

CUSTOMER:	STROJIRNA TYC S.R.O	CUSTOMER ORDER REF:	180609 STROJIRNA
DISTRIBUTOR:		REDEX ORDER REF:	213937
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER:	902988
CODE:	RX128771-12	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 T_p :

Following application

Maximum preload torque:

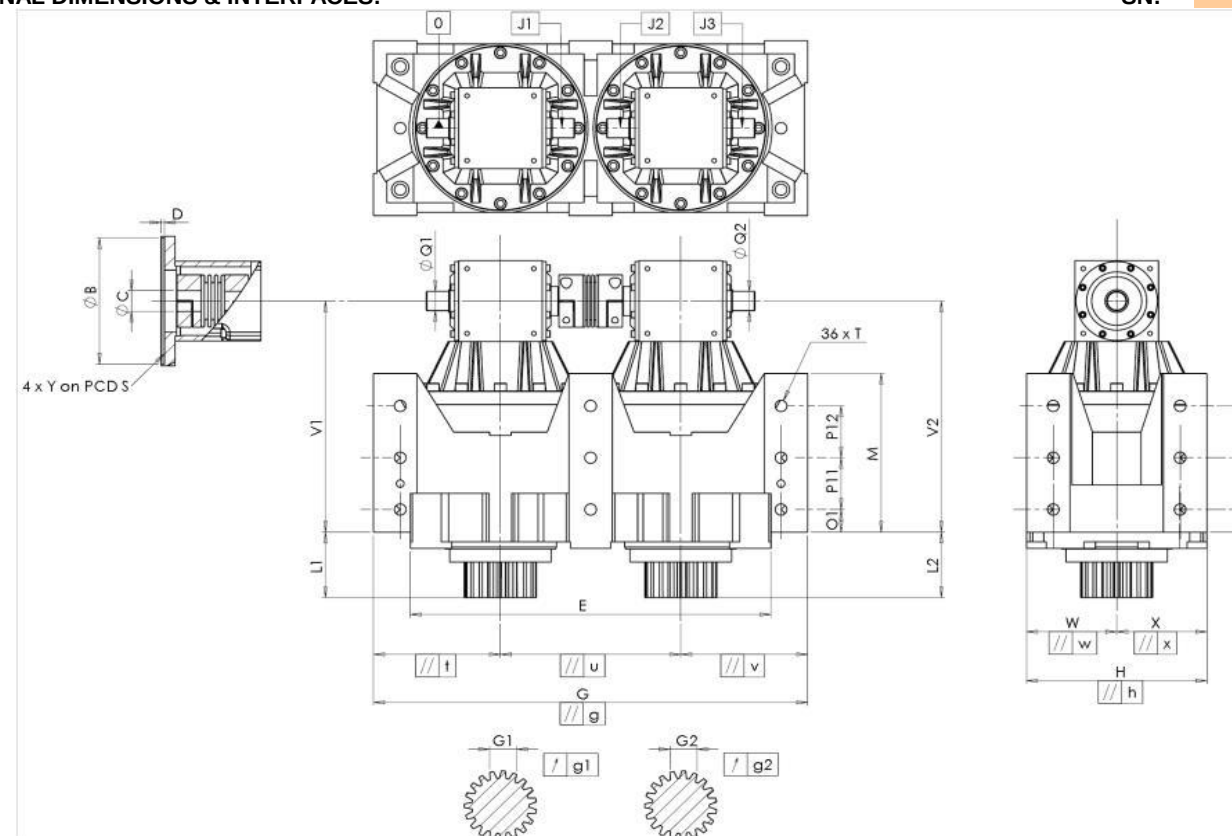
36,3 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 902988



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				
					B2642							A4394				
	E	540 ⁰ _{-0,1}	Cmm	540		O1	35	Cr	35		Ø	B	180 ^{+0,054} _{+0,014}	µm	180,032	
	G	650 ^{+0,2} _{-0,2}	Cmm	650,003		P11	80	Cr	80		Ø	C	38 ^{+0,05} _{+0,025}	µm	38,03	
//	g	0,045	Cmm	0,02		M	245 ^{+0,1} _{-0,1}	Cmm	245,02			D	8	Cr	8,08	
//	t	0,045	Cmm	0,003		O2	35	Cr	35		Ø	S	215	Cr	215	
//	u	0,035	Cmm	0,009		P21	80	Cr	80		Ø	Y	M12	Pg	M12	
//	v	0,045	Cmm	0,002		P22	80	Cr	80							
	W	135	Cmm	135	Ø	T	M20	Pg	M20							
//	w	0,035	Cmm	0,001	OUTPUT PINION											
	X	135	Cmm	134,991	Pinion 1											M3651
//	x	0,035	Cmm	0,005	Span dimension over 3 teeth											
	H	270 ^{+0,04} _{-0,04}	Cmm	269,991		G1	39,25 ⁰ _{-0,03}	Cmm	39,23							
//	h	0,02	Cmm	0,02	↗	g1	0,022	Di	0,015							
	V1	357	Cmm	357,212	Pinion 2											M3654
	L1	101	Cmm	101,023	Span dimension over 3 teeth											
	V2	357	Cmm	357,257		G2	39,25 ⁰ _{-0,03}	Cmm	39,22							
	L2	101	Cmm	101,199	↗	g2	0,022	Di	0,01							
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,009	No-load input torque											
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,004	Line					1 Nm						
	J1	/0	µm	0,01	Line 2					1,5 Nm						
	J2	/0	µm	0,01												
	J3	/0	µm	0,005												
										Torsional stiffness (Nm/arcmin)		1	473,03			
												2	473,03			
										Radial stiffness (N/µm)		1	938			
												2	1145			
										Noise level						
										@1600 rpm input (dB(A))		71,5				

Date: 11/02/2019

Visa: C DE MIRANDA

Version: A