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CUSTOMER:	SPARK	**CUSTOMER ORDER REF:**	*RXCN2025102282 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	**REDEX ORDER REF:**	220518
DESIGNATION:	DRP4.R1.91.4.H	**SERIAL NUMBER:**	910528
CODE:	RX136464-33	**MOTOR FLANGE CODE:**	RX129551-01

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:	**22,8 Nm**

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX
1, Rue Paul De Fontenay
F- 45210 FERRIERES
www.redex-group.com
Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com

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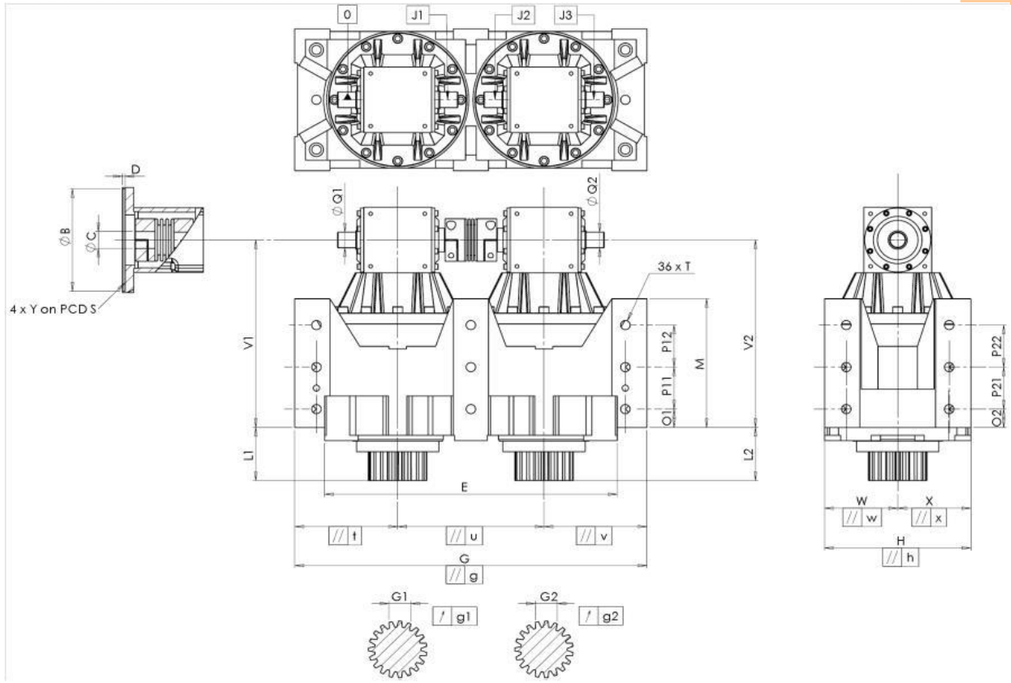
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 910528



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
					J5083		O1	43	Cr	43							J3927
	E	640 $^{0}_{-0,1}$	Cmm	639.979		P11	100	Cr	100		Ø	B	180 $^{+0,054}_{+0,014}$	µm	180.035
	G	800 $^{+0,2}_{-0,2}$	Cmm	799.979		P12	100	Cr	100		Ø	C	38 $^{+0,05}_{+0,025}$	µm	38.05
//	g	0,05	Cmm	0.009		M	288 $^{+0,1}_{-0,1}$	Cmm	288.057			D	8	Cr	8.11
//	t	0,05	Cmm	0.004		O2	43	Cr	43		Ø	S	215	Cr	215
//	u	0,035	Cmm	0.006		P21	100	Cr	100		Ø	Y	M12	Pg	M12
//	v	0,05	Cmm	0.004		P22	100	Cr	100						
	W	160	Cmm	160.012		Ø T	M24	Pg	M24						
//	w	0,04	Cmm	0.005											
	X	160	Cmm	159.999											
//	x	0,04	Cmm	0.003											
	H	320 $^{+0,04}_{-0,04}$	Cmm	320.011											
//	h	0,02	Cmm	0.015											
	V1	435	Cmm	435.279											
	L1	120	Cmm	120.152											
	V2	435	Cmm	435.269											
	L2	120	Cmm	120.067											
Ø	Q1	35 $^{+0,011}_{-0,005}$	Cmm	35.011											
Ø	Q2	35 $^{+0,011}_{-0,005}$	Cmm	35.01											
	J1	/0	Di	0.02											
	J2	/0	Di	0.02											
	J3	/0	Di	0.04											

OUTPUT PINION				
Pinion 1	J2400			
Span dimension over 3 teeth				
	G1	46,9 $^{0}_{-0,03}$	Cmm	46.88
↗	g1	0,022	Di	0.01
Pinion 2	J2402			
Span dimension over 3 teeth				
	G2	46,9 $^{0}_{-0,03}$	Cmm	46.88
↗	g2	0,022	Di	0.01

No-load input torque	
Line	4 Nm
Line 2	3,5 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	745,99
	2	745,99
Radial stiffness (N/µm)	1	1149,54
	2	1166,24

Noise level	
@1300 rpm input (dB(A))	69.0

Date: 27/03/2026 **Visa:** C DE MIRANDA

Version: A

REDEX
1, Rue Paul De Fontenay
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www.redex-group.com
Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex-group.com