

KRPX				Page	
Performance sheet		RX183-007-D	1/2		
CUSTOMER:	DMG	CUSTOMER ORDER REF:	151440		
DISTRIBUTOR:		REDEX ORDER REF:	218398		
DESIGNATION:	KRPX2.M1.10D.3.H.35/48	SERIAL NUMBER:	908967		
CODE:	RX135375-03	MOTOR FLANGE CODE:	RX128583-01		

EXTERNAL DIMENSIONS & INTERFACES:

SN: 908967

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	
				G4209									
	Y2	M6x12	Pg	M6x12		L1	60	Cr	60				
Ø	S2	165 ^{+0,1} _{-0,1}	Cr	165		L2	60	Cr	60	Ø	B	181	
	A	295	µm	295,56		J	130	Cr	130	Ø	C	38 ^{+0,05} _{+0,025}	
	E	240	Cr	240		K	11	Cr	11		D	8	
	O	15	Cr	15	2 x 4Ø	Y4	M6x12	Pg	M6x12	Ø	S1	215	
	P1	30	Cr	30		F1	40	Cr	40	Ø	Y1	M12	
	P2	30	Cr	30		F2	24	Cr	24				
	P3	30	Cr	30	2 x 1Ø	Y7	10	µm	10	No-load input torque			
	P4	30	Cr	30	2 x 4Ø	Y6	15,5	µm	15,5	Line 1		2 Nm	
	T	14	Cr	14	2 x 5Ø	Y5	24	µm	24				
	U	26	Cr	26		M H6	10 ^{+0,009} ₀	Cmm	10,002		Line	Stiffness	
2 x 1Ø	Y3	M6x12	Pg	M6x12		N	55 ^{+0,1} _{-0,1}	Cmm	55,008	Torsional stiffness (Nm/arcmin)	1	243,75	
	R	186 ^{+0,2} _{+0,1}	Cmm	186,136	A	W	110 ^{+0,02} _{-0,02}	Cmm	109,989	Radial stiffness (N/µm)	1	546	
⊙	r	0,1	Cmm	0,051	//	w	0,03	/A Cmm	0,006				

OUTPUT PINION				Noise level	
F4901				@1100 rpm input (dB(A))	57,0
Span dimension over 4 teeth					
	G1	44,27 ⁰ _{-0,03}	Cmm	44,245	
	g1	0,022	Di	0,01	

Date: 11/09/2024

Visa: C DE MIRANDA

Version: A

For the installation, please refer to User Manual KRPX (182/010)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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