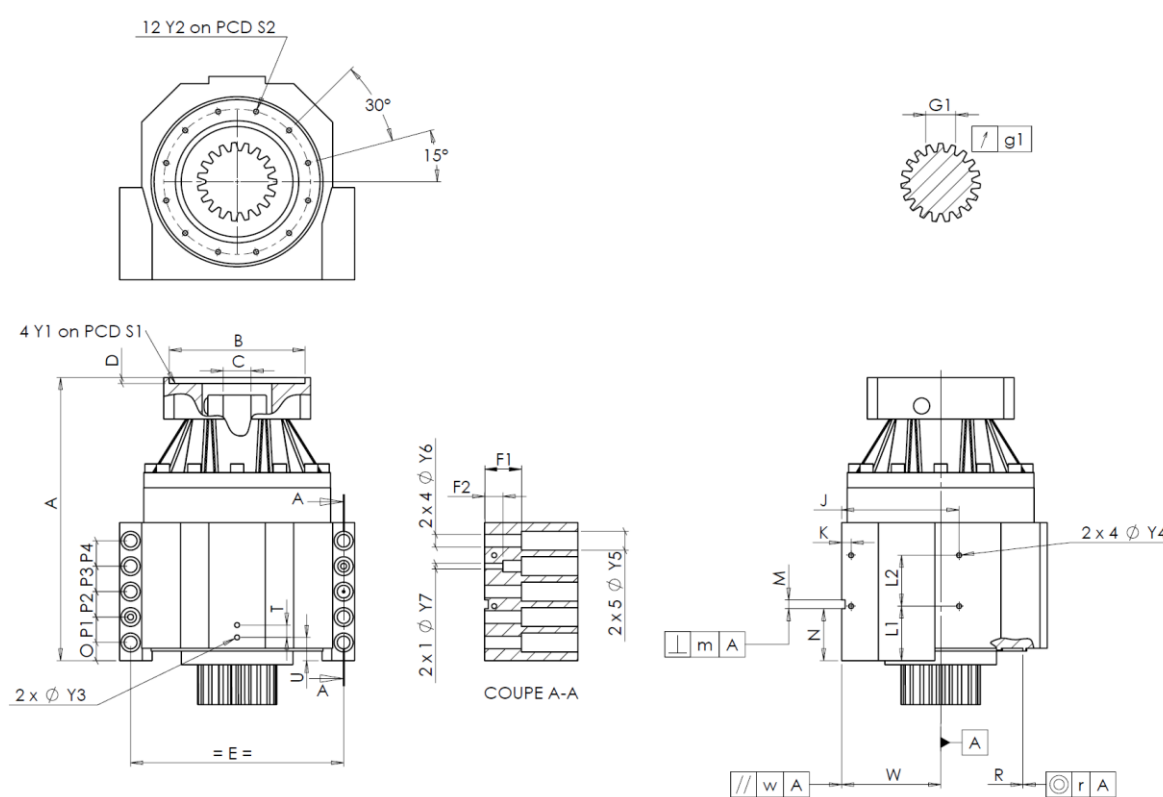


KRPX - SAV - 25/06/2021				Page	
Performance sheet		RX183-007-D		1/2	
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF:	SF210531IB-1 KARATS PRECISION		
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	216083		
DESIGNATION:	KRPX5+M.91.3.H.35/48	SERIAL NUMBER:	904640		
CODE:	RX132056-33 RE206466-00	MOTOR FLANGE CODE:	RX128583-16		

EXTERNAL DIMENSIONS & INTERFACES:

SN: 904640



General tolerance: Js13

Cmm	Automatic / manual coordinate-measuring machine	µm	Micrometer	Cr	Calliper rule	Di	Dial indicator	Pg	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE				
requirement			measure		requirement			measure		requirement			measure	
			B9428		L1 100			Cr 100						
	Y2	M10x20	Pg	M10x20		L2 90	Cr 90			Ø	B 116	µm	116	
Ø	S2	265 ^{+0,1} _{-0,1}	Cr	265		J 210	Cr 210			Ø	C T38	µm	T38	
	A	511	µm	512		K 20	Cr 20				D 8	Cr	8,59	
	E	420	Cr	420	2 x 4 Ø	Y4 M12x20	Pg M12x20			Ø	S1 200	Cr	200	
	O	33	Cr	33		F1 70	Cr 70,1			Ø	Y1 M12	Pg	M12	
	P1	45	Cr	45		F2 35	Cr 33 *							
	P2	45	Cr	45	2 x 1 Ø	Y7 14	µm 14		No-load input torque					
	P3	45	Cr	45	2 x 4 Ø	Y6 26	µm 26		Line 1			0,7 Nm		
	P4	45	Cr	45	2 x 5 Ø	Y5 39	µm 39							
	T	25	Cr	25		M H6 16 ^{+0,011} ₀	Cmm 16,002					Line	Stiffness	
	U	40	Cr	40	⊥	m 0,05	Cmm 0,006		Torsional stiffness (Nm/arcmin)			1	1076,47	
2 x 1 Ø	Y3	M12x20	Pg	M12x20		N 92,5 ^{+0,1} _{-0,1}	Cmm 92,491		Radial stiffness (N/µm)			1	1213	
	R	290 ^{+0,2} _{+0,1}	Cmm	290,133	A	W 180 ^{+0,05} _{-0,05}	Cmm 180,009							
⊙	r	0,1	Cmm	0,012	//	w 0,05	/A	Cmm 0,008						

OUTPUT PINION				Noise level	
K1174				@1000 rpm input (dB(A)) 59,5	
Span dimension over 3 teeth					
	G1	62,97 ⁰ _{-0,05}	Cmm	62,94	
↗	g1	0,03	Di	0,02	

Date: 17/06/2021

Visa: C DE MIRANDA

Version: A

For the installation, please refer to User Manual KRPX (182/010)

SPECIFIC REMARKS:
* accepted

Product images are for illustrative purposes only.

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