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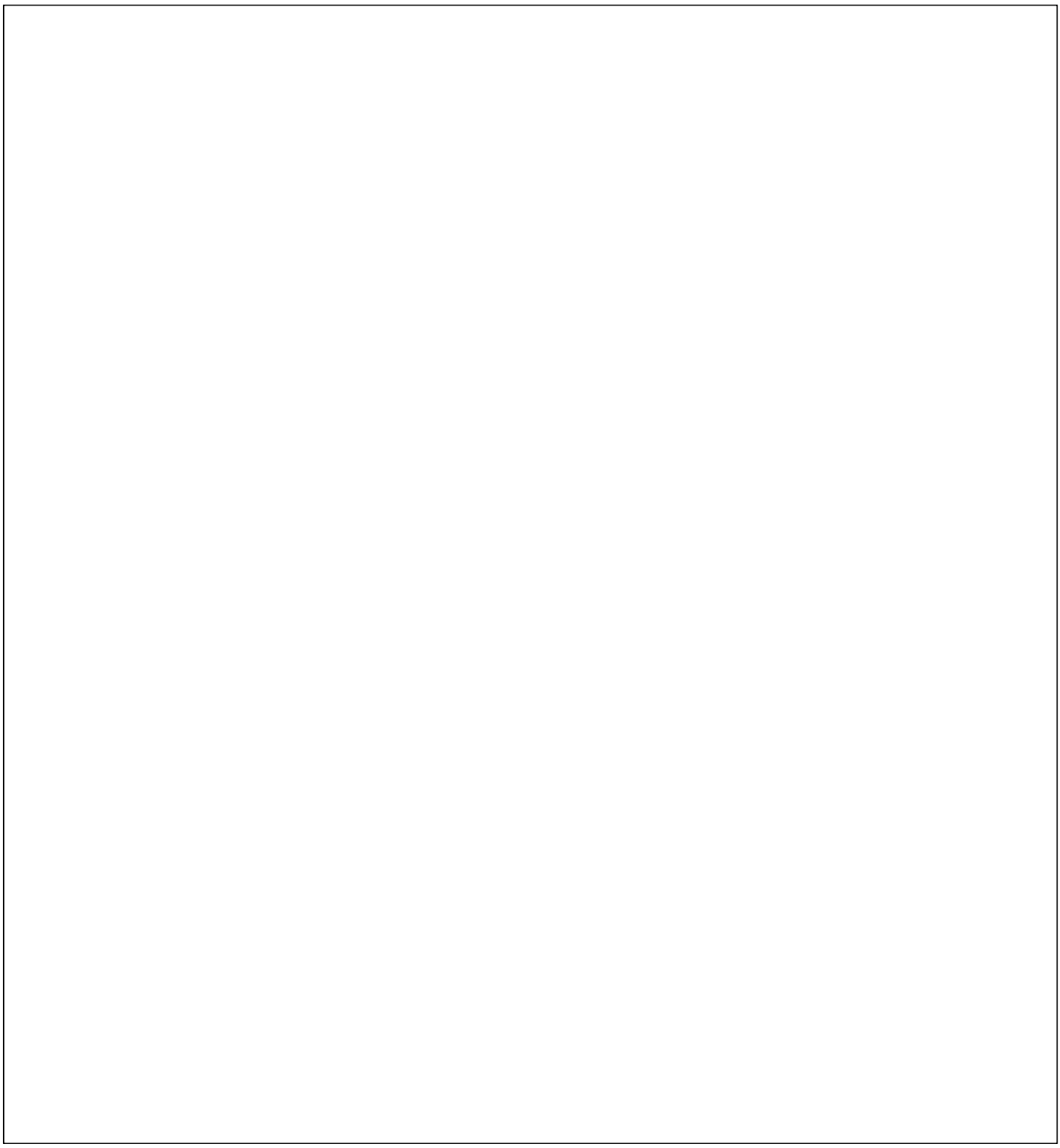


1 1
2 3
2.1 3
2.2 4
2.3 5
2.4 6
3 7
3.1 7
3.2 10
4 12
4.1 12
4.2 12
4.3 14
4.3 14
4.4 15
4.5 15
5 16
5.1 16
5.2 16
5.3 16
6 17

1





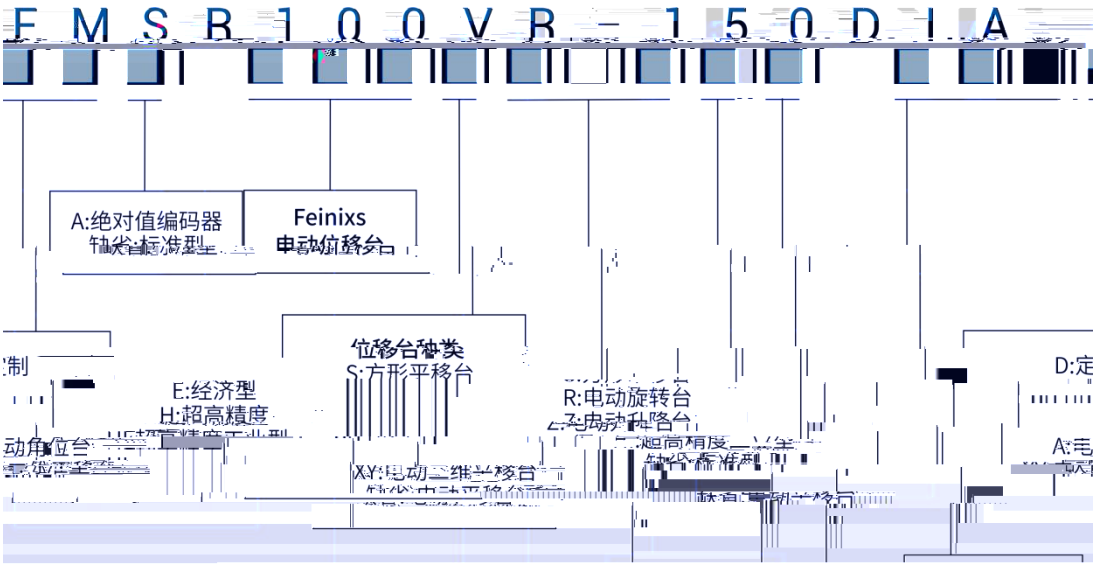


DKQ/2.A+/..

