

KRPX				Page	
Performance sheet		RX183-007-D	1/2		
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF:	170915IB-1 KARATS PRECISION		
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	212321		
DESIGNATION:	KRPX4+M.91.3.H.35/48	SERIAL NUMBER:	901044		
CODE:	RX131194-33	MOTOR FLANGE CODE:	RX128583-06		

EXTERNAL DIMENSIONS & INTERFACES:

SN: 901044

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	
		A1127			L1		81	Cr	81				
	Y2	M8x16	Pg	OK		L2	79	Cr	79	∅	B	115	
∅	S2	234	+0,1 -0,1	Cr	234	J	185	Cr	185	∅	C	35	
	A	436		µm	437.52	K	15	Cr	15		D	8	
	E	320		Cr	320	2 x 4 ∅	Y4	M10x13	Pg	OK	∅	S1	
	O	20		Cr	20		F1	60	Cr	60	∅	Y1	
	P1	40		Cr	40		F2	30	Cr	30		M12	
	P2	40		Cr	40	2 x 1 ∅	Y7	14	µm	14	No-load input torque		
	P3	40		Cr	40	2 x 4 ∅	Y6	22	µm	22	Line 1		
	P4	40		Cr	40	2 x 5 ∅	Y5	33	µm	33	0,5 Nm		
	T	20		Cr	20		M H6	15	+0,011 0	Cmm	15,001		
	U	37		Cr	37	⊥	m	0,05	Cmm	0,011			
2 x 1 ∅	Y3	M10x13	Pg	OK			N	72,5	+0,1 -0,1	Cmm	72,488	Torsional stiffness (Nm/arcmin)	
	R	255	+0,2 +0,1	Cmm	255,139	A	W	158	+0,035 -0,035	Cmm	158,008	Radial stiffness (N/µm)	
⊙	r	0,1		Cmm	0,033	//	w	0,03	/A	Cmm	0,006	1	

OUTPUT PINION					Noise level	
				N672	@1300 rpm input (dB(A))	63,0
Span dimension over 3 teeth						
	G1	46,9	0 -0,03	Cmm	46,885	
↗	g1	0,022		Di	0,005	

Date: 13/11/2017

Visa: C DE MIRANDA

Version: A

Product images are for illustrative purposes only.

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