

KRPX

Performance sheet

RX183-007-D

1/2

CUSTOMER: KARATS PRESION

CUSTOMER ORDER REF: 210428IB-1 KARATS PRESION

DISTRIBUTOR: S & F Inc

REDEX ORDER REF: 215956

DESIGNATION: KRPX5+M.91.3.H.35/48

SERIAL NUMBER: 905290

CODE: RX132056-33

MOTOR FLANGE CODE: RX128583-16

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

SPECIFIC REMARKS:

** adaptator part with deferred delivery

Product images are for illustrative purposes only.

REDEX

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KRPX

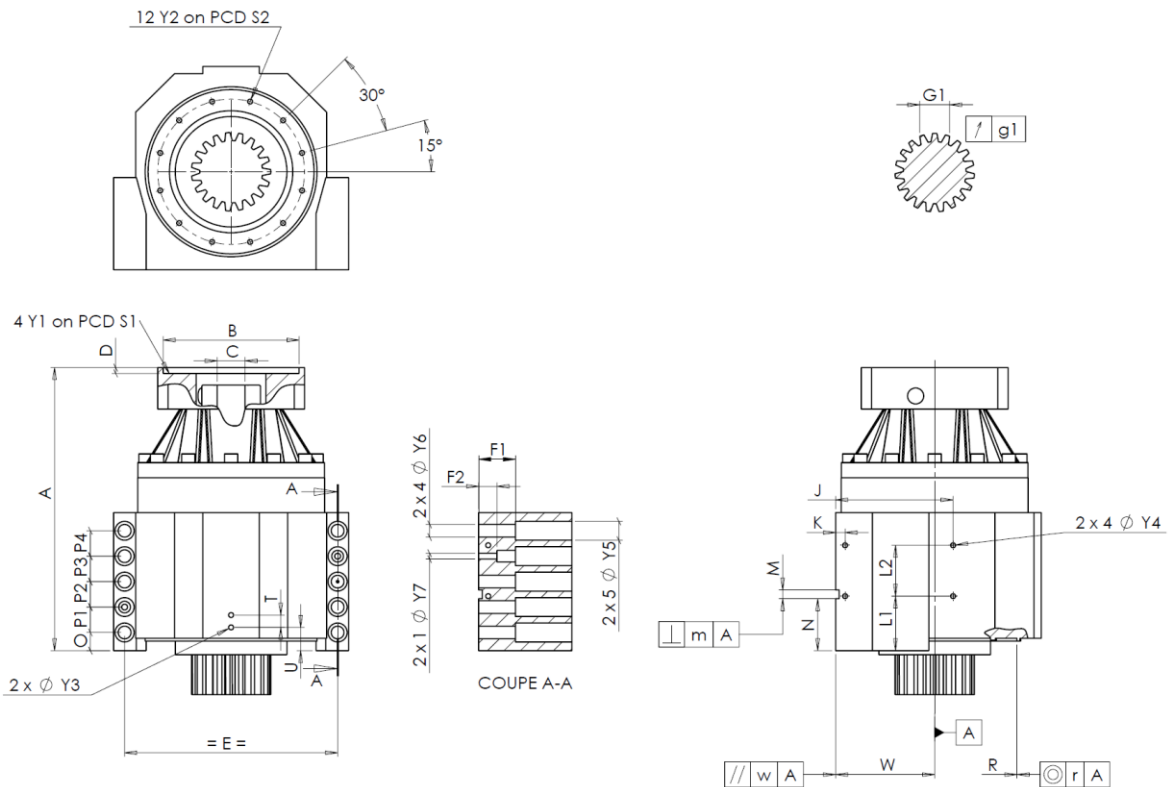
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EXTERNAL DIMENSIONS & INTERFACES:

SN: 905290



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				
			D1731	L1			100	Cr	99,8						
	Y2	M10x20	Pg	M10x20		L2	90	Cr	89,87	Ø	B	116	µm	116	
Ø	S2	265	+0,1 -0,1	Cr	265		J	210	Cr	210	Ø	C	T38	µm	**
	A	511		µm	511,74		K	20	Cr	20		D	8	Cr	8,64
	E	420		Cr	420	2 x 4Ø	Y4	M12x20	Pg	M12x20	Ø	S1	200	Cr	200
	O	33		Cr	33,01		F1	70	Cr	71,5	Ø	Y1	M12	Pg	M12
	P1	45		Cr	44,98		F2	35	Cr	35					
	P2	45		Cr	45,01	2 x 1Ø	Y7	14	µm	14	No-load input torque				
	P3	45		Cr	45	2 x 4Ø	Y6	26	µm	26	Line 1		1,2 Nm		
	P4	45		Cr	45,05	2 x 5Ø	Y5	39	µm	39					
	T	25		Cr	24,91		M H6	16	+0,011 0	Cmm	16,009			Line	Stiffness
	U	40		Cr	40,04	⊥	m	0,05		Cmm	0,017	Torsional stiffness (Nm/arcmin)		1	1076,47
2 x 1Ø	Y3	M12x20	Pg	M12x20			N	92,5	+0,1 -0,1	Cmm	92,508	Radial stiffness (N/µm)		1	1285
	R	290	+0,2 +0,1	Cmm	290,178	A	W	180	+0,05 -0,05	Cmm	180,022				
⊙	r	0,1		Cmm	0,053	//	w	0,05	/A	Cmm	0,008				

OUTPUT PINION

K1170

Noise level

@1000 rpm input (dB(A))

60,5

Span dimension over 3 teeth

G1

62,97

0
-0,05

Cmm

62,94

g1

0,03

Di

0,02

Date: 05/08/2021

Visa: P VASLIER

Version: A

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