

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	SPARK	CUSTOMER ORDER REF: RXCN2020111056_IO SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF: 215546
DESIGNATION:	DRP3+R.61.4.H	SERIAL NUMBER: 904914
CODE:	RX128771-32	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.

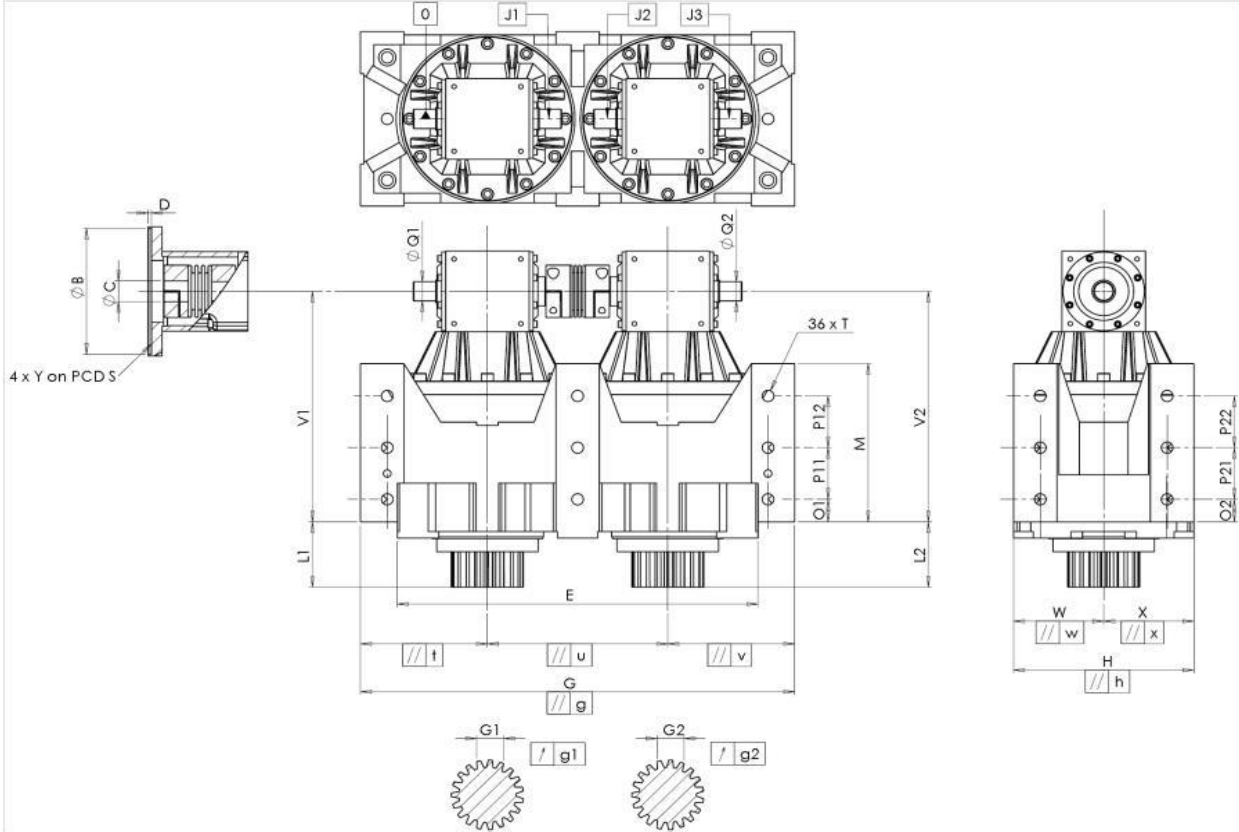
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	14,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 904914
		

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	
					D3222														B4381	
	E	540	⁰ _{-0,1}	Cmm	539,967		O1	35	Cr	35		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,319			
	G	650	^{+0,2} _{-0,2}	Cmm	649,972		P11	80	Cr	80		Ø	C	35	^{+0,05} _{+0,025}	µm	35,025			
//	g	0,045		Cmm	0,022		M	245	^{+0,1} _{-0,1}	Cmm	244,96		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	0,005		P22	80	Cr	80										
	W	135		Cmm	134,982	Ø	T	M20	Pg	M20										
//	w	0,035		Cmm	0,004	OUTPUT PINION														
	X	135		Cmm	135,008	Pinion 1					K2474									
//	x	0,035		Cmm	0,005	Span dimension over 3 teeth														
	H	270	^{+0,04} _{-0,04}	Cmm	269,989		G1	39,25	⁰ _{-0,03}	Cmm							39,23			
//	h	0,02		Cmm	0,018	↗	g1	0,022		Di							0,01			
	V1	357		Cmm	357,162	Pinion 2											K2464			
	L1	101		Cmm	101,143	Span dimension over 3 teeth														
	V2	357		Cmm	357,117		G2	39,25	⁰ _{-0,03}	Cmm							39,235			
	L2	101		Cmm	101,252	↗	g2	0,022		Di							0,01			
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,008	No-load input torque											Noise level			
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,006	Line					1 Nm		@1600 rpm input (dB(A))						69,0	
	J1		/0	Di	-0,01	Line 2					1 Nm									
	J2		/0	Di	0															
	J3		/0	Di	0															