

KRPX		Page
Performance sheet	RX183-007-D	1/2
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF: 190425IB-1 KARATS PRECISION
DISTRIBUTOR:	S & F INC	REDEX ORDER REF: 214244
DESIGNATION:	KRPX4+M.61.3.H.35/48	SERIAL NUMBER: 903491
CODE:	RX131194-32	MOTOR FLANGE CODE: RX128583-06

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

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX

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KRPX		Page
Performance sheet	RX183-007-D	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 903491

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																	
								B9247																													
		Y2				M8x16		Pg		OK				L1		81		Cr		81				Ø		B		115		µm		114,92					
Ø		S2		234		^{+0,1} -0,1		Cr		234				J		185		Cr		185				Ø		C		35		^{+0,05} ^{+0,025}		µm		35,04			
		A		436		µm		437,4				K		15		Cr		15						D		8		Cr		8,34							
		E		320		Cr		320		2 x 4Ø		Y4		M10x13		Pg		OK				Ø		S1		200		Cr		200							
		O		20		Cr		20				F1		60		Cr		60,48				Ø		Y1		M12		Pg		OK							
		P1		40		Cr		40				F2		30		Cr		30,29				No-load input torque															
		P2		40		Cr		40		2 x 1Ø		Y7		14		µm		14				Line 1				1 Nm											
		P3		40		Cr		40		2 x 4Ø		Y6		22		µm		22																			
		P4		40		Cr		40		2 x 5Ø		Y5		33		µm		32,95																			
		T		20		Cr		20				M H6		15		^{+0,011} 0		Cmm		15,004				Line		Stiffness											
		U		37		Cr		37		⊥		m		0,05		Cmm		0,01				Torsional stiffness (Nm/arcmin)		1		574,81											
2 x 1Ø		Y3		M10x13		Pg		OK				N		72,5		^{+0,1} -0,1		Cmm		72,529				Radial stiffness (N/µm)		1		1026									
		R		255		^{+0,2} ^{+0,1}		Cmm		255,199		A		W		158		^{+0,035} -0,035		Cmm		158,005															
⊙		r		0,1		Cmm		0,017		//		w		0,03		/A		Cmm		0,001																	
OUTPUT PINION														Noise level																							
														L1126				@1300 rpm input (dB(A))										61,0									
Span dimension over 3 teeth																																					
														G1				46,9 ⁰ -0,03				Cmm		46,88													
														g1				0,022				Di		0,01													

Date: 26/08/2019

Visa: C DE MIRANDA

Version: A

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