FMS140C

FMS140C ,ü & EDÐô

2.2



: FMS140C-100 + 140mm+ + +
100mm

2.4

Feinixs

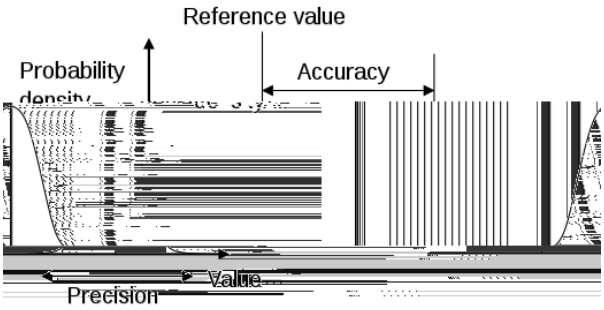
FMS140C-100 “2.2 ”

20201201001 2020.012.01

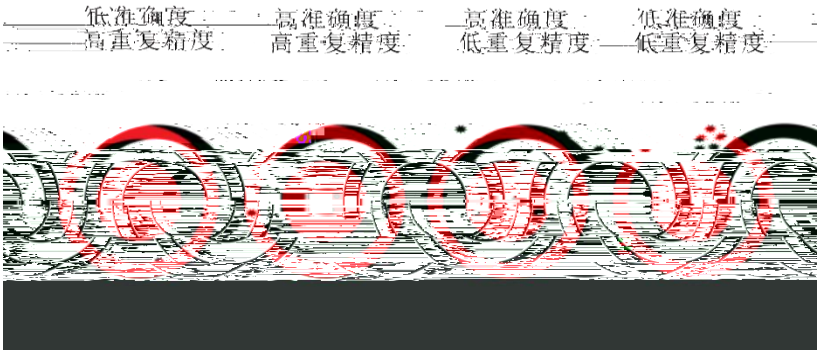
001

3

3.1



6



1.

1

1

- -

Pitch Yaw

2

XYZ X

Z Y

X (Roll) Y

(Pitch Z (Yaw) 2(a)

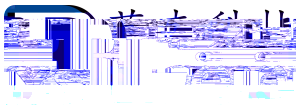
X Y Z

Y Y Z

Y (Straightness Z

(Flatness) 2

2.



3.2

Model	FMS140C-100
Travel(mm)	100
Load Capacity(Kg)[1]	10
Resolution(μm)	0.05
Min.Incremental Motion(μm)[2]	0.3
Undirection / Repeatability[3]/Guaranteed(μm)[4]	±0.5 or 1
Undirection / Repeatability/Typical(μm)	±0.3 or 0.6
Bi-Directional / Repeatability/Guaranteed(μm)	±1 or 2
Bi-Directional / Repeatability/Typical(μm)	±0.5 or 1
/ Accuracy[3]/Guaranteed(μm)	±2 or 4
/ Accuracy/Typical(μm)	±0.5 or 1
Max.Speed(mm/s)[5]	100
Straightness(μm)	6
Flatness(μm)	6
Yaw(arcsec)	15
Pitch(arcsec)	15
Continuous Force(N)	17.6
Peak Force(N)	88
Weight(kg)	3.6

[1]
[2]

[3]
GB/T17421-2000
[4]
[5]

4

4.1

4.1.1

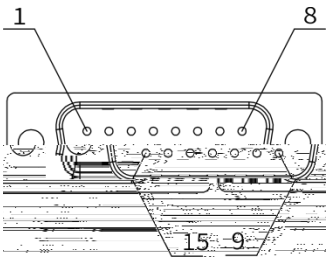
4.1.2

4.1.3

4.1.4

4.2

Motor wiring diagram



DB15

1	U	U
2	/	/
3	V	V
4	/	/
5	W	W 5 ı

Encoder wiring diagram

1	5V+	5V
2	0V	0V
3	SD+/PS+	
4	SD-/PS-	
5	A+ CLK+/MA+	A+ +
6	A- CLK-/MA-	A- -
7	B+ DATA+/SLO+	B+ +
8	B- DATA-/SLO-	B- -
9	Z+	Z+
10	Z-	Z-
11	HA	HA
12	HB	HB
13	HC	HC
14	5V+	5V
15	0V	0V
16	SIN+	SIN+
17	SIN-	SIN-
18	COS+	COS+
19	COS-	COS-
20	REF+	Ref+
21	REF-	Ref-
22	24V+	24V+
23	Limit-	
24	limit+	
25	24V-	24V-

DB25

4.3

Model FMSS140C-100

(°)

/

5

5.1

5.1.1 3 1

5.1.2

5.2

5.2.1

5.2.2

5.2.3

5.2.4

5.2.5

5.2.6

5.3

6

6.1

A

B

C

D

E

F

6.2

6.3

6.4

6.5

6.6

6.7

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