

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	RXCN2019080119 TO SPARK
DISTRIBUTOR:		REDEX ORDER REF:	214522
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER:	903830
CODE:	RX128771-33	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 T_p :

Following application

Maximum preload torque:

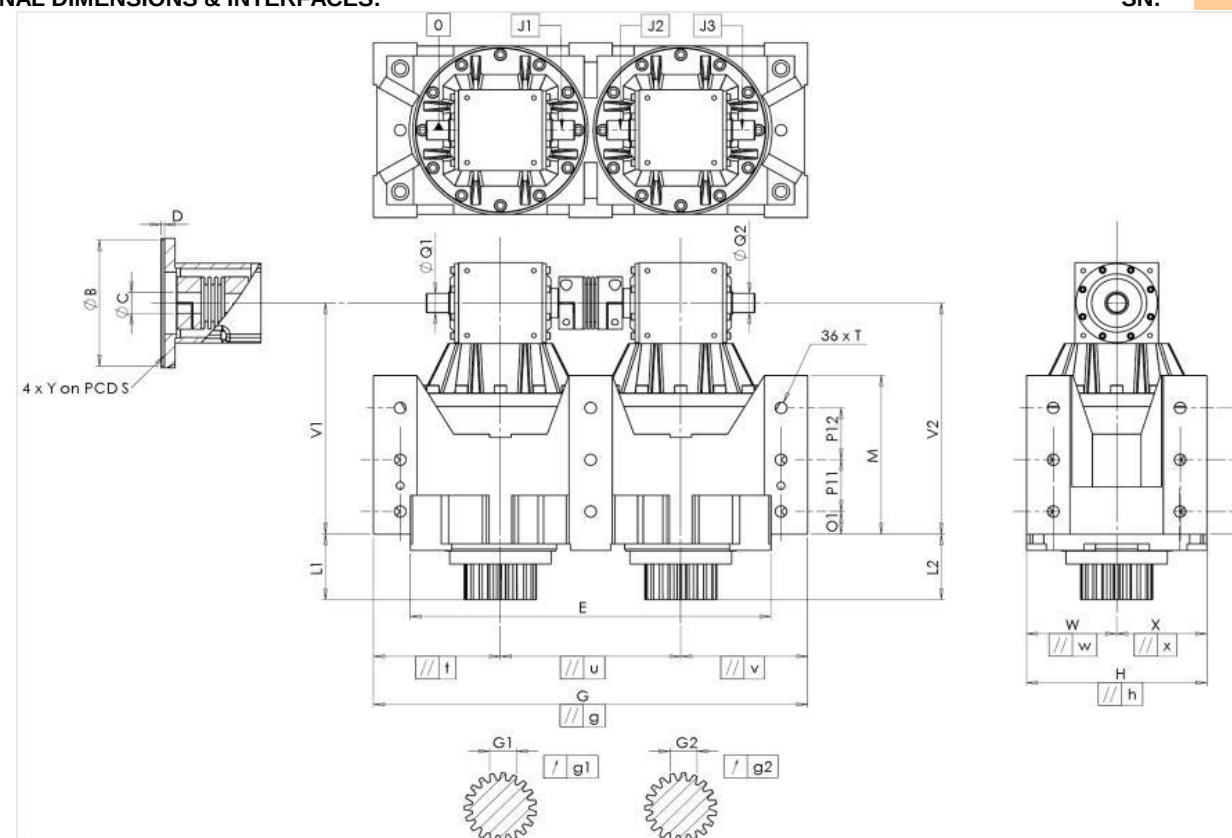
10 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 903830



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE											
requirement					measure					requirement					measure						
					C564										B4345						
	E	540	⁰ _{-0,1}	Cmm	539,956		O1	35	Cr	35		Ø	B	114,3	^{+0,047} _{+0,012}	µm	114,322				
	G	650	^{+0,2} _{-0,2}	Cmm	650,007		P11	80	Cr	80		Ø	C	35	^{+0,05} _{+0,025}	µm	35,05				
//	g	0,045		Cmm	0,016		M	245	^{+0,1} _{-0,1}	Cmm	245,032		D	8	Cr	8					
//	t	0,045		Cmm	0,001		O2	35	Cr	35		Ø	S	200	Cr	200					
//	u	0,035		Cmm	0,001		P21	80	Cr	80		Ø	Y	M12	Pg	M12					
//	v	0,045		Cmm	0,002		P22	80	Cr	80											
	W	135		Cmm	134,997	Ø	T	M20	Pg	M20											
//	w	0,035		Cmm	0,004	OUTPUT PINION															
	X	135		Cmm	135,003	Pinion 1					L1107										
//	x	0,035		Cmm	0,008	Span dimension over 3 teeth															
	H	270	^{+0,04} _{-0,04}	Cmm	270		G1	39,25	⁰ _{-0,03}	Cmm	39,235									Line	Stiffness
//	h	0,02		Cmm	0,02	↗	g1	0,022	Di	0,015											
	V1	357		Cmm	357,133	Pinion 2					L1099							Torsional stiffness (Nm/arcmin)	1	473,03	
	L1	101		Cmm	101,176	Span dimension over 3 teeth													2	473,03	
	V2	357		Cmm	357,201		G2	39,25	⁰ _{-0,03}	Cmm	39,235							Radial stiffness (N/µm)	1	975	
	L2	101		Cmm	101,186	↗	g2	0,022	Di	0,01	2	1146									
Ø	Q1	30	^{+0,009} _{-0,004}	Cmm	30,005	No-load input torque					Noise level										
Ø	Q2	30	^{+0,009} _{-0,004}	Cmm	30,004	Line					0,5 Nm		@1600 rpm input (dB(A))		68,5						
	J1	/0		µm	0,03	Line 2					0,5 Nm										
	J2	/0		µm	0,01																
	J3	/0		µm	0,05																

Date: 04/11/2019

Visa: P VASLIER

Version: A