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CUSTOMER:	GUEDEL INDIA Pvt.	CUSTOMER ORDER REF: PO/1819/00818 GUEDEL INDIA
DISTRIBUTOR:		REDEX ORDER REF: 213225
DESIGNATION:	DRP2+R.31.4.S	SERIAL NUMBER: 902440
CODE:	RX130746-12	MOTOR FLANGE CODE: RX129627-01

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 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: 902440

General tolerance: Js13				Cmm	Automatic / manual coordinate-measuring machine		µm	Micrometer		Cr	Calliper rule		Di	Dial indicator		Pg	Plug gauge			
HOUSING					HOUSING					MOTOR FLANGE										
requirement					measure		requirement					measure		requirement					measure	
					B3156							30							B5610	
	E	460	⁰ _{-0,05}	Cmm	459,971		P11	75	Cr	75		Ø	B	180	^{+0,054} _{+0,014}	µm	180,016			
	G	560	^{+0,1} _{-0,1}	Cmm	560,002		P12	75	Cr	75		Ø	C	38	^{+0,05} _{+0,025}	µm	38,05			
//	g	0,045		Cmm	0,006		M	210	^{+0,1} _{-0,1}	Cmm	209,962		D	8		Cr	8,092			
//	t	0,045		Cmm	0,004		O2	30	Cr	30		Ø	S	215		Cr	215			
//	u	0,03		Cmm	0,007		P21	75	Cr	75		Ø	Y	M12		Pg	M12			
//	v	0,045		Cmm	0,002		P22	75	Cr	75										
	W	115		Cmm	115,017	Ø	T	M16	Pg	M16										
//	w	0,03		Cmm	0,003	OUTPUT PINION														
	X	115		Cmm	114,997	Pinion 1					N2344									
//	x	0,03		Cmm	0,002	Span dimension over 4 teeth														
	H	230	^{+0,025} _{-0,025}	Cmm	230,014		G1	44,27	⁰ _{-0,03}	Cmm	44,25									
//	h	0,02		Cmm	0,013	↗	g1	0,022		Di	0,005									
	V1	298		Cmm	298,256						Torsional stiffness (Nm/arcmin)		1	243,75						
	L1	85		Cmm	84,977	Pinion 2							2456	2	243,75					
	V2	298		Cmm	298,15	Span dimension over 4 teeth					Radial stiffness (N/µm)		1	401						
	L2	85		Cmm	84,889		G2	44,27	⁰ _{-0,03}	Cmm			44,255	2	478					
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25	↗	g2	0,022		Di	0,005	Noise level								
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	24,998	No-load input torque														
	J1	/0		µm	0,01	Line					1 Nm		@1600 rpm input (dB(A))			73,5				
	J2	/0		µm	0,01	Line 2					1 Nm									
	J3	/0		µm	0,01															

Date: 19/10/2018

Visa: C DE MIRANDA

Version: A



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