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CUSTOMER:	SPARK MACHINERY	CUSTOMER ORDER REF: GCN001385 SPARK MACHINERY
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	REDEX ORDER REF: 211198
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 899580
CODE:	RX128771-33	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

10 Nm

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

SPECIFIC REMARKS:
Accepted according the derogation RX8831 *

Product images are for illustrative purposes only.

DRP

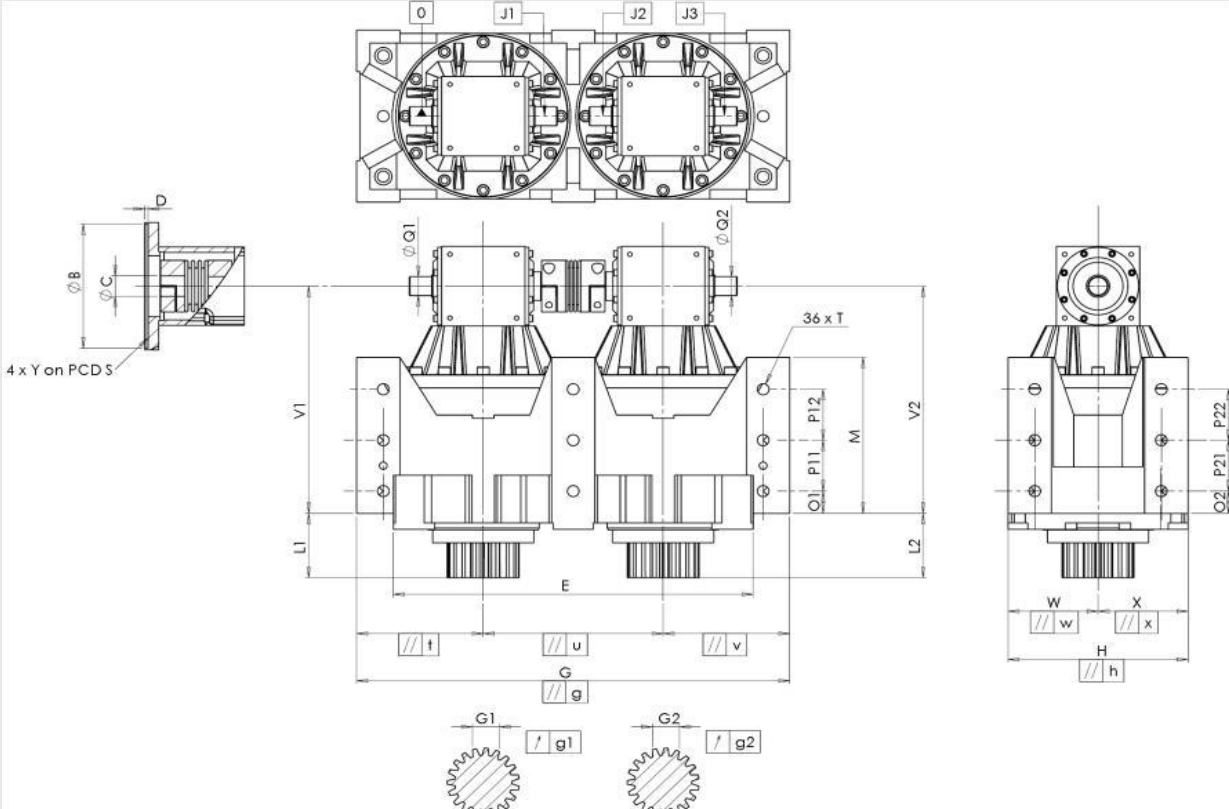
Performance sheet

RX183/005-B

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EXTERNAL DIMENSIONS & INTERFACES:

SN: 899580



General tolerance: Js13	Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge
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HOUSING				HOUSING				MOTOR FLANGE							
requirement		measure		requirement		measure		requirement		measure					
		M4397		O1		35	Cr	35			J12696				
	E	540	⁰ _{-0,1}	Cmm	539,984		P11	80	Cr	80					
	G	650	^{+0,2} _{-0,2}	Cmm	650,123		P12	80	Cr	80					
//	g	0,045		Cmm	0,024		M	245	^{+0,1} _{-0,1}	Cmm	245,036				
//	t	0,045		Cmm	0,001		O2	35	Cr	35					
//	u	0,035		Cmm	0,004		P21	80	Cr	80					
//	v	0,045		Cmm	0,001		P22	80	Cr	80					
	W	135		Cmm	135,001		Ø	T	M20	Pg	M20				
//	w	0,035		Cmm	0,002	OUTPUT PINION									
	X	135		Cmm	135,006	Pinion 1		O1176							
//	x	0,035		Cmm	0,002	Span dimension over 3 teeth									
	H	270	^{+0,04} _{-0,04}	Cmm	270,007		G1	39,25	⁰ _{-0,03}	Cmm	39,235				
//	h	0,02		Cmm	0,008	↗	g1	0,022	Di	0,01					
	V1	357		Cmm	357,257	Pinion 2		O1185							
	L1	101		Cmm	100,944	Span dimension over 3 teeth									
	V2	357		Cmm	357,231		G2	39,25	⁰ _{-0,03}	Cmm	39,235				
	L2	101		Cmm	100,952	↗	g2	0,022	Di	0,01					
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,006	No-load input torque									
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,006	Line		0,7 Nm							
	J1		/0	µm	0,01	Line 2		0,7 Nm							
	J2		/0	µm	0,01										
	J3		/0	µm	0,02										

			Line	Stiffness
Torsional stiffness (Nm/arcmin)			1	473,03
			2	473,03
Radial stiffness (N/µm)			1	1128
			2	1063

Noise level		
@1600 rpm input (dB(A))		71,5 *

Date: 07/12/2016

Version: A

Visa: J ONGANER



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