

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	RXCN2019090621 IO SPARK
DISTRIBUTOR:		REDEX ORDER REF:	214581
DESIGNATION:	DRP3+R.61.4.H	SERIAL NUMBER:	904006
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 T_p :

Following application

Maximum preload torque:

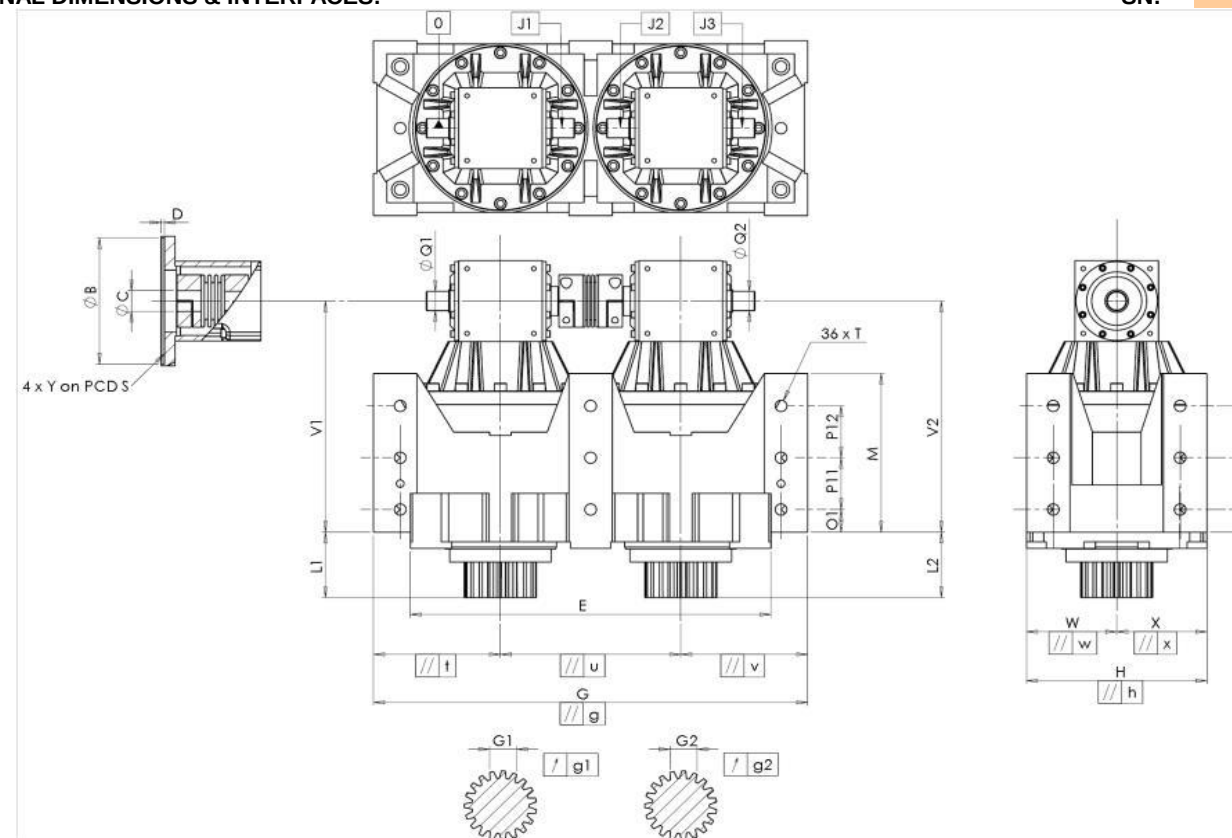
14,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 904006



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				
					B11967										B4337				
	E	540 ⁰ _{-0,1}	Cmm	539,992		O1	35	Cr	35		Ø	B	114,3 ^{+0,047} _{+0,012}	µm	114,33				
	G	650 ^{+0,2} _{-0,2}	Cmm	650,14		P11	80	Cr	80		Ø	C	35 ^{+0,05} _{+0,025}	µm	35,05				
//	g	0,045	Cmm	0,014		M	245 ^{+0,1} _{-0,1}	Cmm	245,099			D	8	Cr	8				
//	t	0,045	Cmm	0,001		O2	35	Cr	35		Ø	S	200	Cr	200				
//	u	0,035	Cmm	0,01		P21	80	Cr	80		Ø	Y	M12	Pg	M12				
//	v	0,045	Cmm	0,01		P22	80	Cr	80										
	W	135	Cmm	135,011		Ø	T	M20	Pg	M20									
//	w	0,035	Cmm	0,002	OUTPUT PINION														
	X	135	Cmm	134,998															
//	x	0,035	Cmm	0,004	Pinion 1					L1793									
	H	270 ^{+0,04} _{-0,04}	Cmm	270,008	Span dimension over 3 teeth														
//	h	0,02	Cmm	0,015															
	V1	357	Cmm	357,171		↗	G1	39,25 ⁰ _{-0,03}	Cmm	39,24									
	L1	101	Cmm	101,129			g1	0,022	Di	0,02									
	V2	357	Cmm	357,175	Pinion 2					L1112									
	L2	101	Cmm	101,101	Span dimension over 3 teeth														
Ø	Q1	30 ^{+0,009} _{-0,004}	Cmm	30,009												↗	G2	39,25 ⁰ _{-0,03}	Cmm
Ø	Q2	30 ^{+0,009} _{-0,004}	Cmm	30,005			g2	0,022	Di	0,015									
	J1	/0	µm	0,02	No-load input torque														
	J2	/0	µm	0,02	Line					0,5 Nm									
	J3	/0	µm	0	Line 2					0,5 Nm									
										Noise level									
										@1600 rpm input (dB(A))					69,5				

Date: 02/12/2019

Visa: C DE MIRANDA

Version: A