

CUSTOMER:

ADK d.o.o

CUSTOMER ORDER REF:

23-1437-S 04.05.23

DISTRIBUTOR:

REDEX ORDER REF:

217846

DESIGNATION:

DRP3+R.31.4.H

SERIAL NUMBER:

906339

CODE:

RX128771-12

MOTOR FLANGE CODE:

RE206914-00

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

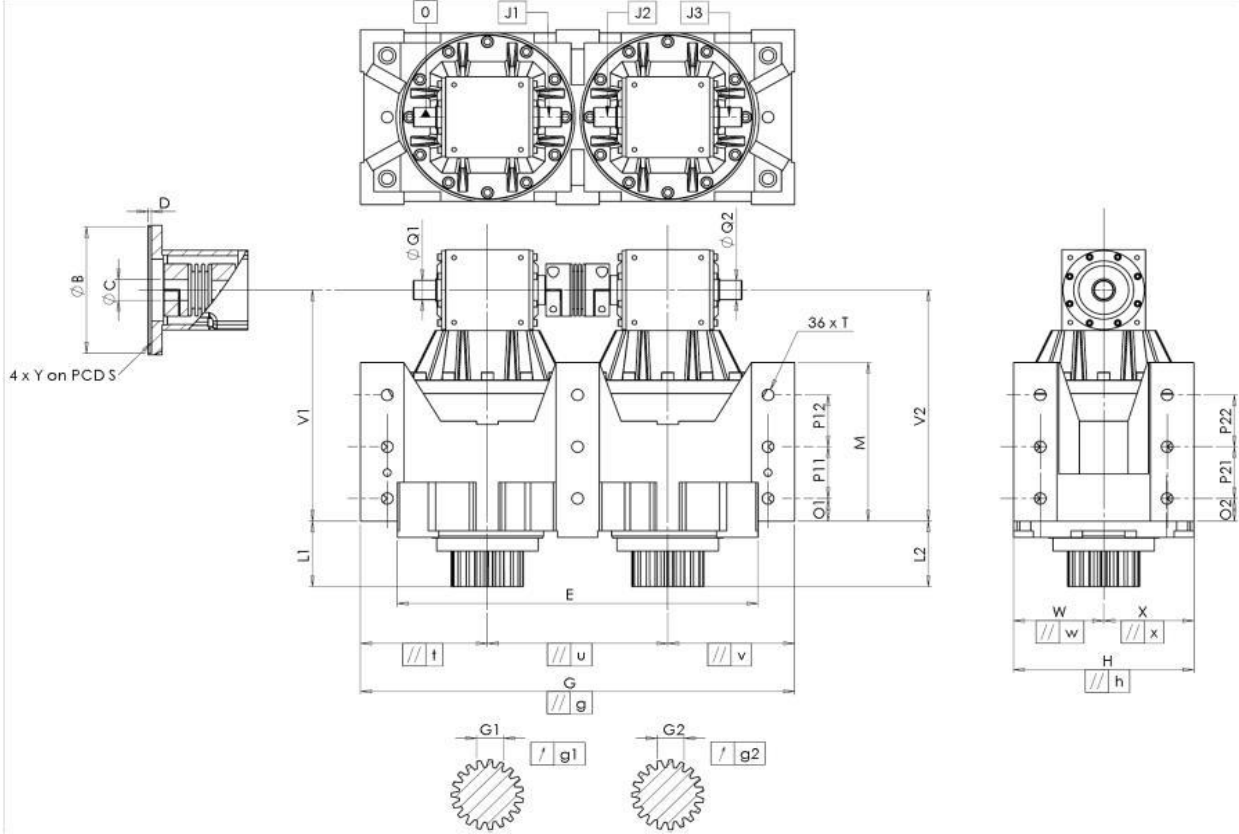
For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:
(1)Accepted according to Redex derogation DAC 13148

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN: 906339



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	
					E767													-	
	E	540	⁰ _{-0,1}	Cmm	540,006 ⁽¹⁾			O1	35	Cr	35						µm		
	G	650	^{+0,2} _{-0,2}	Cmm	650,058			P11	80	Cr	80		∅	B			µm		
//	g	0,045		Cmm	0,046 ⁽¹⁾			P12	80	Cr	80		∅	C			µm		
//	t	0,045		Cmm	0,001			M	245	^{+0,1} _{-0,1}	Cmm	245,03			D			Cr	
//	u	0,035		Cmm	0,012			O2	35	Cr	35		∅	S			Cr		
//	v	0,045		Cmm	0,005			P21	80	Cr	80		∅	Y			Pg		
	W	135		Cmm	135,004		∅	T	M20	Pg	M20								
//	w	0,035		Cmm	0,005		OUTPUT PINION												
	X	135		Cmm	135,009		Pinion 1			J3620									
//	x	0,035		Cmm	0,008		Span dimension over 3 teeth												
	H	270	^{+0,04} _{-0,04}	Cmm	270,013			G1	39,25	⁰ _{-0,03}	Cmm	39,23							
//	h	0,02		Cmm	0,024 ⁽¹⁾			↗	g1	0,022	Di	0,01							
	V1	357		Cmm	357,175		Pinion 2					J3617							
	L1	101		Cmm	101,172		Span dimension over 3 teeth												
	V2	357		Cmm	357,207			G2	39,25	⁰ _{-0,03}	Cmm	39,235							
	L2	101		Cmm	101,152			↗	g2	0,022	Di	0,01							
∅	Q1	30	^{+0,009} _{-0,004}	Cmm	30,001		No-load input torque					Torsional stiffness (Nm/arcmin)				1	473,03		
∅	Q2	30	^{+0,009} _{-0,004}	Cmm	30,009											2	473,03		
	J1	/0	Di	0,02							Radial stiffness (N/µm)				1	979			
	J2	/0	Di	-0,03											2	1051			
	J3	/0	Di	0,01							Noise level								
													@1600 rpm input (dB(A))				69,5		
	J2	/0	Di	-0,03		Line					2 Nm								
	J3	/0	Di	0,01		Line 2					2 Nm								