

CUSTOMER:	ADK d.o.o	CUSTOMER ORDER REF:	19/0130-NT ADK
DISTRIBUTOR:		REDEX ORDER REF:	214428
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER:	903838
CODE:	RX128771-12	MOTOR FLANGE CODE:	RX129582-01

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 T_p :

Following application

Maximum preload torque:

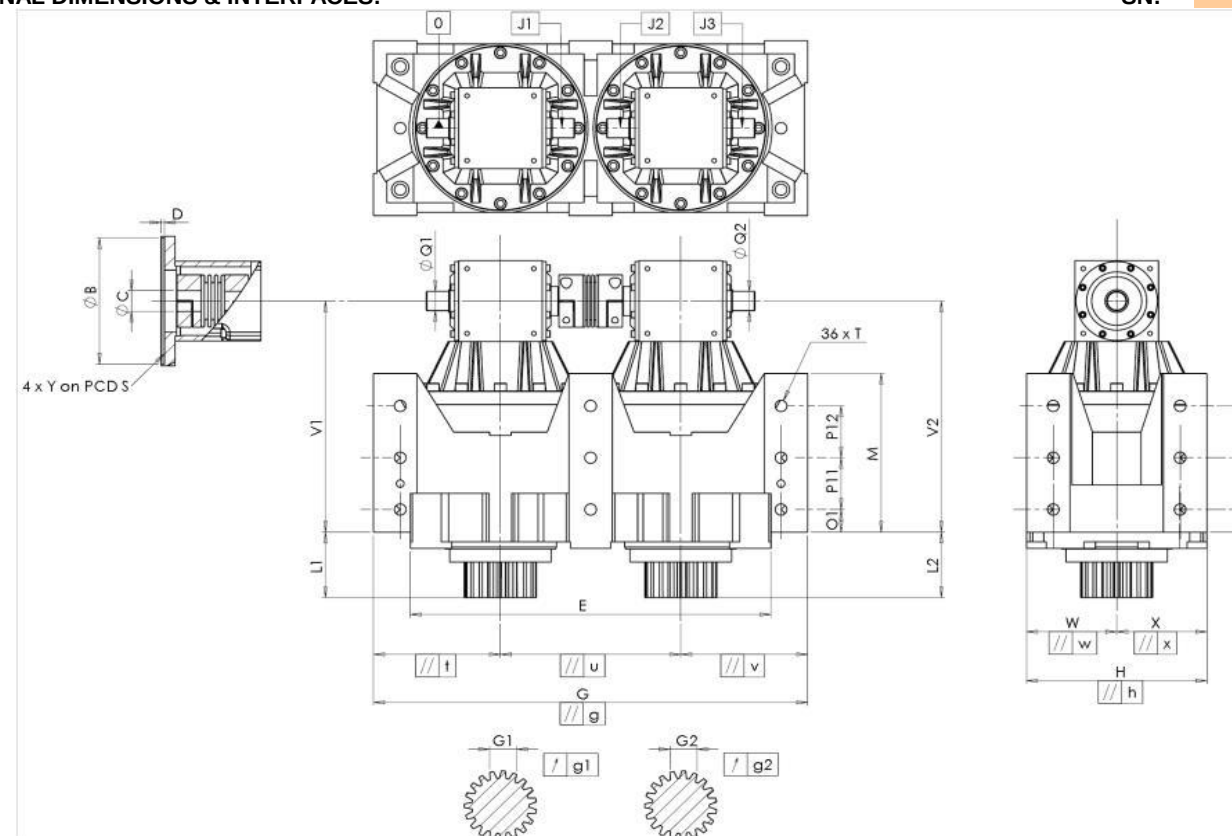
36,3 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 903838



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				
					C565										A387				
	E	540 ⁰ _{-0,1}	Cmm	539,966		O1	35	Cr	35		Ø	B	250 ^{+0,061} _{+0,015}	µm	250,041				
	G	650 ^{+0,2} _{-0,2}	Cmm	650,14		P11	80	Cr	80		Ø	C	48 ^{+0,05} _{+0,025}	µm	48,04				
//	g	0,045	Cmm	0,009		M	245 ^{+0,1} _{-0,1}	Cmm	245,052			D	8	Cr	8,09				
//	t	0,045	Cmm	0,001		O2	35	Cr	35		Ø	S	300	Cr	30				
//	u	0,035	Cmm	0,007		P21	80	Cr	80		Ø	Y	M16	Pg	M16				
//	v	0,045	Cmm	0,008		P22	80	Cr	80										
	W	135	Cmm	135,008	Ø	T	M20	Pg	M20										
//	w	0,035	Cmm	0,005	OUTPUT PINION														
	X	135	Cmm	134,993	Pinion 1					L1196									
//	x	0,035	Cmm	0,003	Span dimension over 3 teeth														
	H	270 ^{+0,04} _{-0,04}	Cmm	270,001		G1	39,25 ⁰ _{-0,03}	Cmm	39,235										
//	h	0,02	Cmm	0,017	↗	g1	0,022	Di	0,02										
	V1	357	Cmm	357,188	Pinion 2					L1105									
	L1	101	Cmm	101,156	Span dimension over 3 teeth														
	V2	357	Cmm	357,175		G2	39,25 ⁰ _{-0,03}	Cmm	39,23										
	L2	101	Cmm	101,077	↗	g2	0,022	Di	0,022										
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque					Torsional stiffness (Nm/arcmin)		1	473,03						
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,005						Radial stiffness (N/µm)		2	473,03						
	J1	/0	µm	0,01								1	1018						
	J2	/0	µm	0,02								2	899						
	J3	/0	µm	0,02						Noise level									
										@1600 rpm input (dB(A))		68,5							
										Line		1 Nm							
										Line 2		1 Nm							

Date: 31/10/2019

Visa: P VASLIER

Version: A