

CUSTOMER:	REDEX USA	CUSTOMER ORDER REF:	34099-00
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF:	219173
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER:	908992
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 T_p :

Following application

Maximum preload torque:

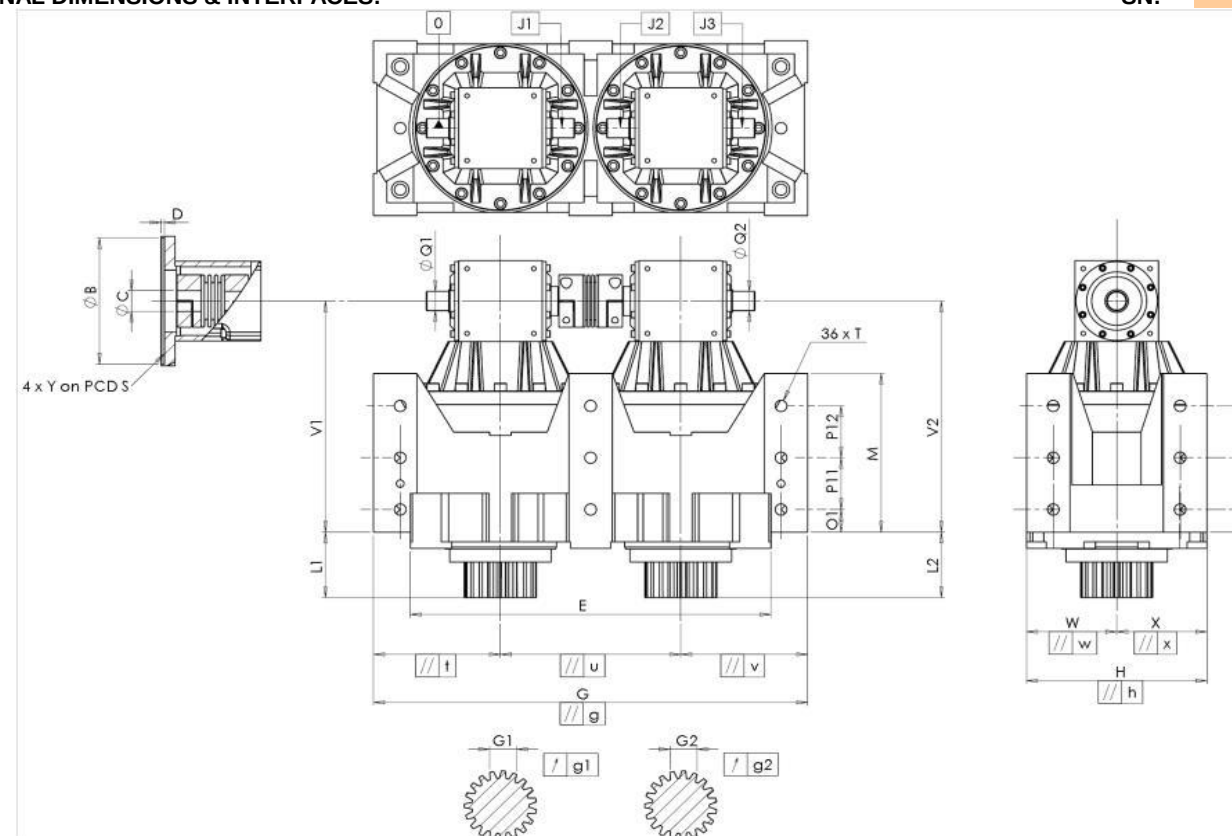
18,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 908992



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE													
requirement					measure					requirement					measure								
					G3477										H1718								
	E	640	⁰ _{-0,1}	Cmm	639,942		O1	43	Cr	43		Ø	B	180G7	^{+0,054} _{+0,014}	µm	180,04						
	G	800	^{+0,2} _{-0,2}	Cmm	800,187		P11	100	Cr	100		Ø	C	38F7	^{+0,050} _{+0,025}	µm	38,05						
//	g	0,05		Cmm	0,048		M	288	^{+0,1} _{-0,1}	Cmm	288,035		D	8		Cr	8,08						
//	t	0,05		Cmm	0,002		O2	43	Cr	43		Ø	S	215		Cr	215						
//	u	0,035		Cmm	0,004		P21	100	Cr	100		Ø	Y	M14		Pg	M14						
//	v	0,05		Cmm	0,001		P22	100	Cr	100													
	W	160		Cmm	160,016	Ø	T	M24	Pg	M24													
//	w	0,04		Cmm	0,001	OUTPUT PINION																	
	X	160		Cmm	160,002	Pinion 1					G4382												
//	x	0,04		Cmm	0,002	Span dimension over 3 teeth																	
	H	320	^{+0,04} _{-0,04}	Cmm	320,019		G1	46,9	⁰ _{-0,03}	Cmm	46,89												
	V1	435		Cmm	435,12	↗	g1	0,022	Di	0,01													
	L1	120		Cmm	120,02	Pinion 2					G4355												
	V2	435		Cmm	435,154	Span dimension over 3 teeth																	
	L2	120		Cmm	120,054		G2	46,9	⁰ _{-0,03}	Cmm	46,88												
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35,011	↗	g2	0,022	Di	0,01													
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35,011	No-load input torque					Noise level												
	J1	/0		Di	0,03	Line					@1300 rpm input (dB(A))					71,0							
	J2	/0		Di	0,03	Line 2																	
	J3	/0		Di	0,04																		

Date: 14/11/2024

Visa: C DE MIRANDA

Version: A