

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	KUNMING	CUSTOMER ORDER REF: GC000813 KUNMING
DISTRIBUTOR:	SHANGHAI Gudel Automation	REDEX ORDER REF: 210743
DESIGNATION:	DRP5+R.91.4.H	SERIAL NUMBER: 899054
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.

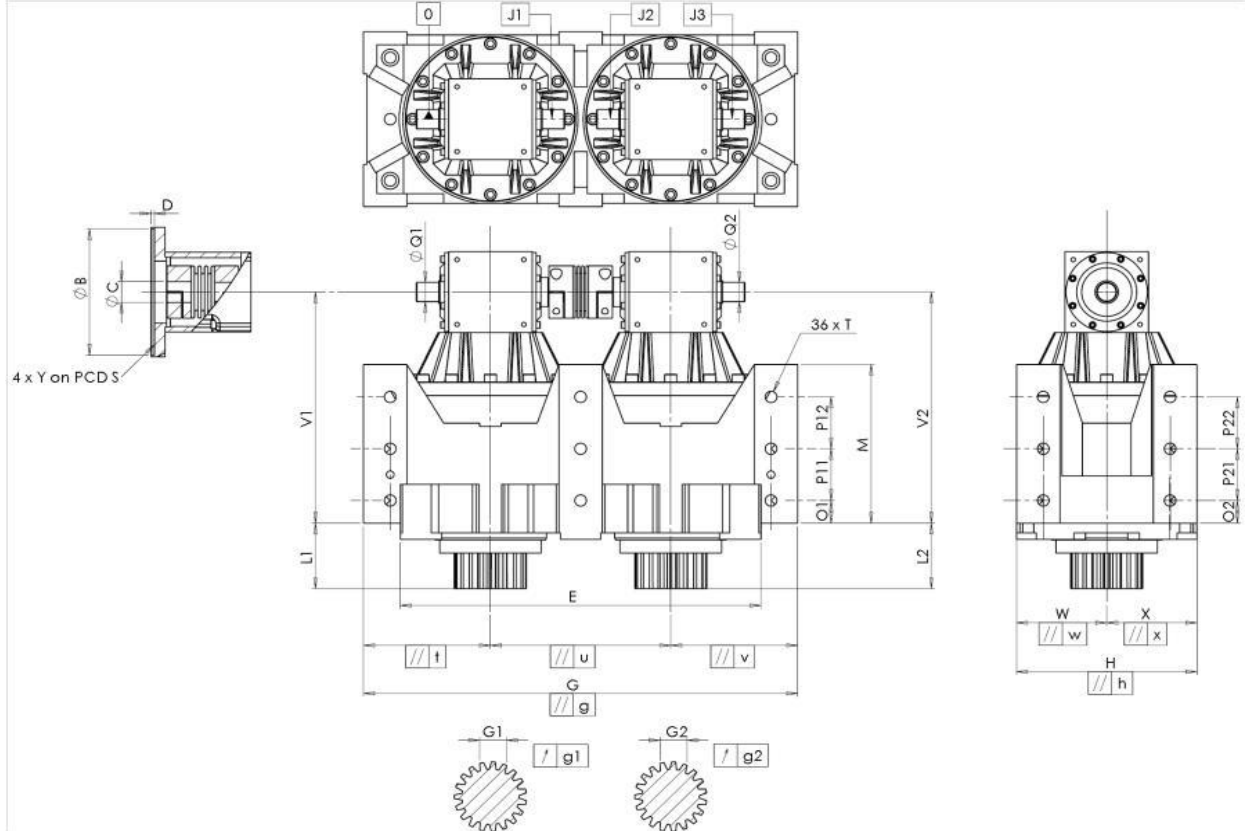
A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque 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.

DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 899054
		

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																															
					L5189										O1					50					Cr					50										K3321																
					E 720 ⁰ _{-0,15}					Cmm	719,977										P11					105					Cr					105					Ø					B 180 ^{+0,054} _{+0,014}					µm	180,054				
					G 920 ^{+0,3} _{-0,3}					Cmm	920,126										P12					105					Cr					105					Ø					C 38 ^{+0,05} _{+0,025}					µm	38,05				
//					g 0,055					Cmm	0,033										M 320 ^{+0,1} _{-0,1}					Cmm	319,961										D 8					Cr					8,08									
//					t 0,055					Cmm	0,005										O2 50					Cr					50					Ø					S 215					Cr					215,07					
//					u 0,04					Cmm	0,004										P21 105					Cr					105					Ø					Y M12					Pg					M12					
//					v 0,055					Cmm	0,003										P22 105					Cr					105																									
					W 180					Cmm	180					Ø					T M30					Pg					M30																									
//					w 0,05					Cmm	0,001					OUTPUT PINION																																								
					X 180					Cmm	179,99															Pinion 1					P1908																									
//					x 0,05					Cmm	0,004																																													
					H 360 ^{+0,045} _{-0,045}					Cmm	359,99															Span dimension over 3 teeth																														
//					h 0,03					Cmm	0,019																																													
					V1 512					Cmm	512,446					↗					G1 62,97 ⁰ _{-0,05}					Cmm	62,95																			Line					Stiffness					
					L1 157					Cmm	156,803										g1 0,03					Di					0,02																									
					V2 512					Cmm	512,278					Pinion 2					P1912					Torsional stiffness (Nm/arcmin)					1															1076,47										
					L2 157					Cmm	156,876																									Span dimension over 3 teeth																				
					↗					G2 62,97 ⁰ _{-0,05}					Cmm	62,935					Radial stiffness (N/µm)					1					1576																									
Ø					Q1 45 ^{+0,011} _{-0,005}					Cmm	45,009																									g2 0,03					Di					0,01					2					1231
Ø					Q2 45 ^{+0,011} _{-0,005}					Cmm	45,006					No-load input torque										Noise level																														
					J1 /0					µm	0,01																									Line					1,5 Nm					@1000 rpm input (dB(A))					69,0					
					J2 /0					µm	0,02																																													
					J3 /0					µm	0,02																																													

Date: 02/08/2016

Visa: JJ PELLÉ p.o. JP MOZZICONACCI

Version: A