

CUSTOMER:	ADK d.o.o	CUSTOMER ORDER REF:	17/0270-I ADK
DISTRIBUTOR:		REDEX ORDER REF:	212659
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER:	901486
CODE:	RX128950-12	MOTOR FLANGE CODE:	RX129627-03

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:	18,7 Nm

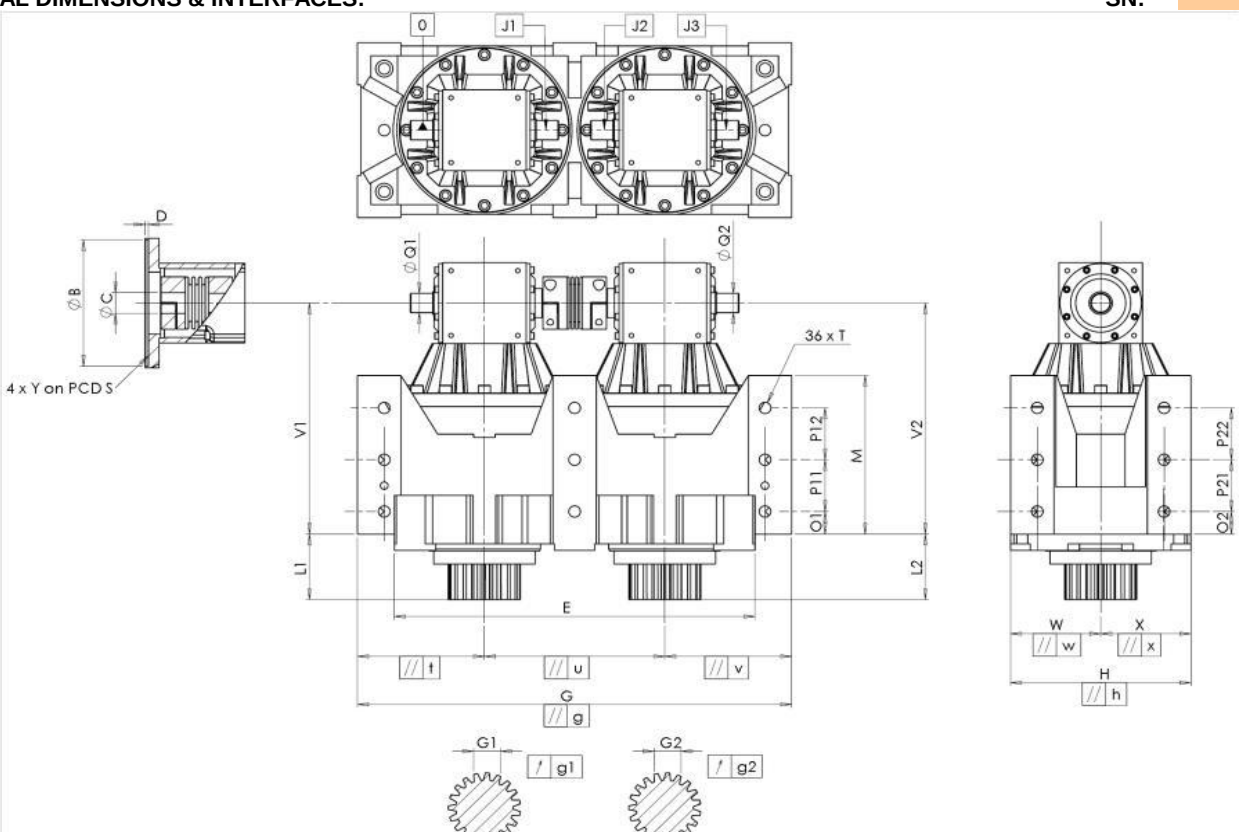
For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN: 901486



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	
					M7018															
	E	460	⁰ _{-0,05}	Cmm	459.978		O1	30	Cr	30										
	G	560	^{+0,1} _{-0,1}	Cmm	560		P11	75	Cr	75		Ø	B	180	^{+0,054} _{+0,014}	µm	180.021			
	G	560	^{+0,1} _{-0,1}	Cmm	560		P12	75	Cr	75		Ø	C	32	^{+0,05} _{+0,025}	µm	32.05			
//	g	0,045		Cmm	0.019		M	210	^{+0,1} _{-0,1}	Cmm	209.975		D	8		Cr	8.088			
//	t	0,045		Cmm	0.005		O2	30		Cr	30		Ø	S	215		Cr	215		
//	u	0,03		Cmm	0.009		P21	75		Cr	75		Ø	Y	M12		Pg	M12		
//	v	0,045		Cmm	0.004		P22	75		Cr	75									
	W	115		Cmm	115.006	Ø	T	M16		Pg	M16									
//	w	0,03		Cmm	0.003	OUTPUT PINION														
	X	115		Cmm	115.002	Pinion 1				N2159										
//	x	0,03		Cmm	0.002	Span dimension over 4 teeth														
	H	230	^{+0,025} _{-0,025}	Cmm	230.007		G1	44,27	⁰ _{-0,03}	Cmm	44.255									
//	h	0,02		Cmm	0.011	↗	g1	0,022		Di	0.005									
	V1	298		Cmm	298.146	Pinion 2					N2154									
	L1	85		Cmm	84.944	Span dimension over 4 teeth														
	V2	298		Cmm	298.221		G2	44,27	⁰ _{-0,03}	Cmm	44.26									
	L2	85		Cmm	84.963	↗	g2	0,022		Di	0.005	Torsional stiffness (Nm/arcmin)		1	243,75					
	L2	85		Cmm	84.963								2	243,75						
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25.005								Radial stiffness (N/µm)		1	428				
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25.004										2	437				
					No-load input torque							Noise level								
	J1	/0		µm	0.01	Line					1 Nm		@1600 rpm input (dB(A))				73.0			
	J2	/0		µm	0.03	Line 2					1 Nm									
	J3	/0		µm	0.05															

Date:	06/03/2018	Visa:	C DE MIRANDA
Version:	A		