

CUSTOMER:	SNK - BOEING	CUSTOMER ORDER REF:	1904221B-2 SNK - BOEING
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	214238
DESIGNATION:	DRP5+R.91.4.H	SERIAL NUMBER:	903499
CODE:	RX129232-33	MOTOR FLANGE CODE:	RX128067-13

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:

34,2 Nm

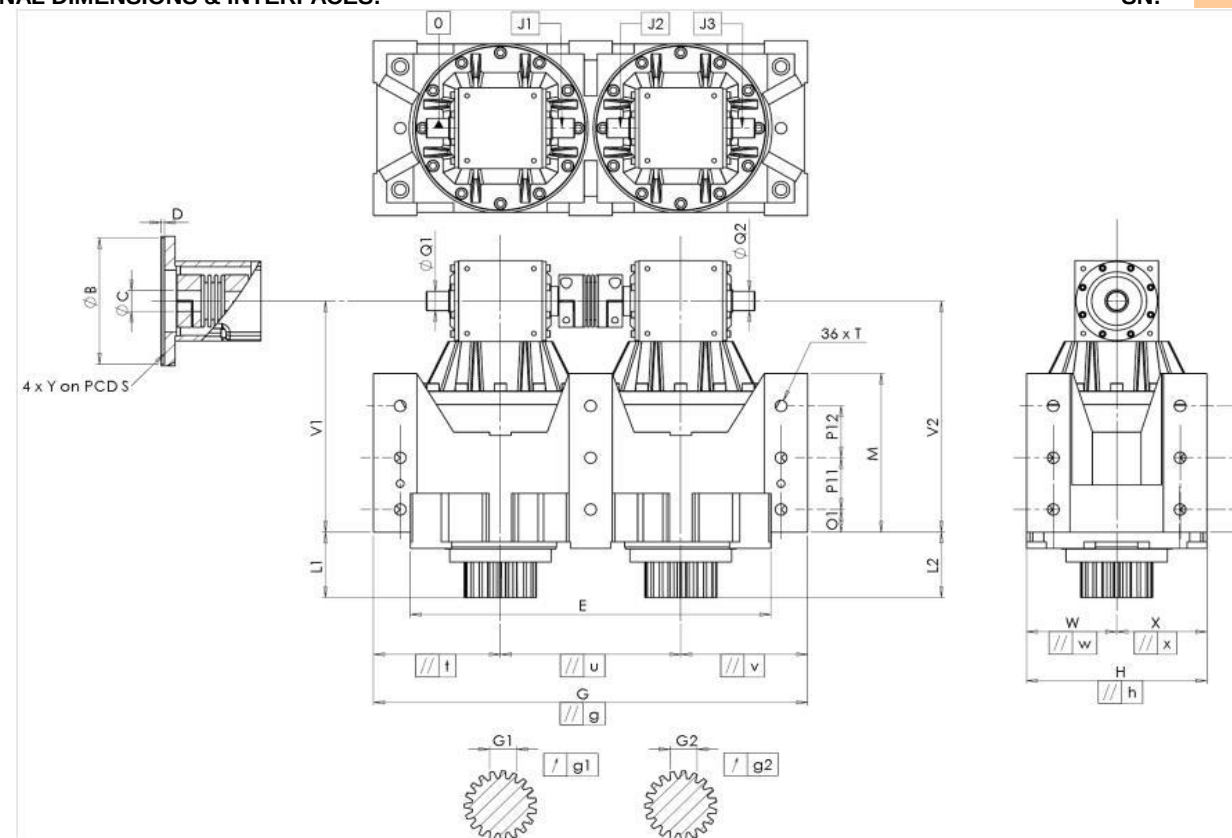
For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

* Accepted according to Redex derogation FA18-136

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 903499



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		requirement					measure			
					B6049							C707										
	E	720 ⁰ _{-0,15}	Cmm	719,961		O1	50	Cr	50		Ø	B	250 ^{+0,061} _{+0,015}	µm	250,03							
	G	920 ^{+0,3} _{-0,3}	Cmm	920,034		P12	105	Cr	105		Ø	C	T55	µm	T55							
//	g	0,055	Cmm	0,02		M	320 ^{+0,1} _{-0,1}	Cmm	320,018			D	8	Cr	7,97							
//	t	0,055	Cmm	0,002		O2	50	Cr	50		Ø	S	300	Cr	300							
//	u	0,04	Cmm	0,01		P21	105	Cr	105		Ø	Y	M16	Pg	M16							
//	v	0,055	Cmm	0,009		P22	105	Cr	105													
	W	180	Cmm	179,993		Ø	T	M30	Pg								M30					
//	w	0,05	Cmm	0,001	OUTPUT PINION																	
	X	180	Cmm	179,999	Pinion 1												M994					
//	x	0,05	Cmm	0,003	Span dimension over 3 teeth																	
	H	360 ^{+0,045} _{-0,045}	Cmm	359,992		G1	62,97 ⁰ _{-0,05}	Cmm	62,91 *										Line	Stiffness		
//	h	0,03	Cmm	0,014	↗	g1	0,03	Di	0,03										1	1076,47		
	V1	512	Cmm	512,491	Pinion 2												M1627		Torsional stiffness (Nm/arcmin)		2	1076,47
	L1	157	Cmm	157,151	Span dimension over 3 teeth														Radial stiffness (N/µm)		1	1406
	V2	512	Cmm	512,434		G2	62,97 ⁰ _{-0,05}	Cmm	62,94												2	1412
	L2	157	Cmm	157,248	↗	g2	0,03	Di	0,03	Noise level												
Ø	Q1	45 ^{+0,011} _{-0,005}	Cmm	44,997	No-load input torque					@1000 rpm input (dB(A))					73,5							
Ø	Q2	45 ^{+0,011} _{-0,005}	Cmm	44,995	Line					2 Nm												
	J1	/0	µm	0,05	Line 2					2 Nm												
	J2	/0	µm	0,04																		
	J3	/0	µm	0,2																		

Date: 01/08/2019

Visa: C DE MIRANDA

Version: A