

KRPX		Page
Performance sheet	RX183-007-D	1/2
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF: 181011IB-1 KARATS PRECISION
DISTRIBUTOR:	S & F INC	REDEX ORDER REF: 213547
DESIGNATION:	KRPX4+M.91.3.H.35/48	SERIAL NUMBER: 903100
CODE:	RX131194-33	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.

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EXTERNAL DIMENSIONS & INTERFACES:		SN: 903100
General tolerance: Js13 Cmm Automatic / manual coordinate-measuring machine µm Micrometer Cr Calliper rule Di Dial indicator Pg Plug gauge		

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	
					B9181			L1	81	Cr	81						
	Y2	M8x16	Pg	M8x16		L2	79	Cr	79		Ø	B	115	µm	115		
Ø	S2	234 ^{+0,1 -0,1}	Cr	234		J	185	Cr	185		Ø	C	35 ^{+0,05 +0,025}	µm	35,05		
	A	436	µm	437,29		K	15	Cr	15			D	8	Cr	8,5		
	E	320	Cr	320	2 x 4Ø	Y4	M10x13	Pg	M10x13		Ø	S1	200	Cr	200		
	O	20	Cr	20		F1	60	Cr	60		Ø	Y1	M12	Pg	M12		
	P1	40	Cr	40		F2	30	Cr	30	No-load input torque							
	P2	40	Cr	40	2 x 1Ø	Y7	14	µm	14								
	P3	40	Cr	40	2 x 4Ø	Y6	22	µm	22	Line 1				1 Nm			
	P4	40	Cr	40	2 x 5Ø	Y5	33	µm	33	Torsional stiffness (Nm/arcmin)						Line	Stiffness
	T	20	Cr	20		M H6	15 ^{+0,011 0}	Cmm	15,011								
	U	37	Cr	37	⊥	m	0,05	Cmm	0,012	Radial stiffness (N/µm)				1	574,81		
2 x 1Ø	Y3	M10x13	Pg	M10x13		N	72,5 ^{+0,1 -0,1}	Cmm	72,434								
	R	255 ^{+0,2 +0,1}	Cmm	255,185	A	W	158 ^{+0,035 -0,035}	Cmm	158,005	1				1175			
⊙	r	0,1	Cmm	0,014	//	w	0,03	/A	Cmm					0,004			

OUTPUT PINION				Noise level	
M2831				@1300 rpm input (dB(A))	61,5
Span dimension over 3 teeth					
	G1	46,9	⁰ _{-0,03} Cmm	46,89	
↗	g1	0,022	Di	0,01	

Date: 05/04/2019

Visa: C DE MIRANDA

Version: A