

Npmbsar Glqrpsargml K_ls_j

D



20

1

2

FMSR-DA 120-400mm

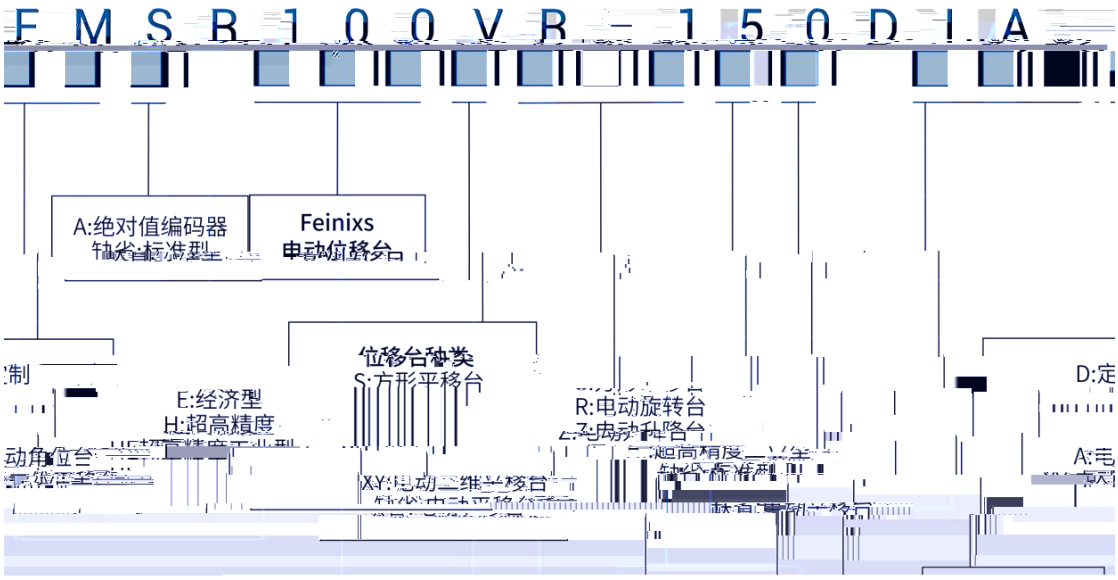
CT

FMSR-DA Biss-C

FMSR-D FMSR-DA

M

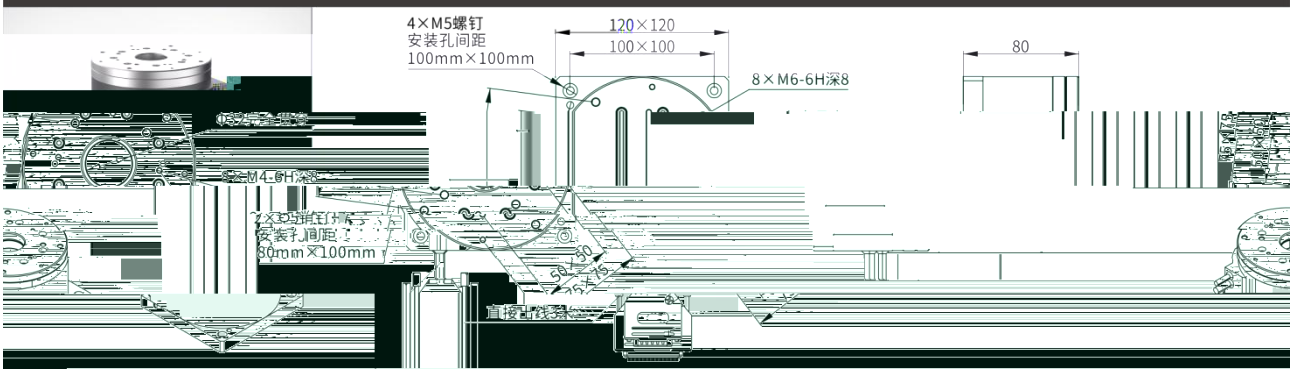
2.2



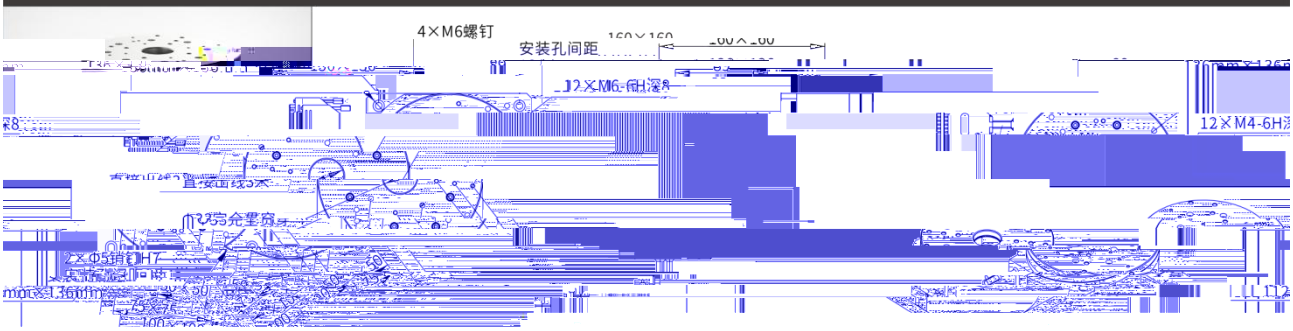
