

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	KRC MACHINE	CUSTOMER ORDER REF: 34169-00
DISTRIBUTOR:	ANDANTEX INCORPORATED	REDEX ORDER REF: 219246
DESIGNATION:	DRP4+M.31.3.H.35/48	SERIAL NUMBER: 909115
CODE:	RX129702-12	MOTOR FLANGE CODE: RX128583-10

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 909115

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	
					G4765							43								
	E	640	⁰ _{-0,1}	Cmm	639,946		O1	43	Cr	43			Ø	B1	181	µm	180,972			
	G	800	^{+0,2} _{-0,2}	Cmm	800,112		P11	100	Cr	100			Ø	C1	38	^{+0,05} _{+0,025} µm	38,05			
//	g	0,05		Cmm	0,016		P12	100	Cr	100				D1	8	Cr	8,496			
//	t	0,05		Cmm	0,001		M	288	^{+0,1} _{-0,1} Cmm	288,052			Ø	S1	215	Cr	215			
//	u	0,035		Cmm	0,008		O2	43	Cr	43			Ø	Y1	M12	Pg	M12			
//	v	0,05		Cmm	0,003		P21	100	Cr	100										
	W	160		Cmm	159,988	Ø	T	M24	Pg	M24			Ø	B2	181	µm	180,974			
//	w	0,04		Cmm	0,007	OUTPUT PINION						Ø	C2	38	^{+0,05} _{+0,025} µm	38,05				
	X	160		Cmm	160,024	Pinion 1					G4369				D2	8	Cr	8,506		
//	x	0,04		Cmm	0,006	Span dimension over 3 teeth								Ø	S2	215	Cr	215		
	H	320	^{+0,04} _{-0,04}	Cmm	320,013		G1	46,9	⁰ _{-0,03} Cmm	46,89			Ø	Y2	M12	Pg	M12			
//	h	0,02		Cmm	0,012	↗	g1	0,022	Di	0,02						Line	Stiffness			
	A1	404,5		Cmm	405,385	Pinion 2					G4364		Torsional stiffness (Nm/arcmin)	1	745,99					
	L1	120		Cmm	120,108	Span dimension over 3 teeth								2	745,99					
	A2	404,5		Cmm	405,375		G2	46,9	⁰ _{-0,03} Cmm	46,89	Radial stiffness (N/µm)	1	1007							
	L2	120		Cmm	120,099	↗	g2	0,022	Di	0,02		2	1081							
Noise level																				
@1300 rpm input (dB(A))															61,5					
No-load input torque																				
Line 1										1,6 Nm										
Line 2										1,1 Nm										