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DKQ/4

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
4.4 14
4.5 15
4.6 15
5 16
5.1 16
5.2 16
5.3 16
6 17

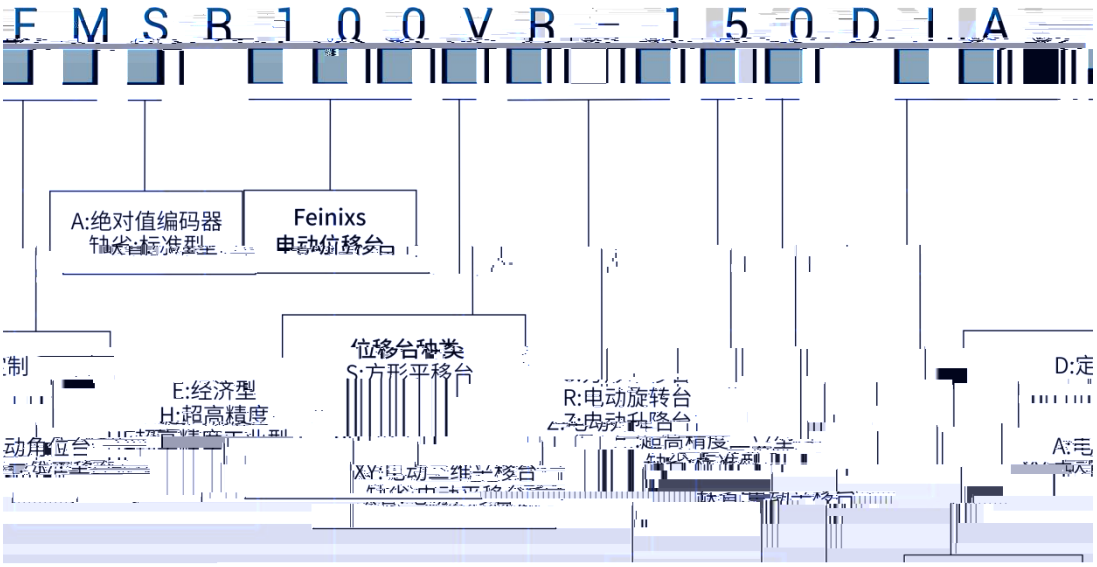


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DKQ/43X+

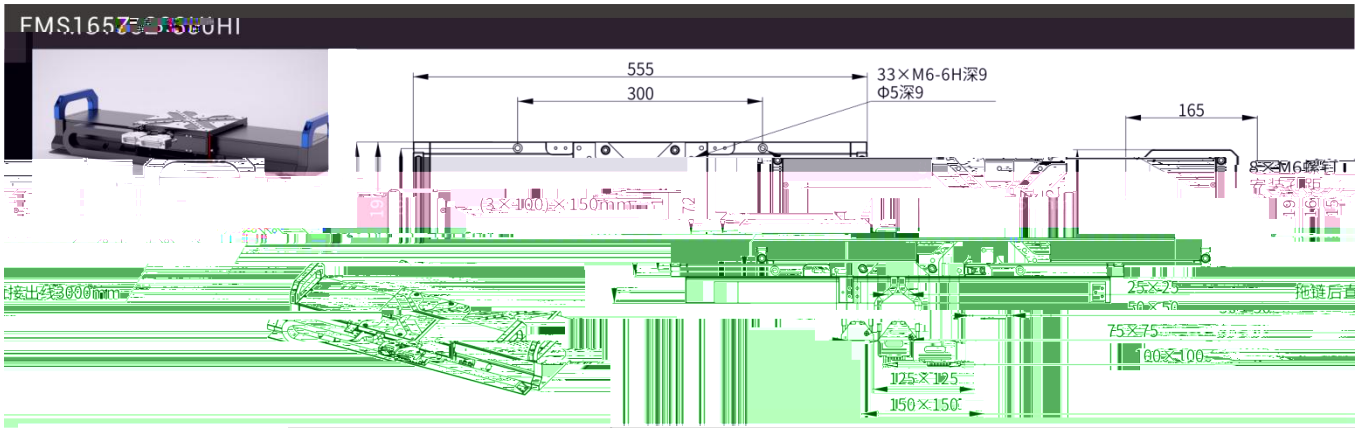
2.2



: FMS165Z-100HI + 165mm+ + + 100mm+

2.3



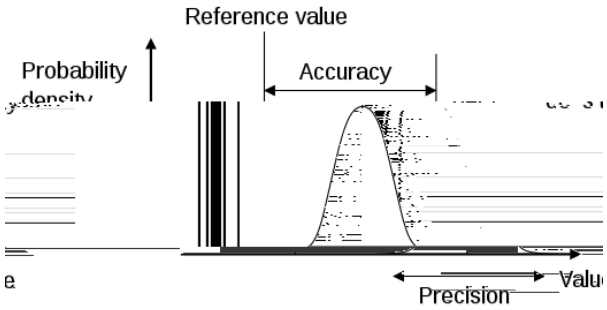


2.4

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3

3.1



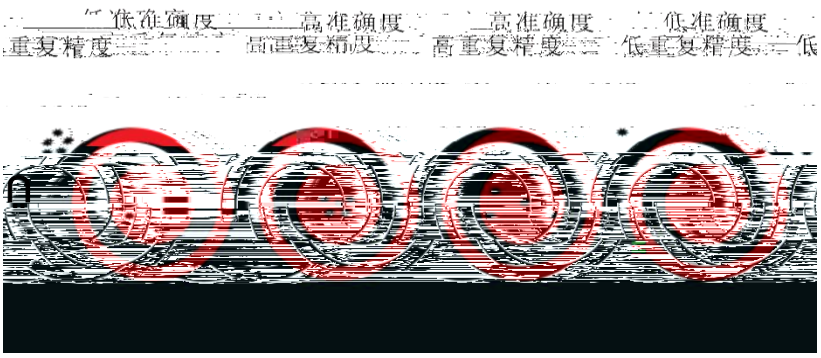
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1.

1

1

Pitch Yaw

Y Y Z

Y (Straightness Z

(Flatness) 2

2.

3.2

Model	FMS165Z -100HI	FMS165Z -200HI	FMS165Z -300HI
Travel(mm)	100	200	300
Load Capacity(Kg)[1]	20	20	20
Resolution(μm)	0.05	0.05	0.05
Min.Incremental Motion(μm)[2]	0.1	0.1	0.1
