

# Npmbsar Glqrpsargml K_ls_j

[redacted]

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 13
4.4 13
4.5 14
4.6 15
5 16
5.1 16
5.2 16
5.3 16
6 17

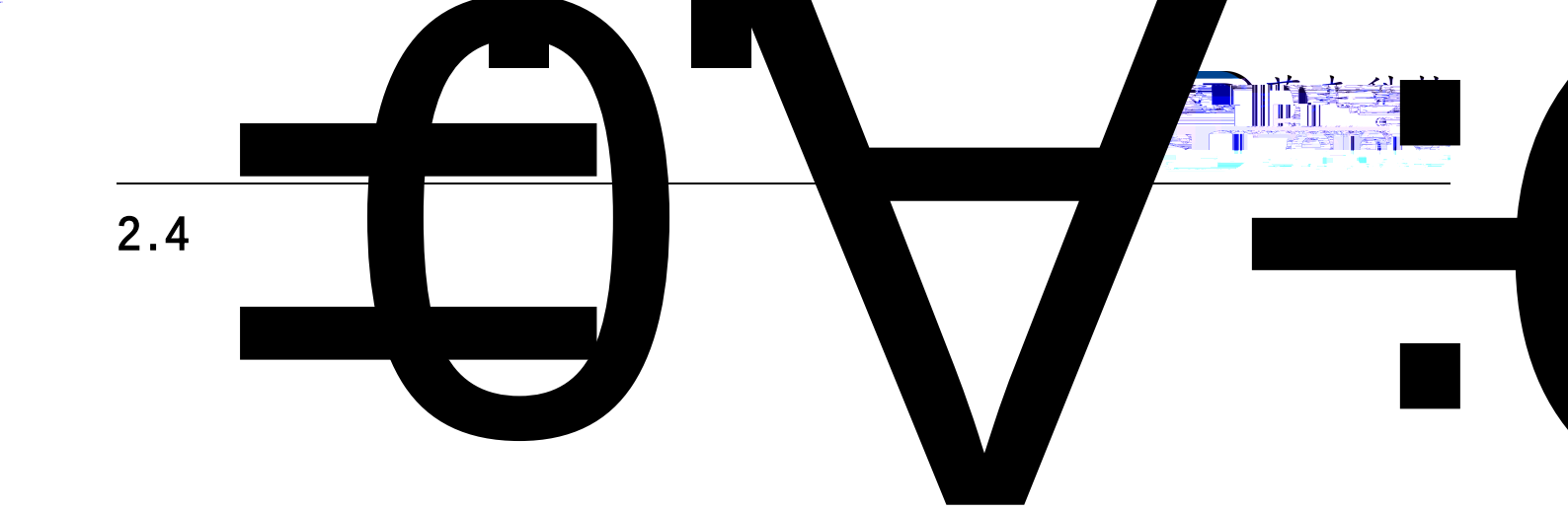
# 1





# 2

FMSXY 0-50mm

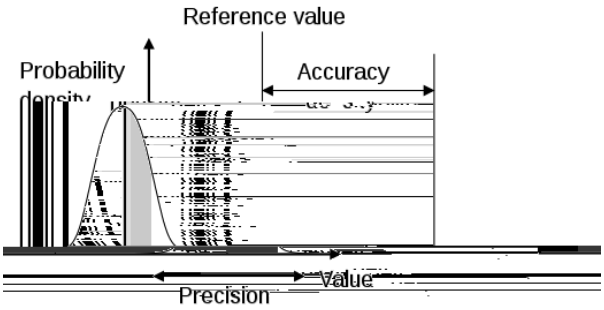


## 2.4

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# 3

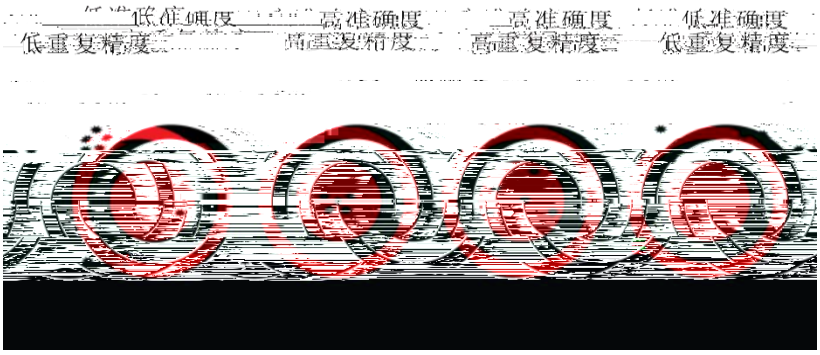
## 3.1




Feinixs

1

Feinixs




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 | FMSXY100 -20-20 | FMSXY120 -25-25 | FMSXY150 -50-50 | FMSXY200 -100-100 |
|---|---|---|---|---|
| Travel(mm) | 20(XY) | 25(XY) | 50(XY) | 100(XY) |
| Load Capacity(Kg)[1] | 2 | 2 | 5 | 5 |
| Resolution(μm) | 0.625 | 0.625 | 0.625 | 0.625 |
| Min.Incremental Motion(μm)[2] | 1 | 1 | 1 | 1 |
| Undirection Repeatability[3]/Guaranteed(μm)[4] | ±2 or 4 | ±2 or 4 | ±2 or 4 | ±2 or 4 |
| Undirection Repeatability/Typical(μm) | ±1 or 2 | ±1 or 2 | ±1 or 2 | ±1 or 2 |
| Bi-Directional Repeatability/Guaranteed(μm) | ±4 or 8 | ±4 or 8 | ±4 or 8 | ±4 or 8 |
| Bi-Directional Repeatability/Typical(μm) | ±2 or 4 | ±2 or 4 | ±2 or 4 | ±2 or 4 |
| Accuracy[3]/Guaranteed(μm) | ±20 or 40 | ±20 or 40 | ±20 or 40 | ±20 or 40 |
| Accuracy/Typical(μm) | ±10 or 20 | ±10 or 20 | ±10 or 20 | ±10 or 20 |
| Max.Speed(mm/s)[5] | 5 | 5 | 5 | 5 |
| Straightness(μm) | 20 | 20 | 20 | 20 |
| Flatness(μm) | 20 | 20 | 20 | 20 |
| Yaw(arcsec) | 30 | 30 | 35 | 35 |
| Pitch(arcsec) | 30 | 30 | 35 | 35 |
| Weight(kg) | 1.2 | 2.3 | 3.2 | 7 |

[1] 60kg

[2]

[3] GB/T17421-2000

[4]

[5] 50mm/s,

50mm/s

# 4

## 4.1

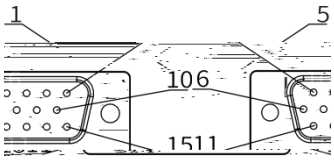
### 4.1.1

### 4.1.2

### 4.1.3

### 4.1.4

## 4.2

| Electric wiring diagram | | | | |
|---|---|---|---|---|
|  DB15-VGA | | | | |
| | 1 | 24V+ | | DC24V |
| | 2 | Limit- | | , 3 |
| | 3 | Zero | | 2 |
| | 4 | Limit+ | | |
| | 5 | 24V- | | DC24V |
| | 6 | A+ | | A+ |
| | 7 | A- | | A- |
| | 8 | B+ | | B+ |
| | 9 | B- | | B- |
| | 10-15 | / | / | / |

3000mm XY

# 4.

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# 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 |
| | | |
| | | |
| | | |
| | | |
| | | |

# 6

6.1

A

B

C

D

E

F

6.2

6.3

6.4

6.5

6.6

6.7

:  111
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