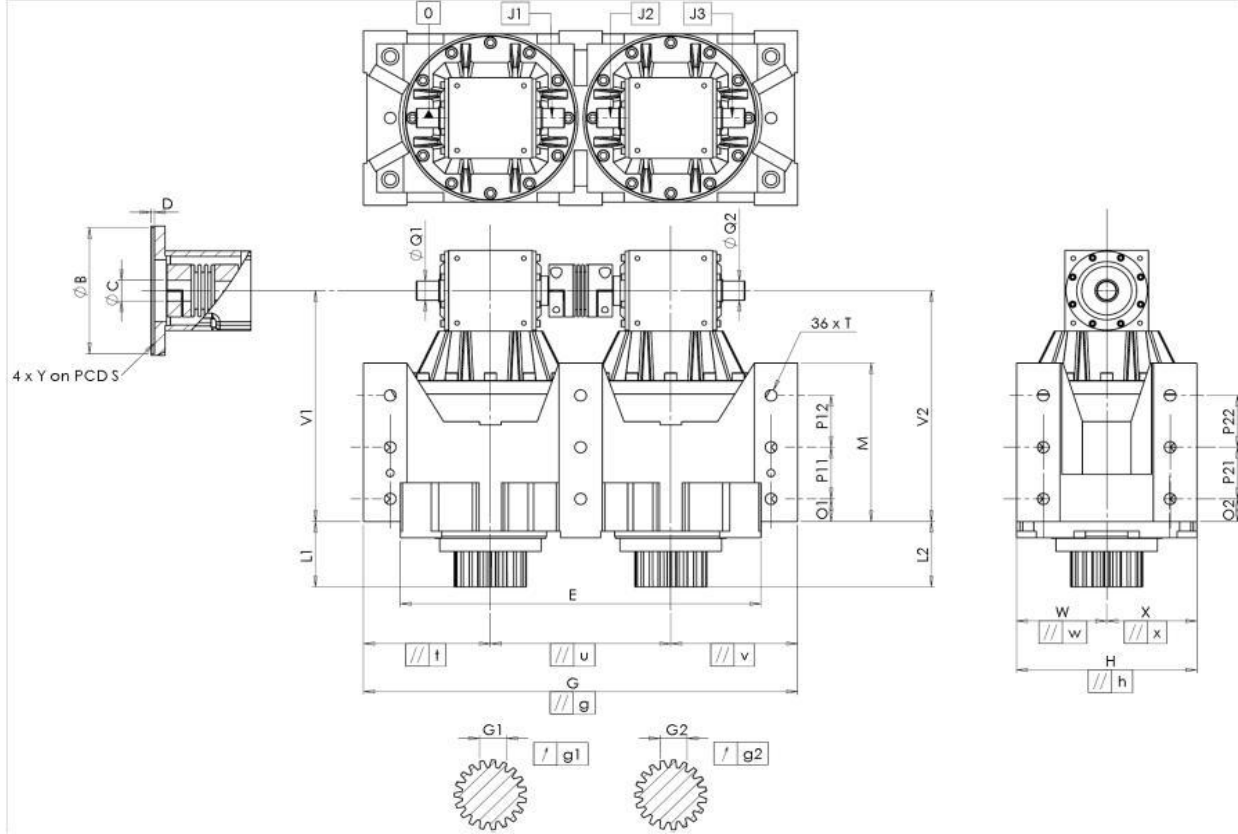
For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

* Accepted according to Redex derogation RX7229.

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 896501



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		
				J5627				O1		20		Cr	20				K6551	
		E	380 ⁰ _{-0,05}	Cmm	379,982			P11	65	Cr	65	Ø		B	114,3 ^{+0,047} _{+0,012}	µm	114,327	
		G	470 ^{+0,1} _{-0,1}	Cmm	469,886 *			P12	65	Cr	65	Ø		C	35 ^{+0,05} _{+0,025}	µm	35,025	
//	g	0,04		Cmm	0,017			M	172 ^{+0,1} _{-0,1}	Cmm	172,081			D	7	Cr	7,094	
//	t	0,04		Cmm	0,001			O2	20	Cr	20	Ø		S	200	Cr	200	
//	u	0,03		Cmm	0,003			P21	65	Cr	65	Ø		Y	M12	Pg	M12	
//	v	0,04		Cmm	0,001			P22	65	Cr	65							
	W	95		Cmm	94,996	Ø	T	M12	Pg	M12								
//	w	0,03		Cmm	0,002	OUTPUT PINION												
	X	95		Cmm	95,012	Pinion 1				Q0410								
//	x	0,03		Cmm	0,002	Span dimension over 3 teeth												
	H	190 ^{+0,025} _{-0,025}		Cmm	190,008			G1	23,28 ⁰ _{-0,03}	Cmm	23,265			Line		Stiffness		
//	h	0,02		Cmm	0,006	↗	g1	0,021	Di	0,015								
	V1	229		Cmm	229,27	Pinion 2						Q0414		Torsional stiffness (Nm/arcmin)		1	83	
	L1	70		Cmm	69,646											Span dimension over 3 teeth		Q0414
	V2	229		Cmm	229,201			G2	23,28 ⁰ _{-0,03}	Cmm	23,26	1		361				
Ø	Q1	20 ^{+0,009} _{-0,004}		Cmm	20	↗	g2	0,021	Di	0,015	2					396		
Ø	Q2	20 ^{+0,009} _{-0,004}		Cmm	19,998	No-load input torque							Noise level					
	J1	/0	µm	0	Line						0,5 Nm		@2600 rpm input (dB(A))				76,0	
	J2	/0	µm	-0,01														
	J3	/0	µm	-0,03														

Date: 15/12/2014

Version: A

Visa: JJ PELLÉ p.o. JP MOZZICONACCI