

KRPX			Page
Performance sheet		RX183-007-D	1/2
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF:	190425IB-3 KARATS PRECISION
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	214246
DESIGNATION:	KRPX4+M.61.3.H.35/48	SERIAL NUMBER:	903495
CODE:	RX131194-32	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:	903495
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	
			B9366			L1	81	Cr	81					
	Y2	M8x16	Pg	M8x16		L2	79	Cr	79	∅	B	115	µm	115
∅	S2	234 ^{+0,1} _{-0,1}	Cr	234		J	185	Cr	185	∅	C	35 ^{+0,05} _{+0,025}	µm	35,05
	A	436	µm	437,4		K	15	Cr	15		D	8	Cr	8,5
	E	320	Cr	320	2 x 4∅	Y4	M10x13	Pg	M10x13	∅	S1	200	Cr	200
	O	20	Cr	20		F1	60	Cr	60	∅	Y1	M12	Pg	M12
	P1	40	Cr	40		F2	30	Cr	30					
	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			1 Nm	
	P4	40	Cr	40	2 x 5∅	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	0,01	Torsional stiffness (Nm/arcmin)		1	574,81	
2 x 1∅	Y3	M10x13	Pg	M10x13		N	72,5 ^{+0,1} _{-0,1}	Cmm	72,519					
	R	255 ^{+0,2} _{+0,1}	Cmm	255,16	A	W	158 ^{+0,035} _{-0,035}	Cmm	158,009	Radial stiffness (N/µm)		1	1353	
⊙	r	0,1	Cmm	0,026	//	w	0,03 /A	Cmm	0,005					

OUTPUT PINION						Noise level			
					L1128		@1300 rpm input (dB(A))		63,0
Span dimension over 3 teeth									
		G1	46,9 ⁰ _{-0,03}	Cmm	46,875				
	↗	g1	0,022	Di	0,01				

Date: 06/09/2019 Visa: C DE MIRANDA

Version: A