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CUSTOMER:	SCOT FORGE	**CUSTOMER ORDER REF:**	*34672-00 SCOT FORGE
DISTRIBUTOR:	REDEX USA	**REDEX ORDER REF:**	219952
DESIGNATION:	DRP4+R.91.4.H	**SERIAL NUMBER:**	909857
CODE:	RX129047-33	**MOTOR FLANGE CODE:**	RX129551-01

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 Tp:	**Following application**
Maximum preload torque:	**18,1 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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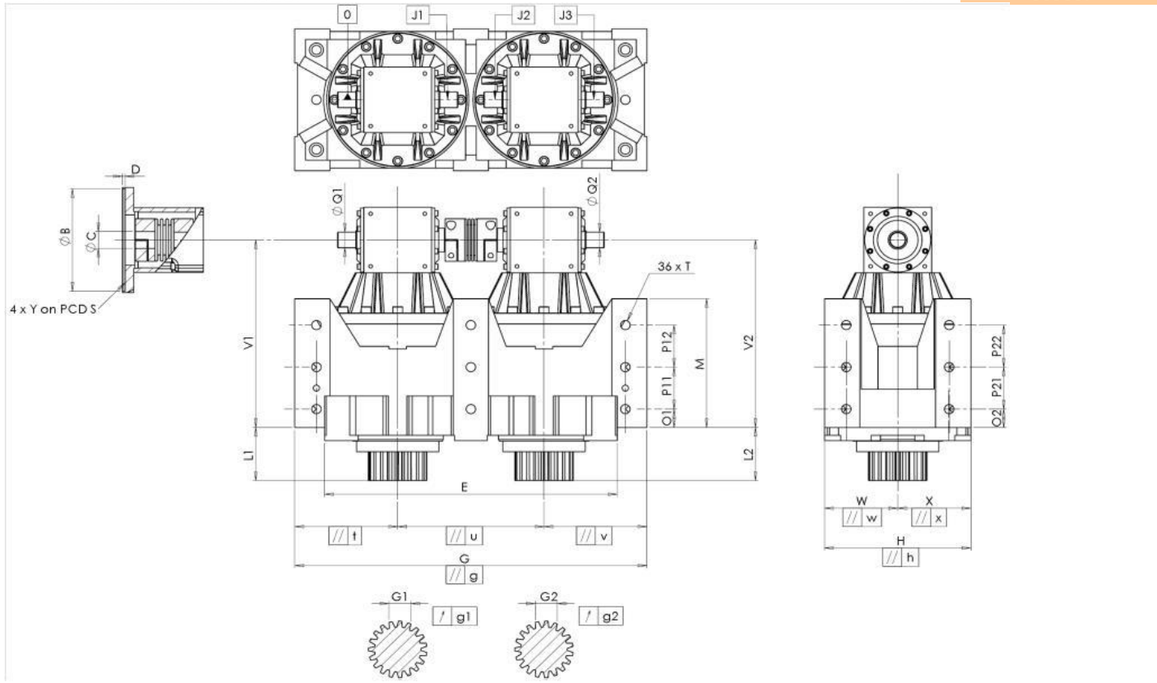
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 909857



General tolerance: Js13 | *Cmm* Automatic / manual coordinate-measuring machine | *µm* Micrometer | *Cr* Calliper rule | *Di* Dial indicator | *Pg* Plug gauge

HOUSING				requirement		measure
						J1692
		E	640 $^{0}_{-0,1}$	*Cmm*	639.977
		G	800 $^{+0,2}_{-0,2}$	*Cmm*	800.062
	//	g	0,05	*Cmm*	0.015
	//	t	0,05	*Cmm*	0.002
	//	u	0,035	*Cmm*	0.006
	//	v	0,05	*Cmm*	0.007
		W	160	*Cmm*	159.989
	//	w	0,04	*Cmm*	0.001
		X	160	*Cmm*	160.007
	//	x	0,04	*Cmm*	0.003
		H	320 $^{+0,04}_{-0,04}$	*Cmm*	319.996
	//	h	0,02	*Cmm*	0.018
		V1	435	*Cmm*	435.205
		L1	120	*Cmm*	120.194
		V2	435	*Cmm*	435.171
		L2	120	*Cmm*	120.138
	Ø	Q1	35 $^{+0,011}_{-0,005}$	*Cmm*	35.004
	Ø	Q2	35 $^{+0,011}_{-0,005}$	*Cmm*	35.011
		J1	/0	*Di*	0.03
		J2	/0	*Di*	0.01
		J3	/0	*Di*	0.02

HOUSING				requirement		measure
		O1	43	*Cr*	43
		P11	100	*Cr*	100
		P12	100	*Cr*	100
		M	288 $^{+0,1}_{-0,1}$	*Cmm*	288.027
		O2	43	*Cr*	43
		P21	100	*Cr*	100
		P22	100	*Cr*	100
	Ø	T	M24	*Pg*	M24

OUTPUT PINION				
Pinion 1				H3050
Span dimension over 3 teeth				
	G1	46,9 $^{0}_{-0,03}$	*Cmm*	46.89
↗	g1	0,022	*Di*	0.01
Pinion 2				H7098
Span dimension over 3 teeth				
	G2	46,9 $^{0}_{-0,03}$	*Cmm*	46.88
↗	g2	0,022	*Di*	0.01

No-load input torque	
Line	2,5 Nm
Line 2	2,8 Nm

MOTOR FLANGE				requirement	measure
					J251
Ø	B	180 $^{+0,054}_{+0,014}$	*µm*		180.04
Ø	C	38 $^{+0,05}_{+0,025}$	*µm*		38.04
	D	8	*Cr*		8.1
Ø	S	215	*Cr*		215
Ø	Y	M12	*Pg*		M12

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	745,99
	2	745,99
Radial stiffness (N/µm)	1	1108
	2	1000

Noise level	
@1300 rpm input (dB(A))	71.5

Date: 23/06/2025 **Visa:** C DE MIRANDA

Version: A

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