

KRPX				Page	
Performance sheet		RX183-007-D	1/2		
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF:	191009IB-1 KARATS PRECISION		
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	214665		
DESIGNATION:	KRPX4+M.91.3.H.35/48	SERIAL NUMBER:	904163		
CODE:	RX131194-33	MOTOR FLANGE CODE:	RX128583-06		

EXTERNAL DIMENSIONS & INTERFACES:

SN: 904163

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				
				B9363												
	Y2	M8x16	Pg	M8x16		L1	81	Cr	81							
Ø	S2	234 ^{+0,1} _{-0,1}	Cr	234		L2	79	Cr	79	Ø	B	115	µm	115,05		
	A	436	µm	437,64		J	185	Cr	185	Ø	C	35 ^{+0,05} _{+0,025}	µm	35,05		
	E	320	Cr	320	2 x 4 Ø	K	15	Cr	15		D	8	Cr	8,52		
	O	20	Cr	20		F1	60	Cr	60	Ø	S1	200	Cr	200		
	P1	40	Cr	40		F2	30	Cr	30	Ø	Y1	M12	Pg	M12		
	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					0,4 Nm	
	P4	40	Cr	40	2 x 5 Ø	Y5	33	µm	33							
	T	20	Cr	20		M H6	15 ^{+0,011} ₀	Cmm	15,005							
	U	37	Cr	37	⊥	m	0,05	Cmm	0,013							
2 x 1 Ø	Y3	M10x13	Pg	M10x13		N	72,5 ^{+0,1} _{-0,1}	Cmm	72,565	Torsional stiffness (Nm/arcmin)					1	574,81
	R	255 ^{+0,2} _{+0,1}	Cmm	255,165	A	W	158 ^{+0,035} _{-0,035}	Cmm	158,009	Radial stiffness (N/µm)					1	1325
⊙	r	0,1	Cmm	0,02	//	w	0,03	/A	Cmm	0,008						

OUTPUT PINION				Noise level	
L1628				@1300 rpm input (dB(A))	
				62,0	
Span dimension over 3 teeth					
	G1	46,9 ⁰ _{-0,03}	Cmm	46,89	
↗	g1	0,022	Di	0,02	

Date: 11/02/2020

Visa: C DE MIRANDA

Version: A

Product images are for illustrative purposes only.

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