

CUSTOMER:	HWACHEON MACHINERY WORK	CUSTOMER ORDER REF:	HMT-190313-01 HWACHEON
DISTRIBUTOR:		REDEX ORDER REF:	214133
DESIGNATION:	DRP1+R.31.4.H	SERIAL NUMBER:	903595
CODE:	RX128461-12	MOTOR FLANGE CODE:	RX129592-01

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:

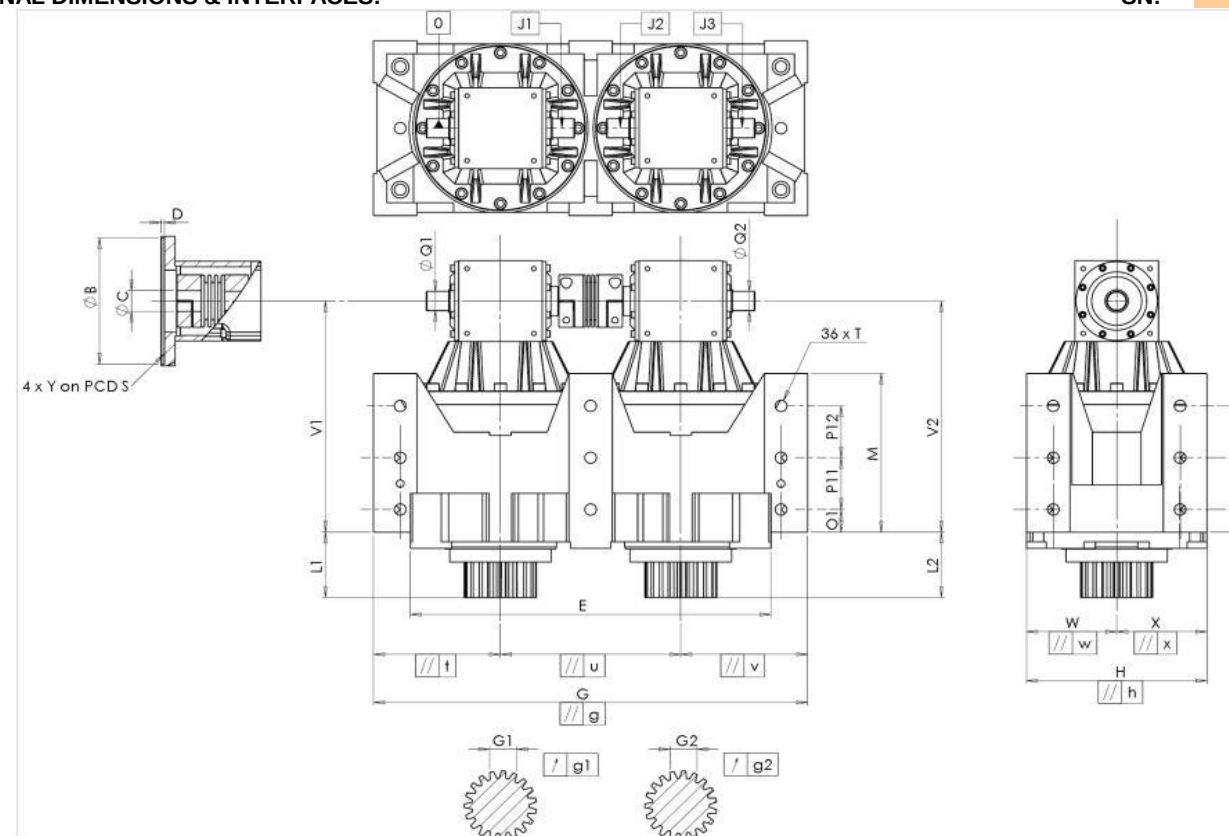
6,8 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 903595



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				
					C66										C1134				
	E	380 ⁰ _{-0,05}	Cmm	379,958		O1	20	Cr	20		Ø	B	130 ^{+0,054} _{+0,014}	µm	130,038				
	G	470 ^{+0,1} _{-0,1}	Cmm	470		P11	65	Cr	65		Ø	C	32 ^{+0,05} _{+0,025}	µm	32,025				
//	g	0,04	Cmm	0,022		M	172 ^{+0,1} _{-0,1}	Cmm	172,026			D	5	Cr	5,09				
//	t	0,04	Cmm	0,003		O2	20	Cr	20		Ø	S	165	Cr	165				
//	u	0,03	Cmm	0,006		P21	65	Cr	65		Ø	Y	M10	Pg	M10				
//	v	0,04	Cmm	0,002		P22	65	Cr	65										
	W	95	Cmm	94,997	Ø	T	M12	Pg	M12										
//	w	0,03	Cmm	0,003	OUTPUT PINION														
	X	95	Cmm	94,994	Pinion 1				M4216										
//	x	0,03	Cmm	0,003	Span dimension over 3 teeth														
	H	190 ^{+0,025} _{-0,025}	Cmm	189,991		G1	23,28 ⁰ _{-0,03}	Cmm	23,27										
//	h	0,02	Cmm	0,006	↗	g1	0,021	Di	0,015										
	V1	229	Cmm	229,218	Pinion 2				M4219										
	L1	70	Cmm	70,049	Span dimension over 3 teeth														
	V2	229	Cmm	229,136		G2	23,28 ⁰ _{-0,03}	Cmm	23,27										
	L2	70	Cmm	70,069	↗	g2	0,021	Di	0,01										
Ø	Q1	20 ^{+0,009} _{-0,004}	Cmm	20	No-load input torque					Noise level									
Ø	Q2	20 ^{+0,009} _{-0,004}	Cmm	20,004	Line				0,5 Nm				@1600 rpm input (dB(A))		69,0				
	J1	/0	µm	0,01	Line 2				0,5 Nm										
	J2	/0	µm	0,01															
	J3	/0	µm	0,015															

Date: 27/06/2019

Visa: C DE MIRANDA

Version: A