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Performance sheet	RX183/005-B	1/2
CUSTOMER:	FHPU ZAK WLODZIMIERZ OKRA	
CUSTOMER ORDER REF:	ZR/R/001/07/21 FHPU	
DISTRIBUTOR:	REDEX ORDER REF:	
DESIGNATION:	DRP4+R.91.4.H	SERIAL NUMBER:
CODE:	RX129047-33	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:	18,1 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: 905883

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		
					C2315			O1	43	Cr	43					D609		
	E	640 ⁰ _{-0,1}	Cmm	639,971		P11	100	Cr	100		Ø	B	180 ^{+0,054} _{+0,014}	µm	180,05			
	G	800 ^{+0,2} _{-0,2}	Cmm	799,873		P12	100	Cr	100		Ø	C	38 ^{+0,05} _{+0,025}	µm	38,05			
//	g	0,05	Cmm	0,021		M	288 ^{+0,1} _{-0,1}	Cmm	288,022			D	8	Cr	8,12			
//	t	0,05	Cmm	0,006		O2	43	Cr	43		Ø	S	215	Cr	215			
//	u	0,035	Cmm	0,006		P21	100	Cr	100		Ø	Y	M12	Pg	M12			
//	v	0,05	Cmm	0,003		P22	100	Cr	100									
	W	160	Cmm	160,019	Ø	T	M24	Pg	M24									
//	w	0,04	Cmm	0,002	OUTPUT PINION													
	X	160	Cmm	159,99	Pinion 1				J835									
//	x	0,04	Cmm	0,002	Span dimension over 3 teeth													
	H	320 ^{+0,04} _{-0,04}	Cmm	320,018		G1	46,9 ⁰ _{-0,03}	Cmm	46,88					Line	Stiffness			
//	h	0,02	Cmm	0,012	↗	g1	0,022	Di	0,02									
	V1	435	Cmm	435,198														
	L1	120	Cmm	119,963	Pinion 2				J842	Torsional stiffness (Nm/arcmin)		1	745,99					
	V2	435	Cmm	435,189	Span dimension over 3 teeth							2	745,99					
	L2	120	Cmm	120,012		G2	46,9 ⁰ _{-0,03}	Cmm	46,885	Radial stiffness (N/µm)		1	1190					
Ø	Q1	35 ^{+0,011} _{-0,005}	Cmm	35,01	↗	g2	0,022	Di	0,02			2	1020					
Ø	Q2	35 ^{+0,011} _{-0,005}	Cmm	35,01	No-load input torque					Noise level								
	J1	/0	Di	-0,02	Line				2 Nm	@1300 rpm input (dB(A))				73,0				
	J2	/0	Di	0,01	Line 2				2 Nm									
	J3	/0	Di	-0,025														

Date: 23/11/2021

Visa: C DE MIRANDA

Version: A



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