Undirection Repeatability[3]/Guaranteed(μm)[4]	±0.2 or 0.4	±0.2 or 0.4	±0.2 or 0.4
Undirection Repeatability/Typical(μ			

[1]
[2]

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

4

4.1

4.1.1

4.1.2

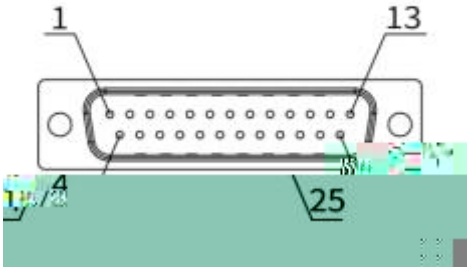
4.1.3

4.1.4

4.2

Motor wiring diagram			
DB15			
	1	U	U
	2	/	/
	3	V	V
	4	/	/
	5	W	W
	6	/	/
	7	PE	
	8	/	/
	9-15	/	/

Encoder wiring diagram



DB25

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	/	/
15	/	/
16	/	/
17	/	/
18	/	/
19	/	/
20	/	/
21	/	/
22	24V+	24V+
23	Limit-	
24	Limit+	
25	0V	0V



4.3

Model	FMS165Z-100HI	FMS165Z-200HI	FMS165Z-300HI
(°)			
/		1mm	
A		1.6	
A		8	
Ohm		12.82	
mH		3	
/ Nm/A-rms		22	
mm		30	
		0.05μm	
&		DBZ5	

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4.5

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

		0

DKQ/43X+FG

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