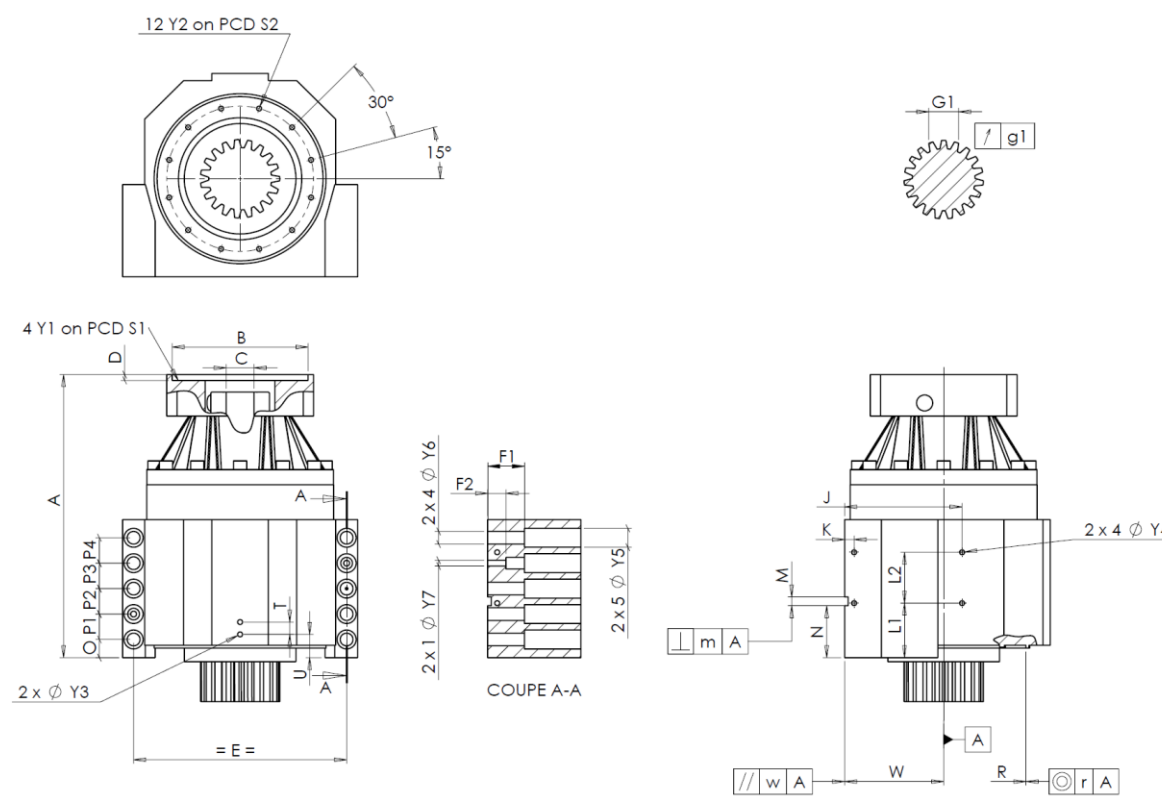


KRPX				Page	
Performance sheet		RX183-007-D		1/2	
CUSTOMER:	KARATS PRECISION	CUSTOMER ORDER REF:	180209IB-1 KARATS PRECISION		
DISTRIBUTOR:	S & F INC	REDEX ORDER REF:	212787		
DESIGNATION:	KRPX4+M.91.3.H.35/48	SERIAL NUMBER:	901675		
CODE:	RX131194-33	MOTOR FLANGE CODE:	RX128583-06		

EXTERNAL DIMENSIONS & INTERFACES:

SN: 901675



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				
					M7697														
	Y2	M8x16	<i>Pg</i>	OK		L1	81	<i>Cr</i>	81		Ø	B	115	μm	115.01				
Ø	S2	234 ^{+0,1} _{-0,1}	<i>Cr</i>	234		J	185	<i>Cr</i>	185		Ø	C	35 ^{+0,05} _{+0,025}	μm	35.05				
	A	436	μm	437.4		K	15	<i>Cr</i>	15			D	8	<i>Cr</i>	8.52				
	E	320	<i>Cr</i>	320	2 x 4 Ø	Y4	M10x13	<i>Pg</i>	OK		Ø	S1	200	<i>Cr</i>	200				
	O	20	<i>Cr</i>	20		F1	60	<i>Cr</i>	60		Ø	Y1	M12	<i>Pg</i>	OK				
	P1	40	<i>Cr</i>	40		F2	30	<i>Cr</i>	30	No-load input torque									
	P2	40	<i>Cr</i>	40	2 x 1 Ø	Y7	14	μm	14							Line 1		0,8 Nm	
	P3	40	<i>Cr</i>	40	2 x 4 Ø	Y6	22	μm	22	Line Stiffness									
	P4	40	<i>Cr</i>	40	2 x 5 Ø	Y5	33	μm	33							Torsional stiffness (Nm/arcmin)		1	574,81
2 x 1 Ø	Y3	M10x13	<i>Pg</i>	OK		N	72,5 ^{+0,1} _{-0,1}	<i>Cmm</i>	72.465	Radial stiffness (N/ μm)		1	1106						
◎	R	255 ^{+0,2} _{+0,1}	<i>Cmm</i>	255.138	A	W	158 ^{+0,035} _{-0,035}	<i>Cmm</i>	158.006	OUTPUT PINION Noise level									
	r	0,1	<i>Cmm</i>	0.025	//	w	0,03	/A	<i>Cmm</i> 0.008						@1300 rpm input (dB(A))		66.5		
					Span dimension over 3 teeth														
					G1	46,9 ⁰ _{-0,03}	<i>Cmm</i>	46.875											
					g1	0,022	<i>Di</i>	0.01											

Date: 06/04/2018 Visa: C DE MIRANDA

Version: A

Product images are for illustrative purposes only.

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