

CUSTOMER:	STROJIRNA TYC S.R.O	CUSTOMER ORDER REF:	180533
DISTRIBUTOR:		REDEX ORDER REF:	213042
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER:	902014
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.

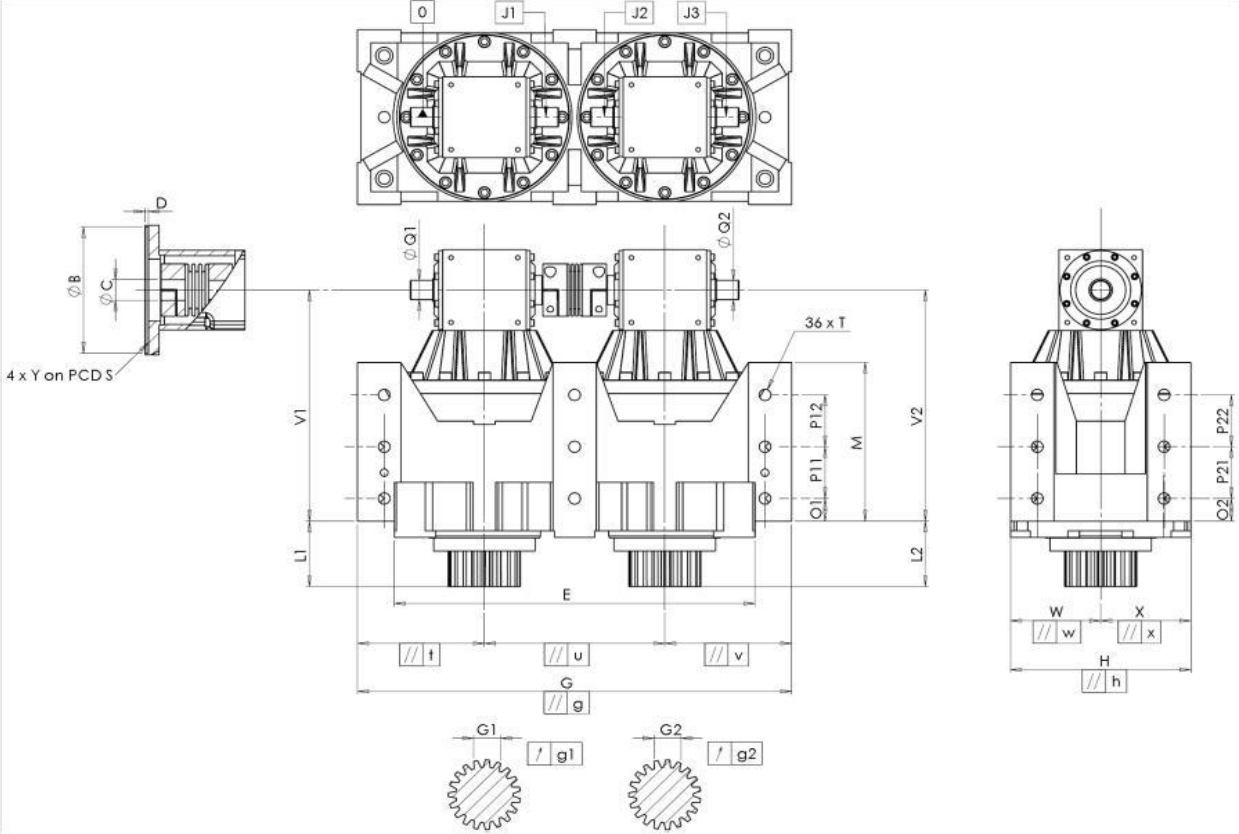
Optimal preload torque Tp:	Following application
Maximum preload torque:	36,3 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:	SN:	902014
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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			
					B3533			O1	35	Cr	35					A4438			
	E	540 ^{0 -0,1}	Cmm	539.966		P11	80	Cr	80		Ø	B	180 ^{+0,054 +0,014}	µm	180.033				
	G	650 ^{+0,2 -0,2}	Cmm	650.004		P12	80	Cr	80		Ø	C	38 ^{+0,05 +0,025}	µm	38.05				
//	g	0,045	Cmm	0.016		M	245 ^{+0,1 -0,1}	Cmm	245.043			D	8	Cr	8.085				
//	t	0,045	Cmm	0.001		O2	35	Cr	35		Ø	S	215	Cr	215				
//	u	0,035	Cmm	0.011		P21	80	Cr	80		Ø	Y	M12	Pg	M12				
//	v	0,045	Cmm	0.011		P22	80	Cr	80										
	W	135	Cmm	134.997	Ø	T	M20	Pg	M20										
//	w	0,035	Cmm	0.005	OUTPUT PINION														
	X	135	Cmm	135	Pinion 1				M1173										
//	x	0,035	Cmm	0.007	Span dimension over 3 teeth														
	H	270 ^{+0,04 -0,04}	Cmm	269.997		G1	39,25 ^{0 -0,03}	Cmm	39.23					Line		Stiffness			
//	h	0,02	Cmm	0.018	↗	g1	0,022	Di	0.005										
	V1	357	Cmm	357.308	Pinion 2													M1166	
	L1	101	Cmm	100.918	Span dimension over 3 teeth														
	V2	357	Cmm	357.282		G2	39,25 ^{0 -0,03}	Cmm	39.235										
	L2	101	Cmm	100.936	↗	g2	0,022	Di	0.01	Torsional stiffness (Nm/arcmin)				1	473,03				
	Q1	30 ^{+0,009 -0,004}	Cmm	30.001	No-load input torque									Radial stiffness (N/µm)				2	473,03
Ø	Q2	30 ^{+0,009 -0,004}	Cmm	30.005															
	J1	/0	µm	0.005	Noise level					@1600 rpm input (dB(A))				72.5					
	J2	/0	µm	0.005												Line		1 Nm	
	J3	/0	µm	0.02												Line 2		1 Nm	

Date: 02/08/2018

Visa: C DE MIRANDA

Version: A