

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	RXCN20200928088 SPARK
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF:	215440
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER:	904807
CODE:	RX129047-33	MOTOR FLANGE CODE:	RX129551-03

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:

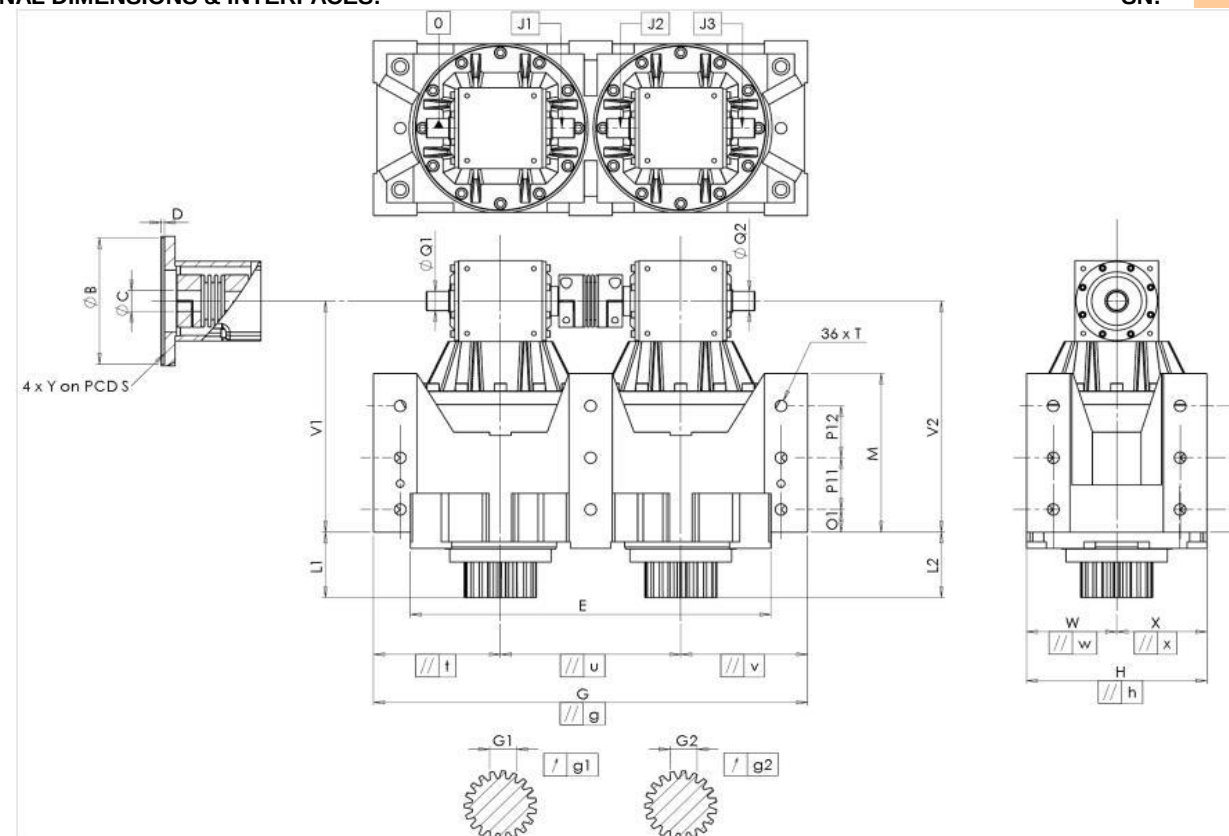
18,1 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 904807



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
-------------------------	------------	--	---------------	------------	-----------	---------------	-----------	----------------	-----------	------------

HOUSING					HOUSING					MOTOR FLANGE										
requirement					measure		requirement					measure		requirement					measure	
					C57							D415								
E 640 ⁰ _{-0,1}					Cmm	639,962	O1 43					Cr	43	Ø B 114,3 ^{+0,047} _{+0,012}					µm	114,334
G 800 ^{+0,2} _{-0,2}					Cmm	799,981	P11 100					Cr	100	Ø C 35 ^{+0,05} _{+0,025}					µm	35,05
//	g 0,05				Cmm	0,021	M 288 ^{+0,1} _{-0,1}					Cmm	287,92	D 18					Cr	18
//	t 0,05				Cmm	0,006	O2 43					Cr	43	Ø S 200					Cr	200
//	u 0,035				Cmm	0,005	P21 100					Cr	100	Ø Y M12					Pg	M12
//	v 0,05				Cmm	0,001	P22 100					Cr	100							
	W 160				Cmm	160,017	Ø T M24					Pg	M24							
//	w 0,04				Cmm	0,003														
	X 160				Cmm	160,005	OUTPUT PINION													
//	x 0,04				Cmm	0,002	Pinion 1					K1858								
	H 320 ^{+0,04} _{-0,04}				Cmm	320,022	Span dimension over 3 teeth													
//	h 0,02				Cmm	0,014	↗ G1 46,9 ⁰ _{-0,03}					Cmm	46,88							
	V1 435				Cmm	434,999	↗ g1 0,022					Di	0,02							
	L1 120				Cmm	120,569	Pinion 2					K1846								
	V2 435				Cmm	435,027	Span dimension over 3 teeth													
	L2 120				Cmm	120,621	↗ G2 46,9 ⁰ _{-0,03}					Cmm	46,875							
Ø	Q1 35 ^{+0,011} _{-0,005}				Cmm	35	↗ g2 0,022					Di	0,005							
Ø	Q2 35 ^{+0,011} _{-0,005}				Cmm	35	No-load input torque													
	J1 /0				Di	0,02	Line					1,8 Nm								
	J2 /0				Di	0,01	Line 2					1,8 Nm								
	J3 /0				Di	0														
												Noise level								
												@1300 rpm input (dB(A))					72,5			

Date: 02/12/2020

Visa: C DE MIRANDA

Version: A