: FMSR160DA + 160mm+

2.3

FMSR120DA

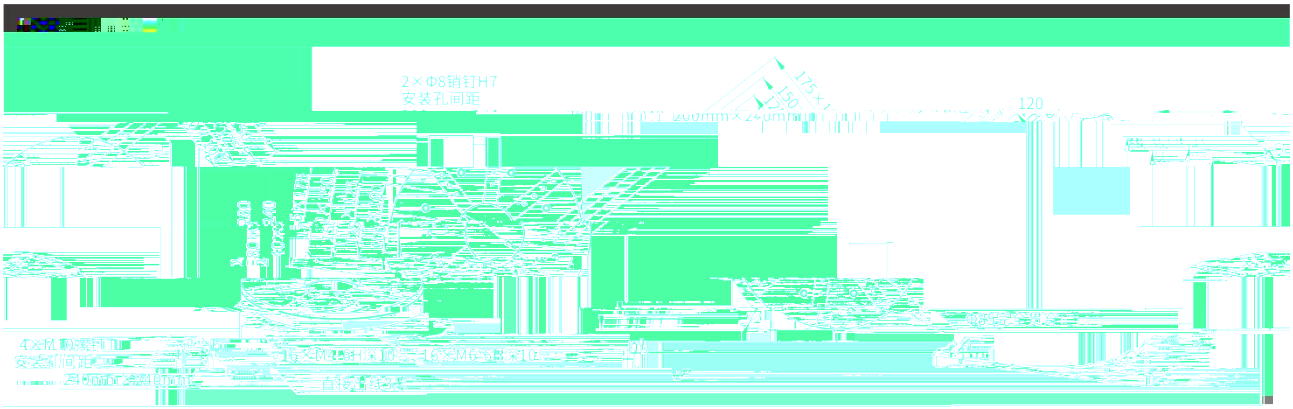


FMSR160DA



FMSR200DA

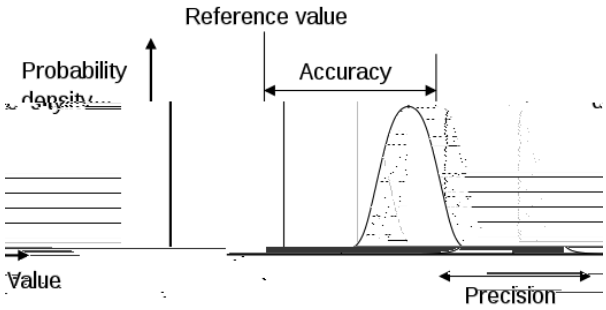




2.4

3

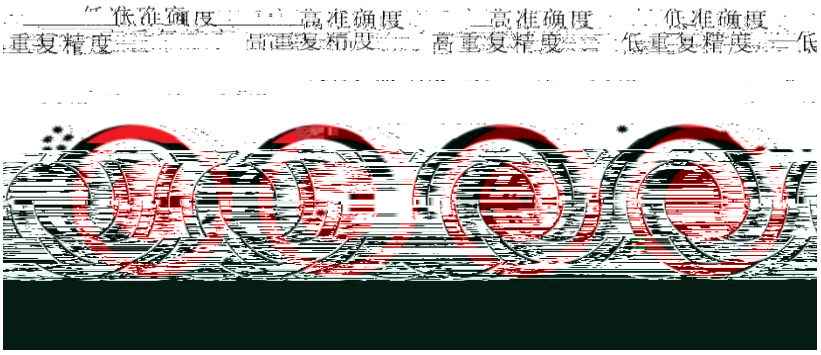
3.1



Feinixs

1

Feinixs



1.

