

CUSTOMER:	FOWEI	CUSTOMER ORDER REF:	*RXCN2020101002
DISTRIBUTOR:	REDEX SHANGHAI REPAIRING	REDEX ORDER REF:	215666
DESIGNATION:	DRP1+R.31.4.H	SERIAL NUMBER:	905061
CODE:	RX128461-12	MOTOR FLANGE CODE:	RX130963-01

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:

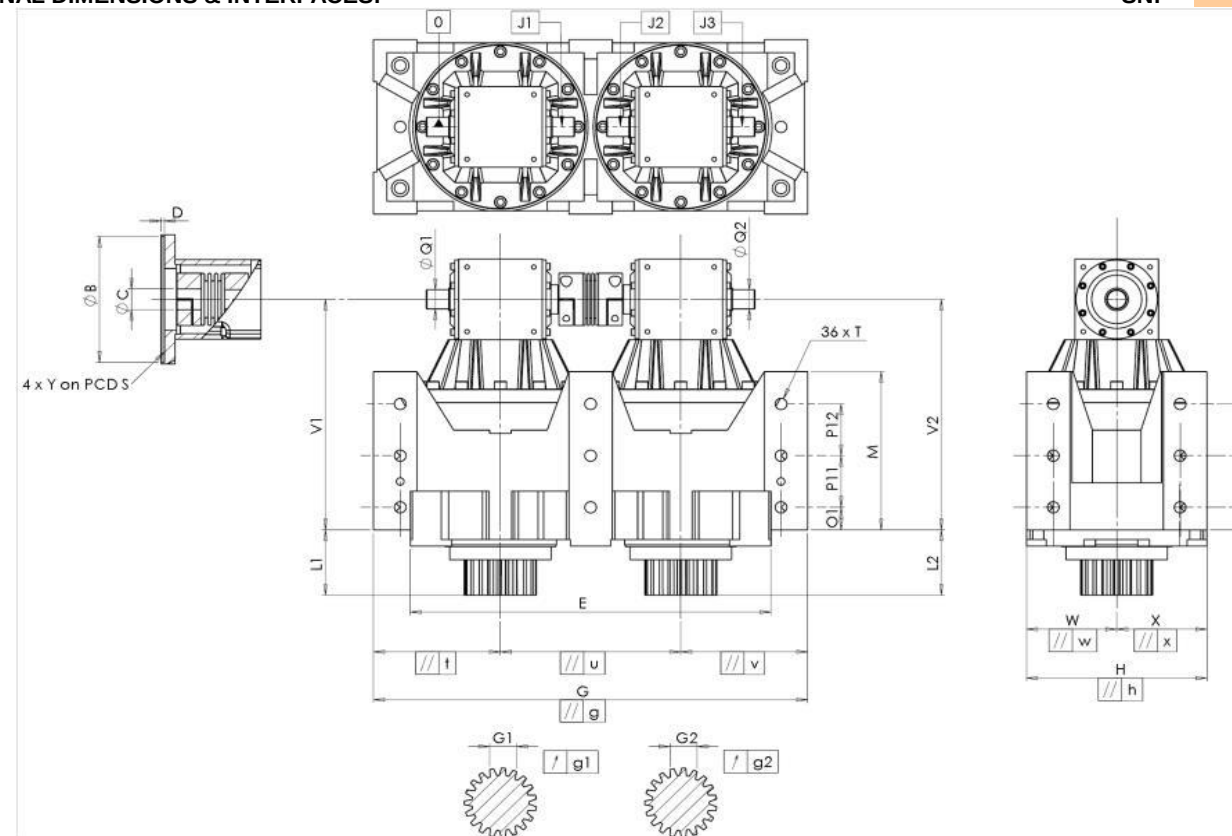
6,8 Nm

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 905061



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		
				C61						C5138							
	E	380 ^{0 -0,05}	Cmm	379,967			O1	20	Cr	20			Ø	B	114,3 ^{+0,047 +0,012}	µm	114,313
	G	470 ^{+0,1 -0,1}	Cmm	470,001			P11	65	Cr	65			Ø	C	35 ^{+0,05 +0,025}	µm	35,04
//	g	0,04	Cmm	0,018			P12	65	Cr	65				D	7	Cr	7,1
//	t	0,04	Cmm	0,001			M	172 ^{+0,1 -0,1}	Cmm	172,031			Ø	S	200	Cr	200
//	u	0,03	Cmm	0,008			O2	20	Cr	20			Ø	Y	M12	Pg	M12
//	v	0,04	Cmm	0,003			P21	65	Cr	65							
	W	95	Cmm	94,984			P22	65	Cr	65							
	Ø	T	M12	Pg	M12												
OUTPUT PINION																	
	w	0,03	Cmm	0,008		Pinion 1			K56								
	X	95	Cmm	95,029		Span dimension over 3 teeth											
//	x	0,03	Cmm	0,008													
	H	190 ^{+0,025 -0,025}	Cmm	190,012													
//	h	0,02	Cmm	0,006													
	V1	229	Cmm	229,18													
	L1	70	Cmm	69,986		Pinion 2			K71								
	V2	229	Cmm	229,197		Span dimension over 3 teeth											
	L2	70	Cmm	69,939													
Ø	Q1	20 ^{+0,009 -0,004}	Cmm	20,005		↗			G2	23,28 ^{0 -0,03}	Cmm	23,255					
Ø	Q2	20 ^{+0,009 -0,004}	Cmm	20,007		↗			g2	0,021	Di	0,01					
	J1	/0	Di	0,05		No-load input torque											
	J2	/0	Di	0,01		Line			0,5 Nm								
	J3	/0	Di	0,03		Line 2			0,5 Nm								
												Noise level					
												@1600 rpm input (dB(A))		67,0			

Date: 30/03/2021

Visa: P VASLIER

Version: A