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CUSTOMER:	ROUNDTOP MACHINERY IND.CO	CUSTOMER ORDER REF: RX104312T ROUNDTOP
DISTRIBUTOR:		REDEX ORDER REF: 209878
DESIGNATION:	DRP2+R.31.4.H	SERIAL NUMBER: 897909
CODE:	RX128950-12	MOTOR FLANGE CODE:

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:	18,7 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: 897909
General tolerance: Js13		Cmm Automatic / manual coordinate-measuring machine
		µm Micrometer
		Cr Calliper rule
		Di Dial indicator
		Pg Plug gauge
HOUSING		HOUSING
requirement		measure
		L0798
E		460 ⁰ _{-0,05} Cmm 459,98
G		560 ^{+0,1} _{-0,1} Cmm 559,961
// g		0,045 Cmm 0,016
// t		0,045 Cmm 0,004
// u		0,03 Cmm 0,003
// v		0,045 Cmm 0,002
W		115 Cmm 114,992
// w		0,03 Cmm 0,004
X		115 Cmm 114,998
// x		0,03 Cmm 0,004
H		230 ^{+0,025} _{-0,025} Cmm 229,991
// h		0,02 Cmm 0,004
V1		298 Cmm 298,241
L1		85 Cmm 85,068
V2		298 Cmm 298,214
L2		85 Cmm 85,025
Ø Q1		25 ^{+0,009} _{-0,004} Cmm 25
Ø Q2		25 ^{+0,009} _{-0,004} Cmm 25,003
J1		/0 µm 0,01
J2		/0 µm 0,02
J3		/0 µm 0,03
requirement		measure
O1		30 Cr 30
P11		75 Cr 75
P12		75 Cr 75
M		210 ^{+0,1} _{-0,1} Cmm 209,977
O2		30 Cr 30
P21		75 Cr 75
P22		75 Cr 75
Ø T		M16 Pg M16
OUTPUT PINION		
Pinion 1		P1899
Span dimension over 4 teeth		
G1		44,27 ⁰ _{-0,03} Cmm 44,25
g1		0,022 Di 0,005
Pinion 2		P1893
Span dimension over 4 teeth		
G2		44,27 ⁰ _{-0,03} Cmm 44,25
g2		0,022 Di 0,02
No-load input torque		
Line		0,8 Nm
Line 2		0,8 Nm
Date:		01/12/2015
Visa:		J ONGANER
Version:		A
Torsional stiffness (Nm/arcmin)		Line 1 243,75 Line 2 243,75
Radial stiffness (N/µm)		Line 1 530 Line 2 417
Noise level		@2100 rpm input (dB(A)) 73,5