DRP		Page
Performance sheet	RX183/005-B	1/2

CUSTOMER:	REDEX USA	**CUSTOMER ORDER REF:**	34099-00
DISTRIBUTOR:	ANDANTEX INCORPORATED	**REDEX ORDER REF:**	219173
DESIGNATION:	DRP4+R.91.4.H	**SERIAL NUMBER:**	908991
CODE:	RX129047-33	**MOTOR FLANGE CODE:**	RX129551-07

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:	**18,1 Nm**

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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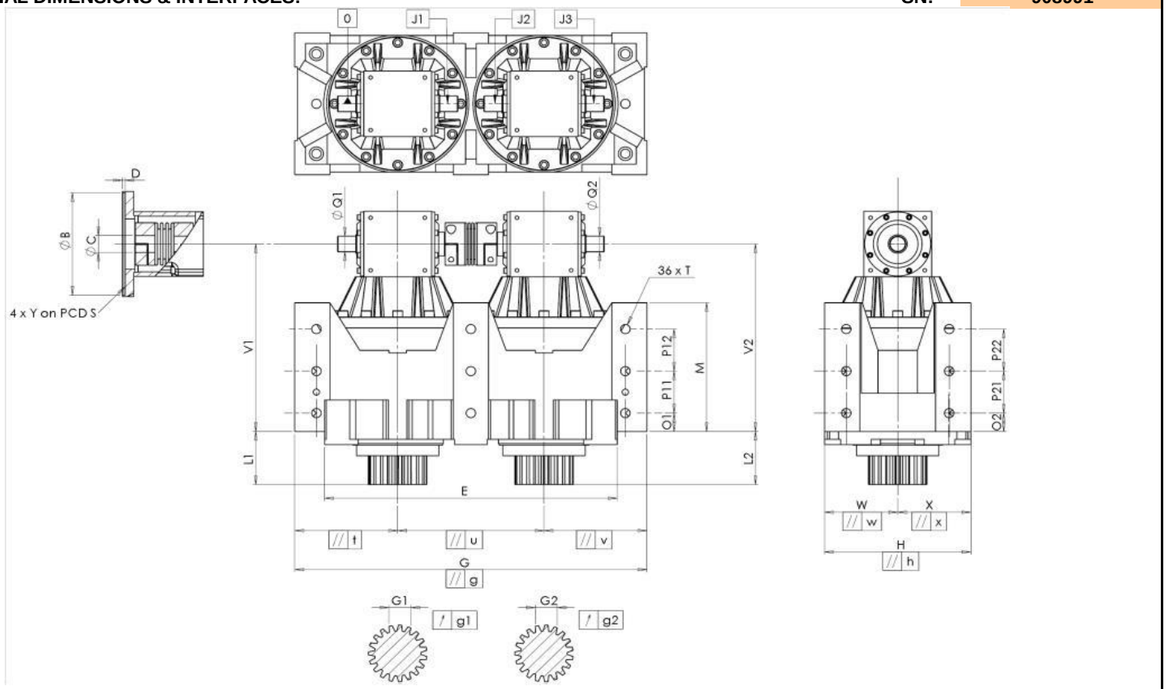
DRP		Page
Performance sheet	RX183/005-B	2/2

EXTERNAL DIMENSIONS & INTERFACES: **SN:** 908991



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
					G3478		O1	43	*Cr*	43							H2226
	E	640 $^{0}_{-0,1}$	*Cmm*	639,971		P11	100	*Cr*	100	Ø	B	180G7 $^{+0,054}_{+0,014}$	*µm*	180,035	
	G	800 $^{+0,2}_{-0,2}$	*Cmm*	800,157		P12	100	*Cr*	100	Ø	C	38F7 $^{+0,050}_{+0,025}$	*µm*	38,05	
//	g	0,05	*Cmm*	0,012		M	288 $^{+0,1}_{-0,1}$	*Cmm*	288,075		D	8	*Cr*	8,1	
//	t	0,05	*Cmm*	0,001		O2	43	*Cr*	43	Ø	S	215	*Cr*	215	
//	u	0,035	*Cmm*	0,006		P21	100	*Cr*	100	Ø	Y	M14	*Pg*	M14	
//	v	0,05	*Cmm*	0,006		P22	100	*Cr*	100						
	W	160	*Cmm*	160,014	Ø	T	M24	*Pg*	M24						
//	w	0,04	*Cmm*	0,002											
	X	160	*Cmm*	160,006											
//	x	0,04	*Cmm*	0,001											
	H	320 $^{+0,04}_{-0,04}$	*Cmm*	320,02											
//	h	0,02	*Cmm*	0,015											
	V1	435	*Cmm*	435,118											
	L1	120	*Cmm*	120,142											
	V2	435	*Cmm*	435,138											
	L2	120	*Cmm*	120,121											
Ø	Q1	35 $^{+0,011}_{-0,005}$	*Cmm*	35											
Ø	Q2	35 $^{+0,011}_{-0,005}$	*Cmm*	34,995											
	J1	/0	*Di*	0,01											
	J2	/0	*Di*	0,03											
	J3	/0	*Di*	0,03											

OUTPUT PINION					
Pinion 1					G4363
Span dimension over 3 teeth					
	G1	46,9 $^{0}_{-0,03}$	*Cmm*	46,89	
↗	g1	0,022	*Di*	0,01	
Pinion 2					G4366
Span dimension over 3 teeth					
	G2	46,9 $^{0}_{-0,03}$	*Cmm*	46,886	
↗	g2	0,022	*Di*	0,01	

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

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	745,99
	2	745,99
Radial stiffness (N/µm)	1	1364
	2	1217

Noise level	
@1300 rpm input (dB(A))	71,0

Date: 22/10/2024 **Visa:** C DE MIRANDA

Version: A

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