

CUSTOMER:	SNK	CUSTOMER ORDER REF:	SAV
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	213976
DESIGNATION:	DRP5+R.91.4.H	SERIAL NUMBER:	900601
CODE:	RX129232-33 RE205667-00	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.

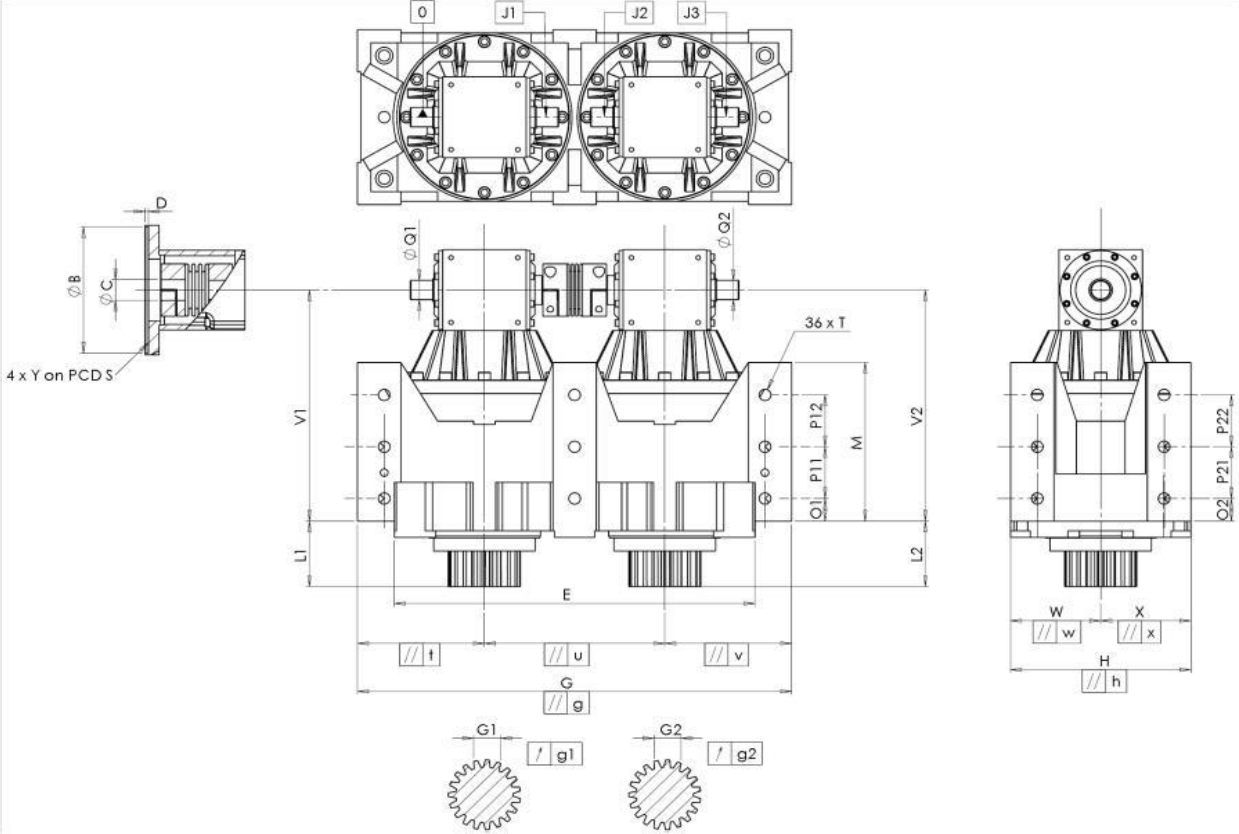
Optimal preload torque Tp:	Following application
Maximum preload torque:	34,2 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES:	SN:	900601
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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					
					M3372						50						L3546					
	E	720	⁰ _{-0,15}	Cmm	719,971		P11	105	Cr	105		Ø	B	250	^{+0,061} _{+0,015}	µm	250,03					
	G	920	^{+0,3} _{-0,3}	Cmm	920,295		P12	105	Cr	105		Ø	C	T55		µm	T55					
//	g	0,055		Cmm	0,055		M	320	^{+0,1} _{-0,1}	Cmm	319,959		D	8		Cr	8					
//	t	0,055		Cmm	0,009		O2	50	Cr	50		Ø	S	300		Cr	300					
//	u	0,04		Cmm	0,006		P21	105	Cr	105		Ø	Y	M16		Pg	M16					
//	v	0,055		Cmm	0,007		P22	105	Cr	105												
	W	180		Cmm	180,013	Ø	T	M30	Pg	M30												
//	w	0,05		Cmm	0,002	OUTPUT PINION																
	X	180		Cmm	179,999	Pinion 1					P2633											
//	x	0,05		Cmm	0,003	Span dimension over 3 teeth																
	H	360	^{+0,045} _{-0,045}	Cmm	360,012		G1	62,97	⁰ _{-0,05}	Cmm	62,94									Line	Stiffness	
//	h	0,03		Cmm	0,018	↗	g1	0,03	Di	0,015												
	V1	512		Cmm	512,307	Pinion 2					N553							Torsional stiffness (Nm/arcmin)		1	1076,47	
	L1	157		Cmm	157,085	Span dimension over 3 teeth														2	1076,47	
	V2	512		Cmm	512,22		G2	62,97	⁰ _{-0,05}	Cmm	62,94							Radial stiffness (N/µm)		1	1343	
	L2	157		Cmm	157,114	↗	g2	0,03	Di	0,02	2	1200										
Ø	Q1	45	^{+0,011} _{-0,005}	Cmm	45,004	No-load input torque					Noise level											
Ø	Q2	45	^{+0,011} _{-0,005}	Cmm	44,998						@1000 rpm input (dB(A))					75,0						
	J1	/0		µm	0,01	Line					1,8 Nm											
	J2	/0		µm	0,02	Line 2					1,6 Nm											
	J3	/0		µm	0,02																	

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	1076,47
	2	1076,47
Radial stiffness (N/µm)	1	1343
	2	1200
Noise level		
@1000 rpm input (dB(A))		75,0