

KRPX				Page	
Performance sheet		RX183-007-D		1/2	
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF:	180209IB-1 KARATS PRECISION		
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	212787		
DESIGNATION:	KRPX4+M.91.3.H.35/48	SERIAL NUMBER:	901676		
CODE:	RX131194-33	MOTOR FLANGE CODE:	RX128583-06		

EXTERNAL DIMENSIONS & INTERFACES:

SN: 901676

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		
		M5452										
	Y2	M8x16	Pg	OK		L1	81	Cr	81			
Ø	S2	234 ^{+0,1} _{-0,1}	Cr	234		L2	79	Cr	79	Ø	B	115
	A	436	µm	436		J	185	Cr	185	Ø	C	35 ^{+0,05} _{+0,025}
	E	320	Cr	320		K	15	Cr	15		D	8
	O	20	Cr	20	2 x 4 Ø	Y4	M10x13	Pg	OK	Ø	S1	200
	P1	40	Cr	40		F1	60	Cr	60	Ø	Y1	M12
	P2	40	Cr	40		F2	30	Cr	30			
	P3	40	Cr	40	2 x 1 Ø	Y7	14	µm	14	No-load input torque		
	P4	40	Cr	40	2 x 4 Ø	Y6	22	µm	22	Line 1		
	T	20	Cr	20	2 x 5 Ø	Y5	33	µm	33	0,8 Nm		
	U	37	Cr	37		M H6	15 ^{+0,011} ₀	Cmm	15.001			
2 x 1 Ø	Y3	M10x13	Pg	OK	⊥	m	0,05	Cmm	0.017	Torsional stiffness (Nm/arcmin)		
	R	255 ^{+0,2} _{+0,1}	Cmm	255.131	A	N	72,5 ^{+0,1} _{-0,1}	Cmm	72.444	Line	Stiffness	
⊙	r	0,1	Cmm	0.016	//	w	0,03	/A	Cmm	0.004	1	574,81
										Radial stiffness (N/µm)		
										1		
										1081		