

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	MHI	CUSTOMER ORDER REF: 180216IB-2 MHI
DISTRIBUTOR:	S & F INC	REDEX ORDER REF: 212788
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER: 901678
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)

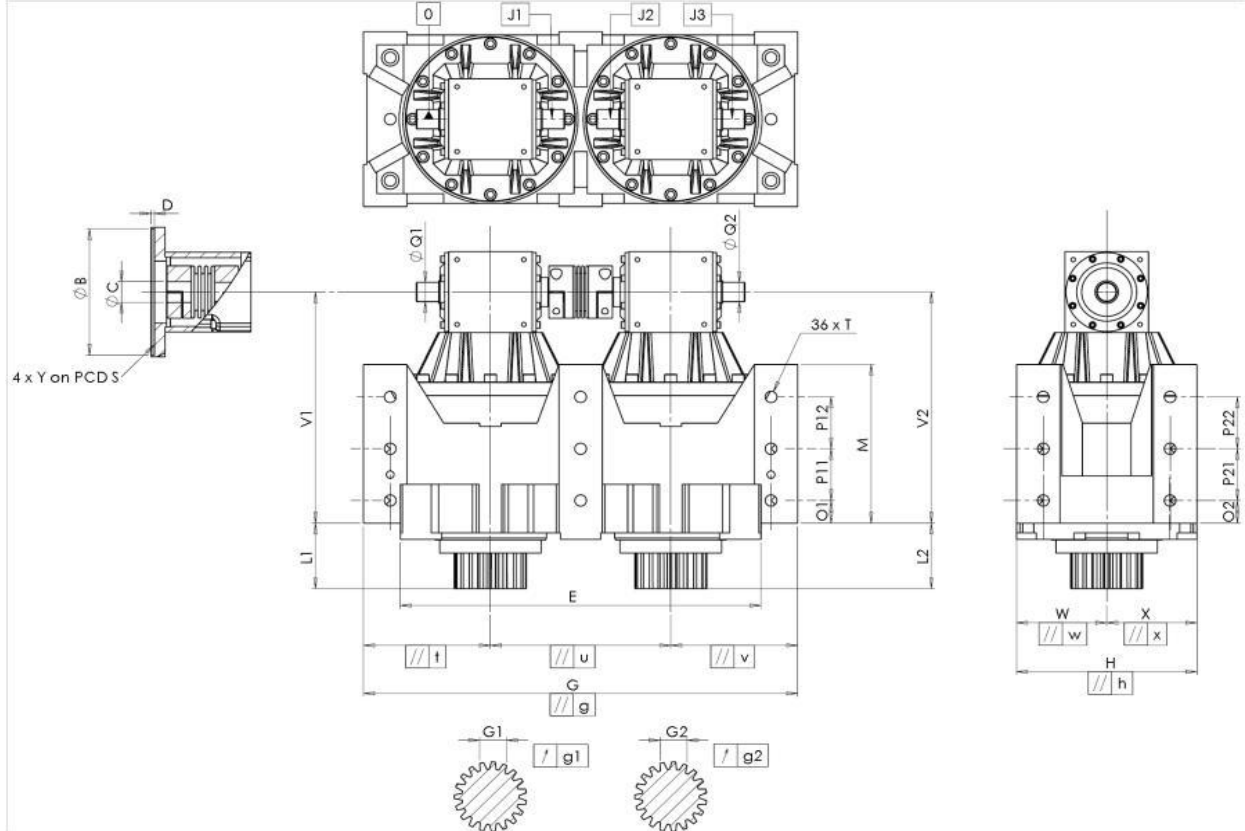
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 901678
		

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		
					A8042						35						L4259		
	E	540	⁰ _{-0,1}	Cmm	539.941		P11	80	Cr	80		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114.322		
	G	650	^{+0,2} _{-0,2}	Cmm	650.04		P12	80	Cr	80		Ø	C	35	^{+0,05} _{+0,025}	µm	35.05		
//	g	0,045		Cmm	0.012		M	245	^{+0,1} _{-0,1}	Cmm	244.945		D	8		Cr	8		
//	t	0,045		Cmm	0.003		O2	35	Cr	35		Ø	S	200		Cr	200		
//	u	0,035		Cmm	0.008		P21	80	Cr	80		Ø	Y	M12		Pg	M12		
//	v	0,045		Cmm	0.009		P22	80	Cr	80									
	W	135		Cmm	134.99	Ø	T	M20	Pg	M20									
//	w	0,035		Cmm	0.004	OUTPUT PINION													
	X	135		Cmm	135.005	Pinion 1												N2454	
//	x	0,035		Cmm	0.003	Span dimension over 3 teeth													
	H	270	^{+0,04} _{-0,04}	Cmm	269.996		G1	39,25	⁰ _{-0,03}	Cmm	39.235								
//	h	0,02		Cmm	0.008		↗ g1	0,022	Di	0.01									
	V1	357		Cmm	357.057	Pinion 2					N2462								
	L1	101		Cmm	101.011	Span dimension over 3 teeth													
	V2	357		Cmm	357.159		G2	39,25	⁰ _{-0,03}	Cmm	39.235								
	L2	101		Cmm	101.037		↗ g2	0,022	Di	0.015	Torsional stiffness (Nm/arcmin)		1	473,03					
													2	473,03					
											Radial stiffness (N/µm)		1	938					
													2	954					
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30.009	No-load input torque					Noise level								
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30.005						@1600 rpm input (dB(A))					73.0			
	J1	/0	µm	0.01	Line					1,2 Nm									
	J2	/0	µm	0.01	Line 2					1,2 Nm									
	J3	/0	µm	0.01															

Date: 27/04/2018

Visa: C DE MIRANDA

Version: A

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr