

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	S & F INC	CUSTOMER ORDER REF: *SFI2400039 MAF-S
DISTRIBUTOR:	S & F INC	REDEX ORDER REF: 219670
DESIGNATION:	DRP3+R.31.4.H	SERIAL NUMBER: 909457
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)

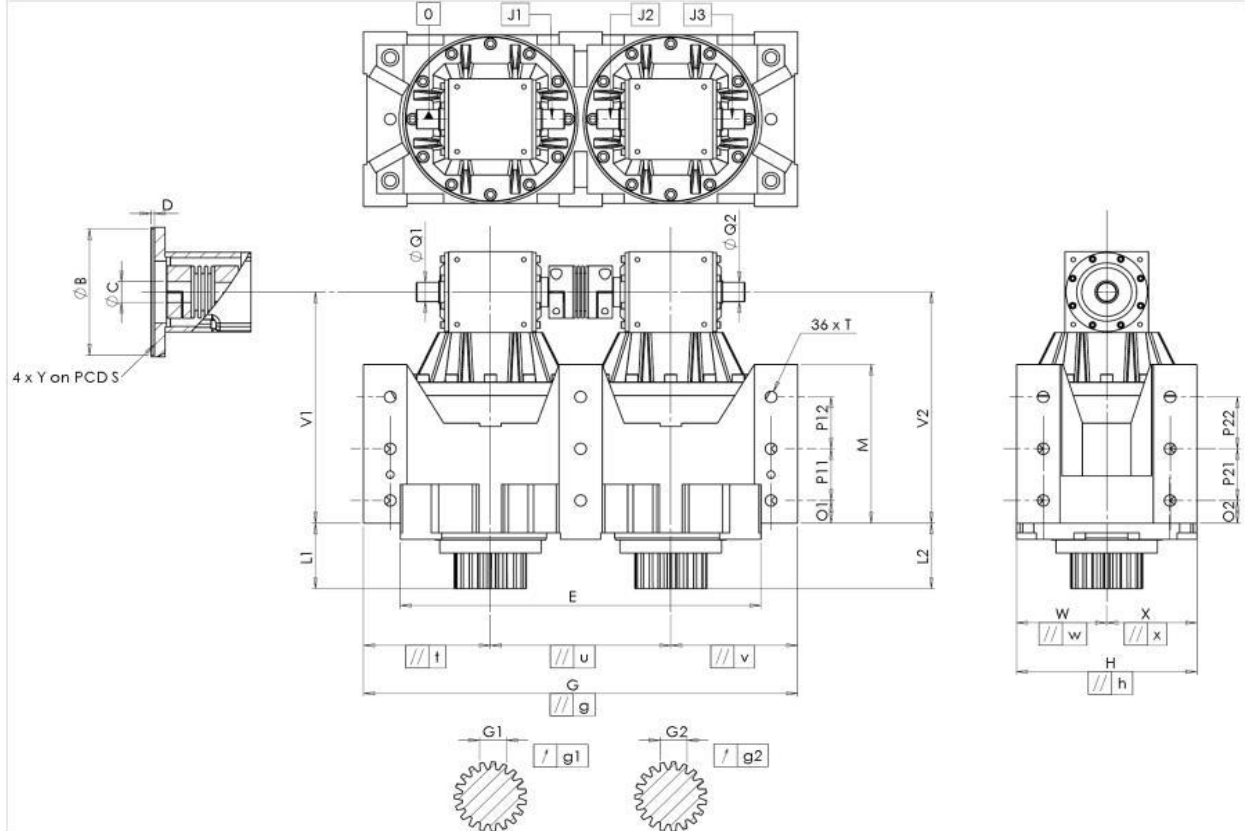
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 909457
		

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					
				G4754						O1 35		Cr	35						E530		
	E	540	⁰ _{-0,1}	Cmm	539,986		P11	80		Cr	80		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,333			
	G	650	^{+0,2} _{-0,2}	Cmm	649,963		P12	80		Cr	80		Ø	C	35	^{+0,05} _{+0,025}	µm	35,05			
//	g	0,045		Cmm	0,033		M	245	^{+0,1} _{-0,1}	Cmm	244,925			D	8		Cr	8			
//	t	0,045		Cmm	0,001		O2	35		Cr	35		Ø	S	200		Cr	200			
//	u	0,035		Cmm	0,006		P21	80		Cr	80		Ø	Y	M12		Pg	M12			
//	v	0,045		Cmm	0,004		P22	80		Cr	80										
	W	135		Cmm	135,002	Ø	T	M20		Pg	M20										
//	w	0,035		Cmm	0,002	OUTPUT PINION															
	X	135		Cmm	135,015	Pinion 1				G7033											
//	x	0,035		Cmm	0,003	Span dimension over 3 teeth															
	H	270	^{+0,04} _{-0,04}	Cmm	270,017		G1	39,25	⁰ _{-0,03}	Cmm	39,23										
//	h	0,02		Cmm	0,014	↗	g1	0,022		Di	0,02										
	V1	357		Cmm	356,986	Pinion 2				G7041											
	L1	101		Cmm	101,142	Span dimension over 3 teeth															
	V2	357		Cmm	356,982		G2	39,25	⁰ _{-0,03}	Cmm	39,23										
	L2	101		Cmm	101,128	↗	g2	0,022		Di	0,02	Torsional stiffness (Nm/arcmin)				1	473,03				
														2	473,03						
										Radial stiffness (N/µm)				1	1024						
														2	905						
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,003	No-load input torque											Noise level				
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,001												@1600 rpm input (dB(A))			71,5	
	J1		/0	Di	0,01	Line				2,8 Nm											
	J2		/0	Di	0,03	Line 2				3,1 Nm											
	J3		/0	Di	0,02																

Date: 13/02/2025

Visa: P.Vaslier

Version: A

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