

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:	903492		
CODE:	RX131194-32	MOTOR FLANGE CODE:	RX128583-06		

EXTERNAL DIMENSIONS & INTERFACES:

SN: 903492

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	
		B9244			L1		81	Cr	81				
	Y2	M8x16	Pg	OK		L2	79	Cr	79	Ø	B	115	
Ø	S2	234 ^{+0,1} _{-0,1}	Cr	234		J	185	Cr	185	Ø	C	35 ^{+0,05} _{+0,025}	
	A	436	µm	437,5		K	15	Cr	15		D	8	
	E	320	Cr	320	2 x 4 Ø	Y4	M10x13	Pg	OK	Ø	S1	200	
	O	20	Cr	20		F1	60	Cr	60,5	Ø	Y1	M12	
	P1	40	Cr	40		F2	30	Cr	30,6				
	P2	40	Cr	40	2 x 1 Ø	Y7	14	µm	14	No-load input torque			
	P3	40	Cr	40	2 x 4 Ø	Y6	22	µm	22	Line 1		1 Nm	
	P4	40	Cr	40	2 x 5 Ø	Y5	33	µm	33				
	T	20	Cr	20		M H6	15 ^{+0,011} ₀	Cmm	15,009		Line	Stiffness	
	U	37	Cr	37	⊥	m	0,05	Cmm	0,015	Torsional stiffness (Nm/arcmin)		1	574,81
2 x 1 Ø	Y3	M10x13	Pg	OK		N	72,5 ^{+0,1} _{-0,1}	Cmm	72,508	Radial stiffness (N/µm)		1	1231
	R	255 ^{+0,2} _{+0,1}	Cmm	255,2	A	W	158 ^{+0,035} _{-0,035}	Cmm	158				
⊙	r	0,1	Cmm	0,024	//	w	0,03	/A	Cmm	0,003			

OUTPUT PINION					Noise level	
				L1144	@1300 rpm input (dB(A))	64,5
Span dimension over 3 teeth						
	G1	46,9 ⁰ _{-0,03}	Cmm	46,88		
↗	g1	0,022	Di	0,002		

Date: 26/08/2019

Visa: C DE MIRANDA

Version: A

Product images are for illustrative purposes only.

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