1

1

- - - -

Y Y Z

Y (Straightness Z

(Flatness) 2

2.

3.2

Model	FMSR120DA	FMSR160DA	FMSR200DA
Travel(°)	360	360	360
Load Capacity(Kg)[1]	30	50	70
Load Capacity(Inverted/Wall Mounting)(Kg)[1]	8	15	20
Resolution(°)	0.0005	0.0005	0.0005
Min.Incremental Motion(°)[2]	0.001	0.001	0.001
Undirection Repeatability[3]/Guaranteed(°)[4]	±0.002 or 0.004	±0.002 or 0.004	±0.002 or 0.004
Undirection Repeatability/Typical(°)	±0.001 or 0.002	±0.001 or 0.02	±0.001 or 0.02
Bi-Directional Repeatability/Guaranteed(°)	±0.003 or 0.006	±0.003 or 0.006	±0.003 or 0.006
Bi-Directional Repeatability/Typical(°)	±0.002 or 0.002	±0.002 or 0.004	±0.002 or 0.004
Accuracy[3]/Guaranteed(°)	±0.005 or 0.01	±0.005 or 0.01	±0.005 or 0.01
Accuracy/Typical(°)	±0.003 or 0.006	±0.003 or 0.006	±0.003 or 0.006
Max.Speed(°/s)[5]	4800	2880	2080
Face Runout/Guaranteed(μm)	10	10	10
Radial Runout/Guaranteed(μm)	10	10	10
Weight(kg)	4	7	11

[1]

[2]

[3]

GB/T17421-2000

[4]

[5]

Model	FMSR280DA	FMSR400DA

4

4.1

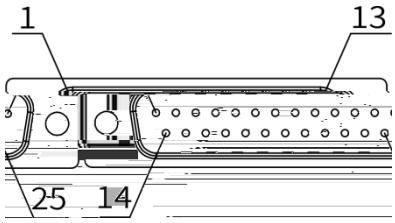
4.1.1

4.1.2

4.1.3



Encoder wiring diagram



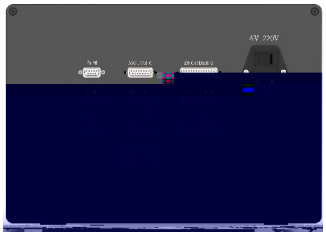
DB25

1	5V+			5V
2	0V			0V
3	SD+/PS+			
4	SD-/PS-			
5	A+ DATA+		A+	+
6	A- DATA-		A-	-
7	B+ CLK+		B+	+)
8	B- CLK-		B-	-)
9	Z+		Z+	
10	Z-		Z-	
11	HA		HA	
12	HB		HB	
13	HC		HC	
14	5V+			5V
15	0V			0V
16	/	/	/	
17	/	/	/	
18	/	/	/	



4.3

Model	FMSR120DA	FMSR160DA	FMSR200DA	FMSR280DA	FMSR400DA
(°)			DD		
/			1		
A	1.1	1.6	2	2.3	7
A	3.9	5.8	7.2	8	25
Ohm	15.2	14.9	13	17.5	3.5
(mH)	47.7	92.1	121	194	74
/ (Nm/A-rms)	3.0	5.8	9.4	22.2	35.8
	0.00118	0.00415	0.0114	0.06	0.515
(2P)	14	14	14	28	28
			BISS-C 23Bit		
&			DB15( )&DB25		

FMC04-H	

4.6

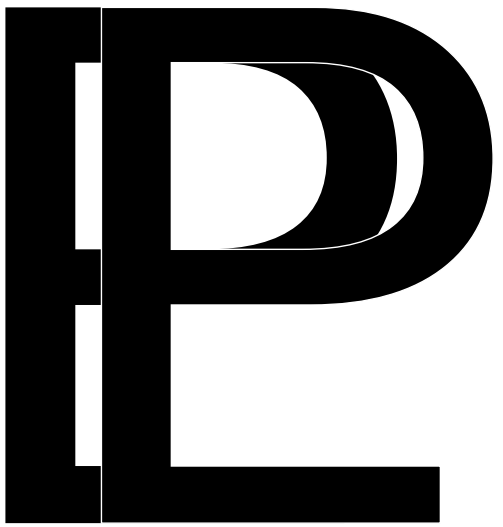
4.6.1

4.6.2

4.6.3 FMC04



5.2



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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