CUSTOMER:	HWACHEON MACHINERY	**CUSTOMER ORDER REF:**	HMT6170116-01 HWACHEON
DISTRIBUTOR:		**REDEX ORDER REF:**	211512
DESIGNATION:	DRP3+R.31.4.H	**SERIAL NUMBER:**	899951
CODE:	RX128771-12	**MOTOR FLANGE CODE:**	RX129474-03

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:	**36,3 Nm**

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

SPECIFIC REMARKS:

Accepted according the derogation RX9111 *

Product images are for illustrative purposes only.

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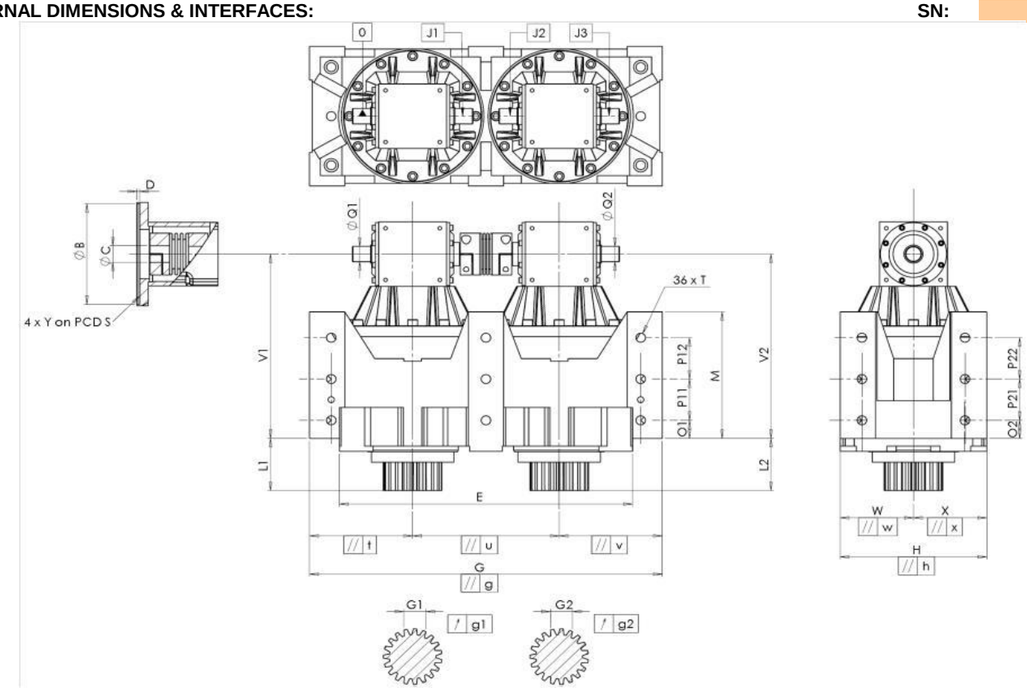
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 899951



General tolerance: Js13 | *Cmm* Automatic / manual coordinate-measuring machine | *µm* Micrometer | *Cr* Calliper rule | *Di* Dial indicator | *Pg* Plug gauge

HOUSING requirement					HOUSING measure
					M7338
	E	540	$^{0}_{-0,1}$	*Cmm*	539,948
	G	650	$^{+0,2}_{-0,2}$	*Cmm*	649,982
//	g	0,045		*Cmm*	0,015
//	t	0,045		*Cmm*	0,006
//	u	0,035		*Cmm*	0,018
//	v	0,045		*Cmm*	0,011
	W	135		*Cmm*	135,012
//	w	0,035		*Cmm*	0,001
	X	135		*Cmm*	135,003
//	x	0,035		*Cmm*	0,003
	H	270	$^{+0,04}_{-0,04}$	*Cmm*	270,015
//	h	0,02		*Cmm*	0,014
	V1	357		*Cmm*	357,107
	L1	101		*Cmm*	101,128
	V2	357		*Cmm*	357,061
	L2	101		*Cmm*	101,085
Ø	Q1	30	$^{+0,009}_{-0,004}$	*Cmm*	30,002
Ø	Q2	30	$^{+0,009}_{-0,004}$	*Cmm*	30
	J1		/0	*µm*	0,01
	J2		/0	*µm*	0,01
	J3		/0	*µm*	0,01

HOUSING requirement					HOUSING measure
	O1	35		*Cr*	35
	P11	80		*Cr*	80
	P12	80		*Cr*	80
	M	245	$^{+0,1}_{-0,1}$	*Cmm*	244,965
	O2	35		*Cr*	35
	P21	80		*Cr*	80
	P22	80		*Cr*	80
Ø	T	M20		*Pg*	M20

OUTPUT PINION				
Pinion 1				O1225
Span dimension over 3 teeth				
	G1	39,25	$^{0}_{-0,03}$	*Cmm* 39,235
↗	g1	0,022		*Di* 0,015
Pinion 2				O1221
Span dimension over 3 teeth				
	G2	39,25	$^{0}_{-0,03}$	*Cmm* 39,23
↗	g2	0,022		*Di* 0,02

No-load input torque	
Line	1,5 Nm
Line 2	1,5 Nm

MOTOR FLANGE requirement					MOTOR FLANGE measure
					M6999
Ø	B	180	$^{+0,054}_{+0,014}$	*µm*	180,035
Ø	C	38	$^{+0,05}_{+0,025}$	*µm*	38,03
	D	8		*Cr*	8,09
Ø	S	215		*Cr*	215
Ø	Y	M12		*Pg*	M12

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	473,03
	2	473,03
Radial stiffness (N/µm)	1	969
	2	1065

Noise level	
@1600 rpm input (dB(A))	75,5 *

Date: 05/04/2017 **Visa:** J ONGANER

Version: A

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