

DRP		Page
Performance sheet		1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: SPARK GF4208FN038
DISTRIBUTOR:	GUEDEL CHINA	REDEX ORDER REF: 209208
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER: 896785
CODE:	RX128771-33	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:	10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP

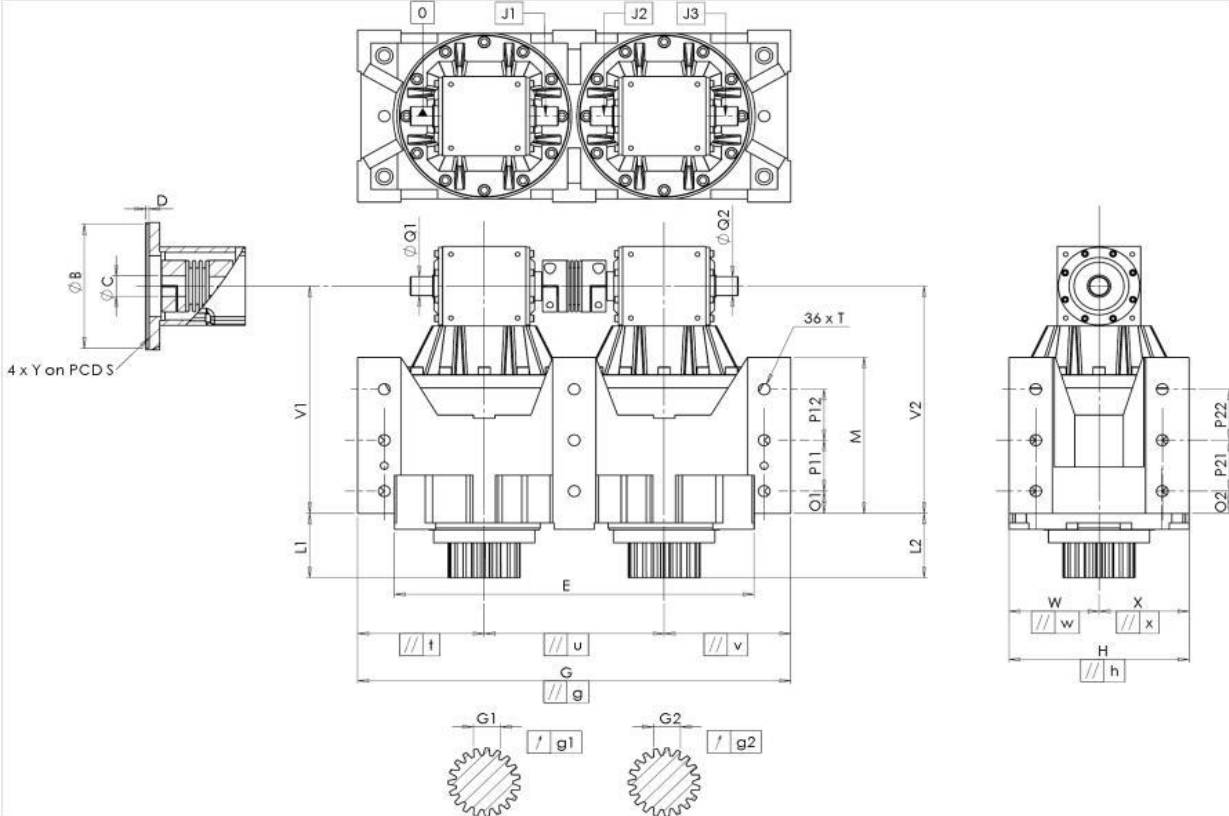
Performance sheet

RX183/005-B

2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN: 896785



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			
				J8727								J5267			
	E	540	⁰ _{-0,1}	Cmm	539,996		O1	35	Cr	35					
	G	650	^{+0,2} _{-0,2}	Cmm	650,111		P11	80	Cr	80	Ø	B	114,3	^{+0,047} _{+0,012} µm	114,325
//	g	0,045		Cmm	0,016		P12	80	Cr	80	Ø	C	35	^{+0,05} _{+0,025} µm	35,04
//	t	0,045		Cmm	0,008		M	245	^{+0,1} _{-0,1} Cmm	244,941		D	8	Cr	8
//	u	0,035		Cmm	0,014		O2	35	Cr	35	Ø	S	200	Cr	200
//	v	0,045		Cmm	0,004		P21	80	Cr	80	Ø	Y	M12	Pg	M12
	W	135		Cmm	134,98		P22	80	Cr	80					
//	w	0,035		Cmm	0,006		Ø	T	M20	Pg	M20				
	X	135		Cmm	134,997	OUTPUT PINION									
//	x	0,035		Cmm	0,006	Pinion 1				R2065					
	H	270	^{+0,04} _{-0,04}	Cmm	269,977	Span dimension over 3 teeth									
//	h	0,02		Cmm	0,015		G1	39,25	⁰ _{-0,03} Cmm	39,24					
	V1	357		Cmm	357,152		g1	0,022	Di	0,01					
	L1	101		Cmm	101,113		Pinion 2				R2054				
	V2	357		Cmm	357,13		Span dimension over 3 teeth								
	L2	101		Cmm	101,188		G2	39,25	⁰ _{-0,03} Cmm	39,24					
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,001		g2	0,022	Di	0,01					
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	29,996	No-load input torque									
	J1		/0	µm	-0,02		Line				1 Nm				
	J2		/0	µm	-0,03		Line 2				1 Nm				
	J3		/0	µm	-0,02										

Date: 13/02/2015

Visa: JJ PELLÉ

Version: A

REDEX
ANDANTEX

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

Torsional stiffness (Nm/arcmin)

Radial stiffness (N/µm)

Noise level

@1600 rpm input (dB(A))

Line

Stiffness

1

2

1

2

74,0

468

455

909

908