

CUSTOMER:	SPARK	CUSTOMER ORDER REF:	GCN003791 SPARK
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATIO	REDEX ORDER REF:	212748
DESIGNATION:	DRP3+R.91.4.H	SERIAL NUMBER:	901691
CODE:	RX128771-33	MOTOR FLANGE CODE:	RX129474-03

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 Tp:	Following application
Maximum preload torque:	10 Nm

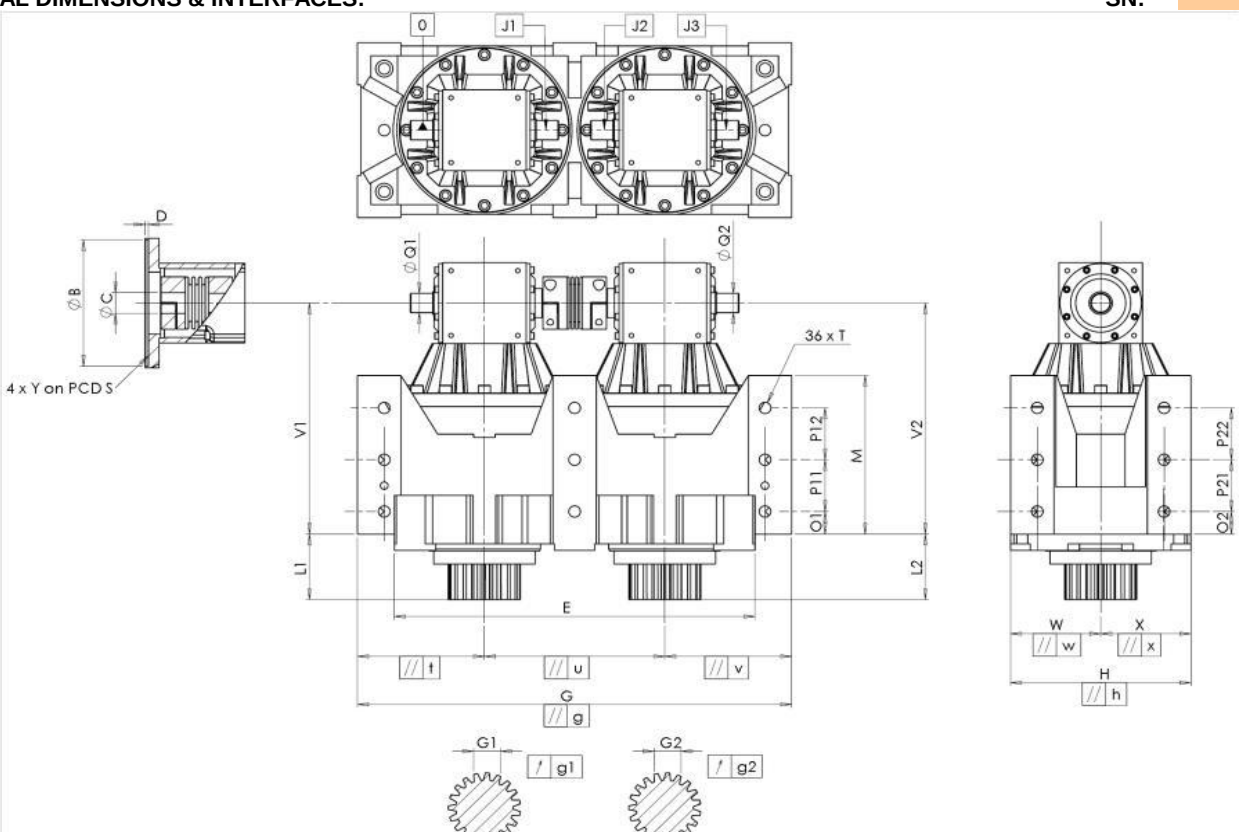
For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:

SN: 901691



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			
					B855											A4417			
	E	540 ^{0 -0,1}	Cmm	539.957		O1	35	Cr	35		Ø	B	180 ^{+0,054 +0,014}	µm	180.029				
	G	650 ^{+0,2 -0,2}	Cmm	650.017		P11	80	Cr	80		Ø	C	38 ^{+0,05 +0,025}	µm	38.04				
//	g	0,045	Cmm	0.009		M	245 ^{+0,1 -0,1}	Cmm	245.04			D	8	Cr	8.085				
//	t	0,045	Cmm	0.018		O2	35	Cr	35		Ø	S	215	Cr	215				
//	u	0,035	Cmm	0.02		P21	80	Cr	80		Ø	Y	M12	Pg	M12				
//	v	0,045	Cmm	0.002		P22	80	Cr	80										
	W	135	Cmm	135	Ø	T	M20	Pg	M20										
//	w	0,035	Cmm	0.004	OUTPUT PINION														
	X	135	Cmm	135.014	Pinion 1				N2460										
//	x	0,035	Cmm	0.005	Span dimension over 3 teeth														
	H	270 ^{+0,04 -0,04}	Cmm	270.014		G1	39,25 ^{0 -0,03}	Cmm	39.235										
//	h	0,02	Cmm	0.01	↗	g1	0,022	Di	0.022							Line		Stiffness	
	V1	357	Cmm	357.228	Pinion 2											N2452			
	L1	101	Cmm	101.089	Span dimension over 3 teeth					Torsional stiffness (Nm/arcmin)		1	473,03						
	V2	357	Cmm	357.121						Radial stiffness (N/µm)		2	473,03						
	L2	101	Cmm	101.066		G2	39,25 ^{0 -0,03}	Cmm	39.235			1	926						
Ø	Q1	30 ^{+0,009 -0,004}	Cmm	30.005	↗	g2	0,022	Di	0.005	2	929								
Ø	Q2	30 ^{+0,009 -0,004}	Cmm	30.004	No-load input torque					Noise level									
	J1	/0	µm	0.01	Line				1,5 Nm		@1600 rpm input (dB(A))				73.0				
	J2	/0	µm	0.01	Line 2				1,5 Nm										
	J3	/0	µm	0.01															

Date:	16/05/2018	Visa:	C DE MIRANDA
Version:	A		