Performance sheet — RX183/005-B

CUSTOMER:	KIHEUNG MACHINERY LTD.	**CUSTOMER ORDER REF:**	
DISTRIBUTOR:		**REDEX ORDER REF:**	216319
DESIGNATION:	DRP4+R.91.4.H	**SERIAL NUMBER:**	905287
CODE:	RX129047-33 RE206545-00	**MOTOR FLANGE CODE:**	RX129551-07

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:	**18,1 Nm**

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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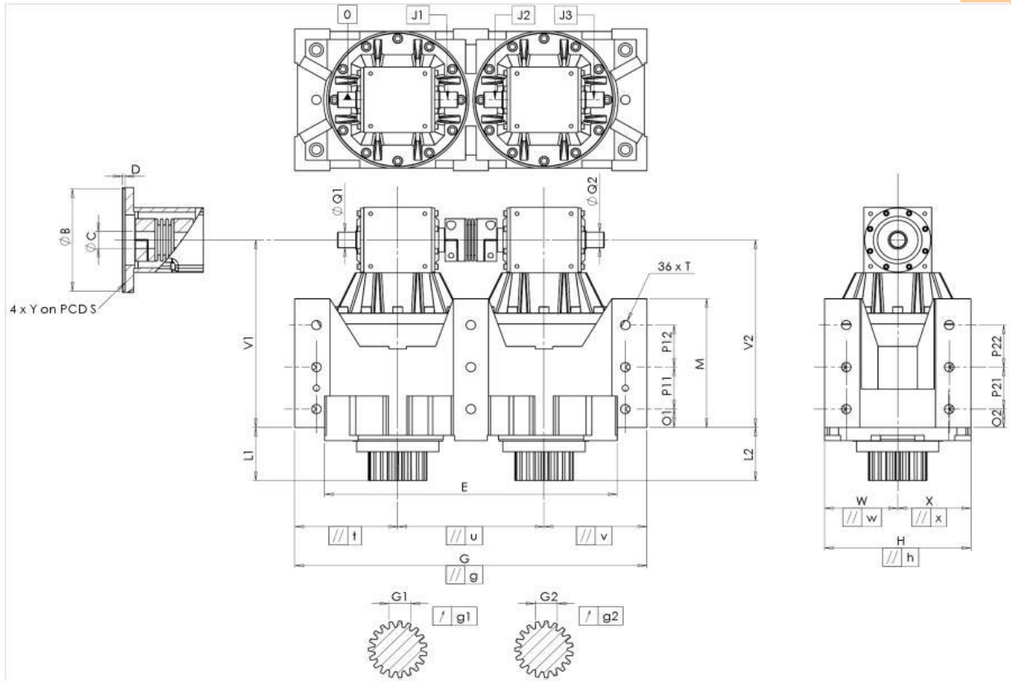
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 905287



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

HOUSING

		requirement			measure
					C2313
	E	640 $^{0}_{-0,1}$		*Cmm*	639,963
	G	800 $^{+0,2}_{-0,2}$		*Cmm*	799,875
//	g	0,05		*Cmm*	0,029
//	t	0,05		*Cmm*	0,001
//	u	0,035		*Cmm*	0,011
//	v	0,05		*Cmm*	0,001
	W	160		*Cmm*	160
//	w	0,04		*Cmm*	0,007
	X	160		*Cmm*	160,021
//	x	0,04		*Cmm*	0,006
	H	320 $^{+0,04}_{-0,04}$		*Cmm*	320,021
//	h	0,02		*Cmm*	0,014
	V1	435		*Cmm*	435,179
	L1	120		*Cmm*	120,56
	V2	435		*Cmm*	435,177
	L2	120		*Cmm*	120,201
Ø	Q1	35 $^{+0,011}_{-0,005}$		*Cmm*	35,01
Ø	Q2	35 $^{+0,011}_{-0,005}$		*Cmm*	35,007
	J1	/0		*Di*	0
	J2	/0		*Di*	-0,03
	J3	/0		*Di*	-0,025

HOUSING

		requirement			measure
	O1	43		*Cr*	43
	P11	100		*Cr*	100
	P12	100		*Cr*	100
	M	288 $^{+0,1}_{-0,1}$		*Cmm*	288,001
	O2	43		*Cr*	43
	P21	100		*Cr*	100
	P22	100		*Cr*	100
Ø	T	M24		*Pg*	M24

OUTPUT PINION

Pinion 1				K1856
Span dimension over 3 teeth				
	G1	46,9 $^{0}_{-0,03}$	*Cmm*	46,88
↗	g1	0,022	*Di*	0,01
Pinion 2				J112
Span dimension over 3 teeth				
	G2	46,9 $^{0}_{-0,03}$	*Cmm*	46,88
↗	g2	0,022	*Di*	0,01

No-load input torque

Line	1,5 Nm
Line 2	1,7 Nm

MOTOR FLANGE

		requirement			measure
					C4185
Ø	B	180G7 $^{+0,054}_{+0,014}$		*µm*	180,04
Ø	C	38F7 $^{+0,050}_{+0,025}$		*µm*	38,05
	D	8		*Cr*	8,08
Ø	S	215		*Cr*	215
Ø	Y	M14		*Pg*	M14

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	745,99
	2	745,99
Radial stiffness (N/µm)	1	1285
	2	1131

Noise level	
@1300 rpm input (dB(A))	73,0

Date: 14/12/2021 **Visa:** P VASLIER

Version: A

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