

DRP		Page
Performance sheet	RX183/005-B	1/2
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: 903500
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 Tp:	Following application
Maximum preload torque:	34,2 Nm

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

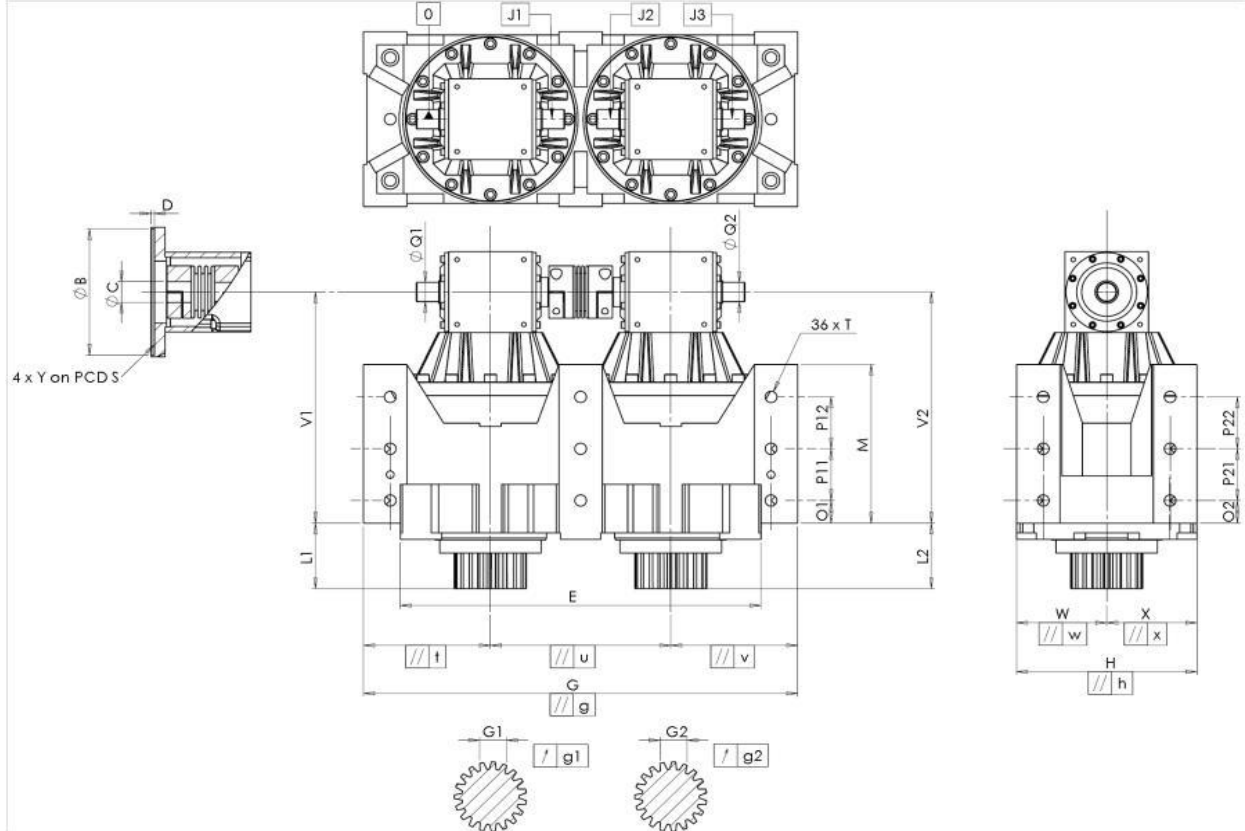
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

ZI-BP79
F45210 FERRIERES
www.redex.fr

Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 903500
		

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		
					B6047						50						C708		
	E	720 ⁰ _{-0,15}	Cmm	719,962			O1	105	Cr	105		Ø	B	250 ^{+0,061} _{+0,015}	µm	250,045			
	G	920 ^{+0,3} _{-0,3}	Cmm	920,105			P12	105	Cr	105		Ø	C	T55	µm	T55			
//	g	0,055	Cmm	0,026			M	320 ^{+0,1} _{-0,1}	Cmm	319,945			D	8	Cr	7,97			
//	t	0,055	Cmm	0,013			O2	50	Cr	50		Ø	S	300	Cr	300			
//	u	0,04	Cmm	0,012			P21	105	Cr	105		Ø	Y	M16	Pg	M16			
//	v	0,055	Cmm	0,004			P22	105	Cr	105									
	W	180	Cmm	180,035		Ø	T	M30	Pg	M30									
//	w	0,05	Cmm	0,007	OUTPUT PINION														
	X	180	Cmm	179,991	Pinion 1						M1629								
//	x	0,05	Cmm	0,004	Span dimension over 3 teeth														
	H	360 ^{+0,045} _{-0,045}	Cmm	360,026			G1	62,97 ⁰ _{-0,05}	Cmm	62,945				Line		Stiffness			
//	h	0,03	Cmm	0,018		↗	g1	0,03	Di	0,02									
	V1	512	Cmm	512,375							Torsional stiffness (Nm/arcmin)		1		1076,47				
	L1	157	Cmm	157,28	Pinion 2								2		1076,47				
	V2	512	Cmm	512,464	Span dimension over 3 teeth								Radial stiffness (N/µm)		1		1547		
	L2	157	Cmm	157,286			G2	62,97 ⁰ _{-0,05}	Cmm	62,94	2				1386				
Ø	Q1	45 ^{+0,011} _{-0,005}	Cmm	44,995		↗	g2	0,03	Di	0,02	Noise level								
Ø	Q2	45 ^{+0,011} _{-0,005}	Cmm	45,005	No-load input torque														
	J1	/0	µm	0,02	Line						2 Nm		@1000 rpm input (dB(A))				71,0		
	J2	/0	µm	0,01	Line 2						2 Nm								
	J3	/0	µm	0,01															