

DRP

Performance sheet

RX183/005-B

Page1/2

CUSTOMER:

SPARK

CUSTOMER ORDER REF:

*RXCN2024020711 SPARK

DISTRIBUTOR:

REDEX SHANGHAI REPAIRING

REDEX ORDER REF:

219001

DESIGNATION:

DRP3.R1.91.4.H

SERIAL NUMBER:

908829

CODE:

RX135482-33

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:

Product images are for illustrative purposes only.

DRP

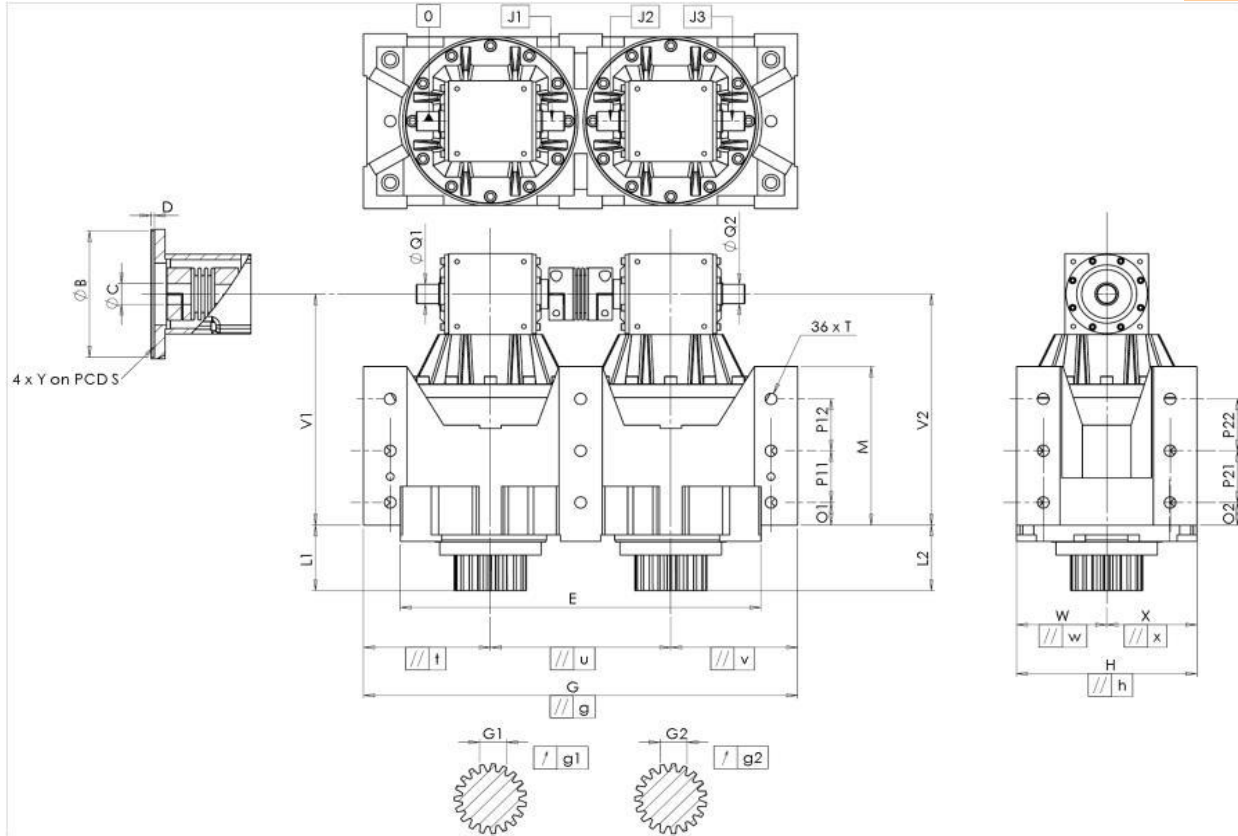
Performance sheet

RX183/005-B

Page2/2

EXTERNAL DIMENSIONS & INTERFACES:

SN:908829



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					
				G422								G4497					
	E	540	⁰ _{-0,1}	Cmm	539,954		O1	35	Cr	35		Ø	B	180	^{+0,054} _{+0,014}	µm	180,027
	G	650	^{+0,2} _{-0,2}	Cmm	650,023		P11	80	Cr	80		Ø	C	38	^{+0,05} _{+0,025}	µm	38,04
//	g	0,045		Cmm	0,016		M	245	^{+0,1} _{-0,1}	Cmm	245,062			D	8	Cr	8,09
//	t	0,045		Cmm	0,002		O2	35	Cr	35		Ø	S	215	Cr	215	
//	u	0,035		Cmm	0,01		P21	80	Cr	80		Ø	Y	M12	Pg	M12	
//	v	0,045		Cmm	0,006		P22	80	Cr	80							
	W	135		Cmm	135,028		Ø	T	M20	Pg	M20						
//	w	0,035		Cmm	0,009		OUTPUT PINION										
	X	135		Cmm	134,968		Pinion 1				F5256						
//	x	0,035		Cmm	0,007		Span dimension over 3 teeth										
	H	270	^{+0,04} _{-0,04}	Cmm	269,995			G1	39,25	⁰ _{-0,03}	Cmm	39,225					
//	h	0,02		Cmm	0,009		↗	g1	0,022	Di	0,02						
	V1	357		Cmm	357,076		Pinion 2				F5251						
	L1	101		Cmm	101,089		Span dimension over 3 teeth										
	V2	357		Cmm	357,058			G2	39,25	⁰ _{-0,03}	Cmm	39,22					
	L2	101		Cmm	101,045		↗	g2	0,022	Di	0,02						
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,009		No-load input torque										
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30		Line				0,6 Nm						
	J1		/0	Di	0		Line 2				0,5 Nm						
	J2		/0	Di	0,01												
	J3		/0	Di	0,02												

Date:19/07/2024

Version:A

Visa:P.Vaslier

