

CUSTOMER:	KUNMING	CUSTOMER ORDER REF:	GC000813 KUNMING
DISTRIBUTOR:	SHANGHAI GUDEL AUTOMATION	REDEX ORDER REF:	210743
DESIGNATION:	DRP5+R.91.4.H	SERIAL NUMBER:	899055
CODE:	RX129232-33	MOTOR FLANGE CODE:	RX129792-01

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:

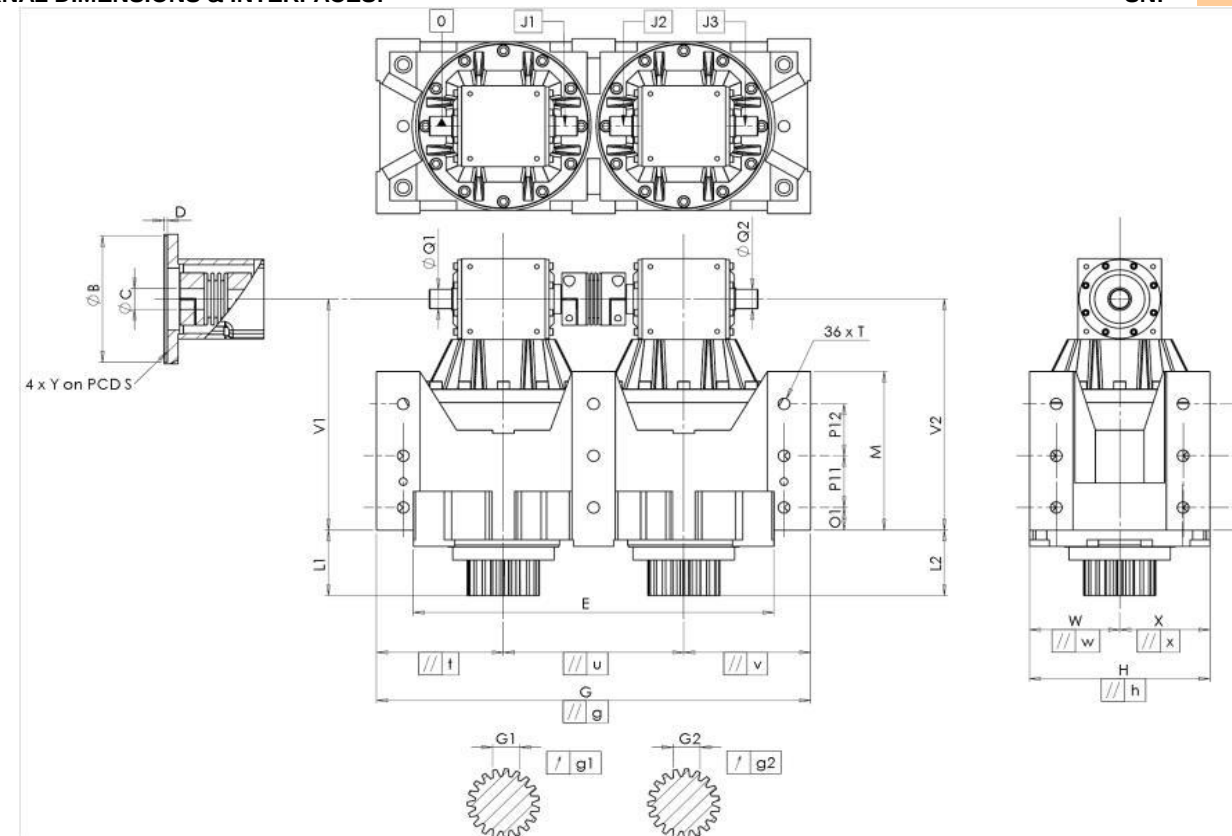
34,2 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 899055



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		
			L5188					50					K3320		
	E	720 ⁰ _{-0,15}	Cmm	719,982		O1	50	Cr	50		Ø	B	180 ^{+0,054} _{+0,014}	µm	180,054
	G	920 ^{+0,3} _{-0,3}	Cmm	920,102		P12	105	Cr	105		Ø	C	38 ^{+0,05} _{+0,025}	µm	38,05
//	g	0,055	Cmm	0,05		M	320 ^{+0,1} _{-0,1}	Cmm	319,931			D	8	Cr	8,08
//	t	0,055	Cmm	0,008		O2	50	Cr	50		Ø	S	215	Cr	215,09
//	u	0,04	Cmm	0,009		P21	105	Cr	105		Ø	Y	M12	Pg	M12
//	v	0,055	Cmm	0,009		P22	105	Cr	105						
	W	180	Cmm	180,015		Ø	T	M30	Pg	M30					
//	w	0,05	Cmm	0,004											
	X	180	Cmm	180,016	OUTPUT PINION										
//	x	0,05	Cmm	0,007	Pinion 1			P1915							
	H	360 ^{+0,045} _{-0,045}	Cmm	360,031	Span dimension over 3 teeth										
//	h	0,03	Cmm	0,02		G1	62,97 ⁰ _{-0,05}	Cmm	62,945						
	V1	512	Cmm	512,364		↗	g1	0,03	Di	0,03					
	L1	157	Cmm	156,816	Pinion 2			P1914							
	V2	512	Cmm	512,29	Span dimension over 3 teeth										
	L2	157	Cmm	156,888		G2	62,97 ⁰ _{-0,05}	Cmm	62,95						
Ø	Q1	45 ^{+0,011} _{-0,005}	Cmm	45,006		↗	g2	0,03	Di	0,02					
Ø	Q2	45 ^{+0,011} _{-0,005}	Cmm	45,011	No-load input torque										
	J1	/0	µm	0,02	Line			1,5 Nm							
	J2	/0	µm	0,02	Line 2			1,5 Nm							
	J3	/0	µm	0,04											
										Torsional stiffness (Nm/arcmin)			1	1076,47	
													2	1076,47	
										Radial stiffness (N/µm)			1	1376	
													2	1400	
Noise level															
										@1000 rpm input (dB(A))			78,5		

Date: 04/08/2016

Visa: JJ PELLÉ p.o. JP MOZZICONACCI

Version: A

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