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Performance sheet	RX183/005-B	1/2
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: 909856
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:

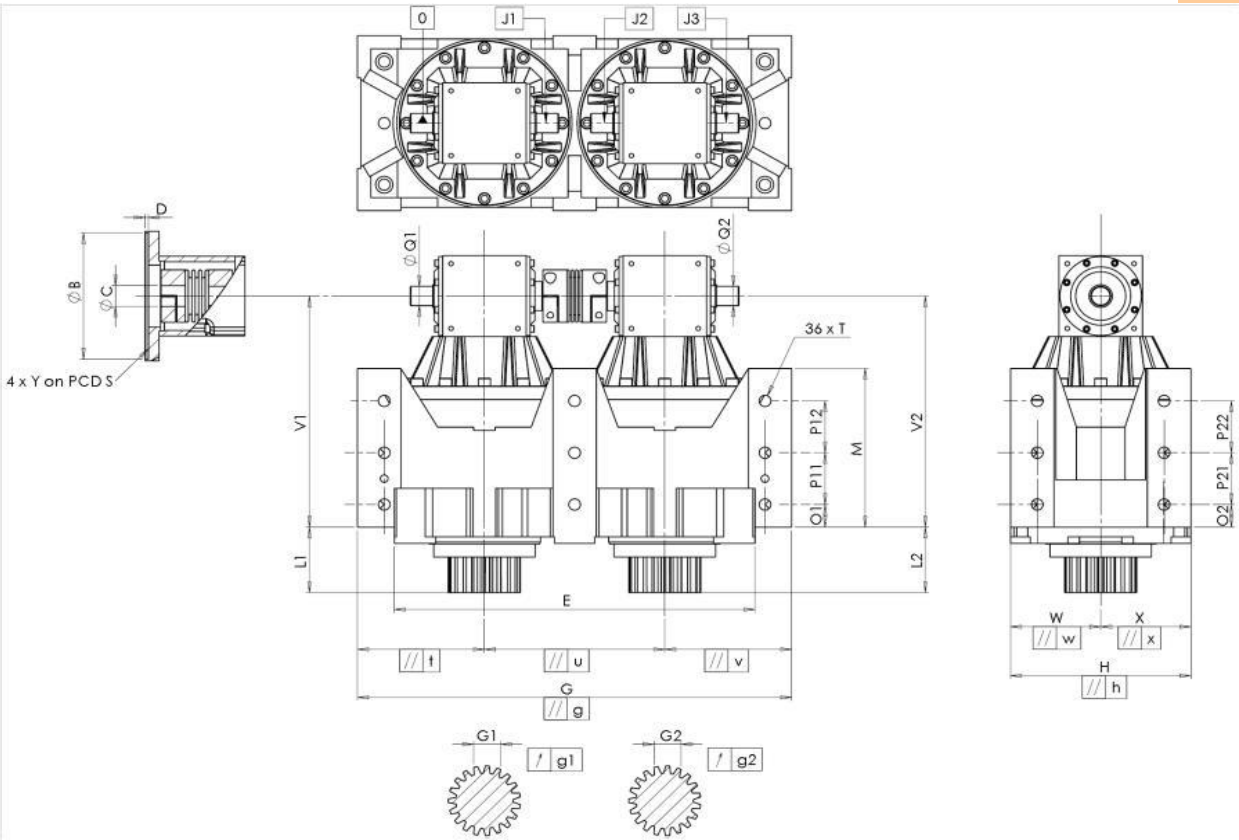
Product images are for illustrative purposes only.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 909856



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	
					J1693							J255								
	E	640	⁰ _{-0,1}	Cmm	639.959		O1	43	Cr	43			Ø	B	180	^{+0,054} _{+0,014}	µm	180.04		
	G	800	^{+0,2} _{-0,2}	Cmm	799.996		P11	100	Cr	100			Ø	C	38	^{+0,05} _{+0,025}	µm	38.04		
//	g	0,05		Cmm	0.02		M	288	^{+0,1} _{-0,1}	Cmm	287.962			D	8		Cr	8.12		
//	t	0,05		Cmm	0.001		O2	43	Cr	43			Ø	S	215		Cr	215.015		
//	u	0,035		Cmm	0.01		P21	100	Cr	100			Ø	Y	M12		Pg	M12		
//	v	0,05		Cmm	0.006		P22	100	Cr	100										
	W	160		Cmm	160.001	Ø	T	M24	Pg	M24										
//	w	0,04		Cmm	0.006	OUTPUT PINION														
	X	160		Cmm	160.02	Pinion 1					H7109									
//	x	0,04		Cmm	0.008	Span dimension over 3 teeth														
	H	320	^{+0,04} _{-0,04}	Cmm	320.022		G1	46,9	⁰ _{-0,03}	Cmm	46.88									
//	h	0,02		Cmm	0.019		↗	g1	0,022	Di	0.01									
	V1	435		Cmm	435.146		Pinion 2					H7107								
	L1	120		Cmm	120.084		Span dimension over 3 teeth													
	V2	435		Cmm	435.298			G2	46,9	⁰ _{-0,03}	Cmm	46.88								
	L2	120		Cmm	120.155		↗	g2	0,022	Di	0.01									
Ø	Q1	35	^{+0,011} _{-0,005}	Cmm	35.003	No-load input torque														
Ø	Q2	35	^{+0,011} _{-0,005}	Cmm	35						Noise level									
	J1	/0	Di	0.03	Line					2,3 Nm		@1300 rpm input (dB(A))					70.0			
	J2	/0	Di	0.02	Line 2					2,4 Nm										
	J3	/0	Di	0.03																

Date: 23/06/2025

Visa: C DE MIRANDA

Version: A

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