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CUSTOMER:	MAF-S	**CUSTOMER ORDER REF:**	220120IB-1 MAF-S
DISTRIBUTOR:	S & F INC	**REDEX ORDER REF:**	216652
DESIGNATION:	DRP3+R.31.4.H	**SERIAL NUMBER:**	906465
CODE:	RX128771-12	**MOTOR FLANGE CODE:**	RX129474-04

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.

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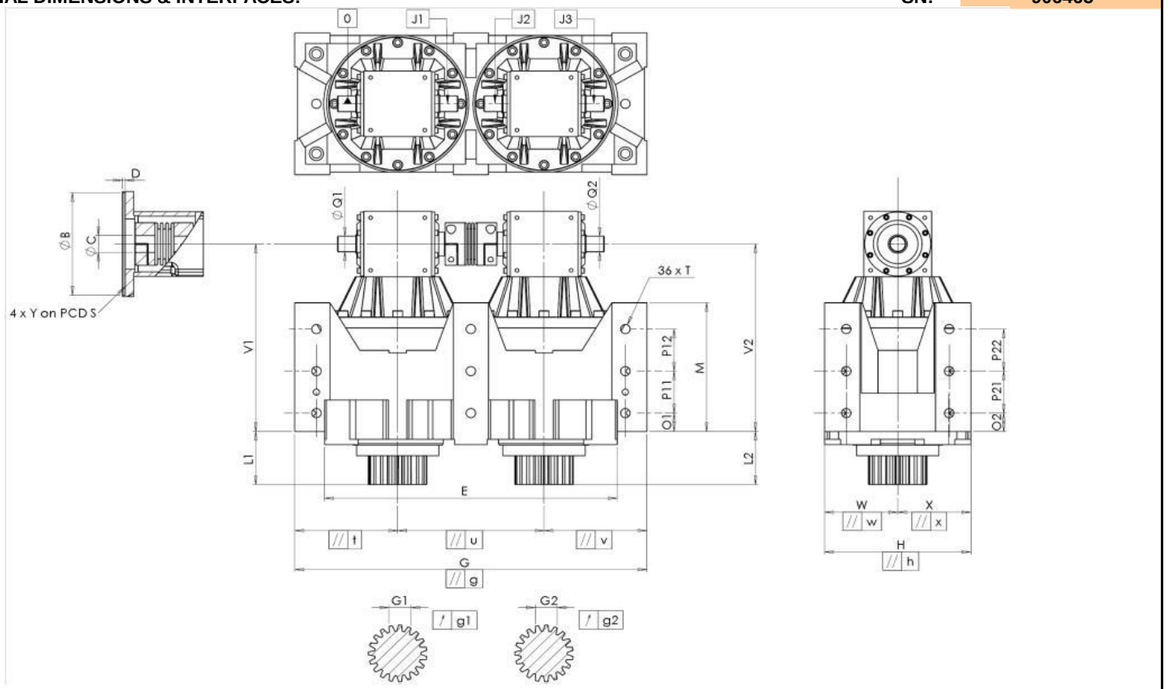
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 906465



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
					E768		O1	35		Cr	35						E531
	E	540 $^{0}_{-0,1}$		Cmm	539,988		P11	80		Cr	80	Ø	B	114,3 $^{+0,047}_{+0,012}$		µm	114,33
	G	650 $^{+0,2}_{-0,2}$		Cmm	650,059		P12	80		Cr	80	Ø	C	35 $^{+0,05}_{+0,025}$		µm	35,03
//	g	0,045		Cmm	0,014		M	245 $^{+0,1}_{-0,1}$		Cmm	245,046		D	8		Cr	8
//	t	0,045		Cmm	0,005		O2	35		Cr	35	Ø	S	200		Cr	200
//	u	0,035		Cmm	0,012		P21	80		Cr	80	Ø	Y	M12		Pg	M12
//	v	0,045		Cmm	0,006		P22	80		Cr	80						
	W	135		Cmm	134,999	Ø	T	M20		Pg	M20						
//	w	0,035		Cmm	0,006												
	X	135		Cmm	135,013												
//	x	0,035		Cmm	0,008												
	H	270 $^{+0,04}_{-0,04}$		Cmm	270,012												
//	h	0,02		Cmm	0,012												
	V1	357		Cmm	357,414												
	L1	101		Cmm	101,142												
	V2	357		Cmm	357,175												
	L2	101		Cmm	101,113												
Ø	Q1	30 $^{+0,009}_{-0,004}$		Cmm	30,006												
Ø	Q2	30 $^{+0,009}_{-0,004}$		Cmm	30,009												
	J1	/0		Di	0,02												
	J2	/0		Di	0												
	J3	/0		Di	0,04												

OUTPUT PINION					
Pinion 1					H56
Span dimension over 3 teeth					
	G1	39,25 $^{0}_{-0,03}$		Cmm	39,23
↗	g1	0,022		Di	0,02
Pinion 2					H60
Span dimension over 3 teeth					
	G2	39,25 $^{0}_{-0,03}$		Cmm	39,235
↗	g2	0,022		Di	0,02

No-load input torque	
Line	3 Nm
Line 2	2,1 Nm

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	1042
	2	1075

Noise level	
@1600 rpm input (dB(A))	69,0

Date: 30/05/2022 **Visa:** C DE MIRANDA

Version: A

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