

KRPX		Page
Performance sheet	RX183-007-D	1/2
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF: 171211IB-1 KARATS PRECISION
DISTRIBUTOR:	S & F INC	REDEX ORDER REF: 212610
DESIGNATION:	KRPX4+M.91.3.H.35/48	SERIAL NUMBER: 901473
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.

KRPX		Page
Performance sheet	RX183-007-D	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 901473

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			
				M7695															
	Y2	M8x16	Pg	OK			L1	81	Cr	81									
Ø	S2	234 ^{+0,1 -0,1}	Cr	234			L2	79	Cr	79		Ø	B	115	µm	115			
	A	436	µm	437.36			J	185	Cr	185		Ø	C	35 ^{+0,05 +0,025}	µm	35.05			
	E	320	Cr	320			K	15	Cr	15			D	8	Cr	8.55			
	O	20	Cr	20		2 x 4Ø	Y4	M10x13	Pg	OK		Ø	S1	200	Cr	200			
	P1	40	Cr	40			F1	60	Cr	60		Ø	Y1	M12	Pg	OK			
	P2	40	Cr	40			F2	30	Cr	30		No-load input torque							
	P3	40	Cr	40		2 x 1Ø	Y7	14	µm	14									
	P4	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									
	T	20	Cr	20			M H6	15 ^{+0,011 0}	Cmm	15.002									
	U	37	Cr	37		⊥	m	0,05	Cmm	0.019		Torsional stiffness (Nm/arcmin)				1	574,81		
2 x 1Ø	Y3	M10x13	Pg	OK			N	72,5 ^{+0,1 -0,1}	Cmm	72.448									
	R	255 ^{+0,2 +0,1}	Cmm	255.138		A	W	158 ^{+0,035 -0,035}	Cmm	158.007		Radial stiffness (N/µm)				1	1028		
⊙	r	0,1	Cmm	0.004		//	w	0,03	/A Cmm	0.017									
OUTPUT PINION										Noise level									
										N1942				@1300 rpm input (dB(A))				62.0	
Span dimension over 3 teeth																			
	G1	46,9 ^{0 -0,03}	Cmm	46.88															
↗	g1	0,022	Di	0.01															

Date: 28/02/2018

Visa: C DE MIRANDA

Version: A