

[redacted]

Npmbsar Glqrpsargml K_ls_j

[redacted]



1 `H Ɛ 1
2 ¸ ჟ 3
2.1 ¸ ჟ 3
2.2 ر ` لختم o 4
2.3 ¸ ჟ بمه 5
2.4 ¸ ჟ Δ ` 6
3 ΐ 7
3.1 ΐ Ɱ 7
3.2 ¸ ჟ ΐ 10
4 ғ 12
4.1 !! 12
4.2 Ɱ 13
4.3 14
4.4 14
4.5 ¸ ჟ 15
5 Ɱ 16
5.1 16
5.2 Ɛ 16
5.3 16
6 ڤ u ۔ 17

1 ˋH Ɛ

ҷ Ё ą ˙ ˋH Ї Ё ą Ї ˙ ˋH Ɛ ɾ







Ї ˋl Ъ ɬ

ѕ ɬ ą ˛ ҙ Ж

Ѕ ˛ ҙ Ж

r ˆ ˋY ɬˆ 36VDC Ї r ˆ ˋH Ё غي Ж

r ˆ ˋY ɬ F D Ї Ґ⅓ Ї u ɬ

ɬ ɬ ɬ ˜ ˙ ғ Ж

Ж

r ˆ ˆ Ї Ґ⅓ Ї Ґ ˋH u ˙

ғ Ж

r ˆ Л Ű˙ ˋH Ї ˙ ˋH Ж

r ˆ ˆ ѕ Ї ˋH ɾ

Ғ II ɒ Їˆ D Ç N ɾ

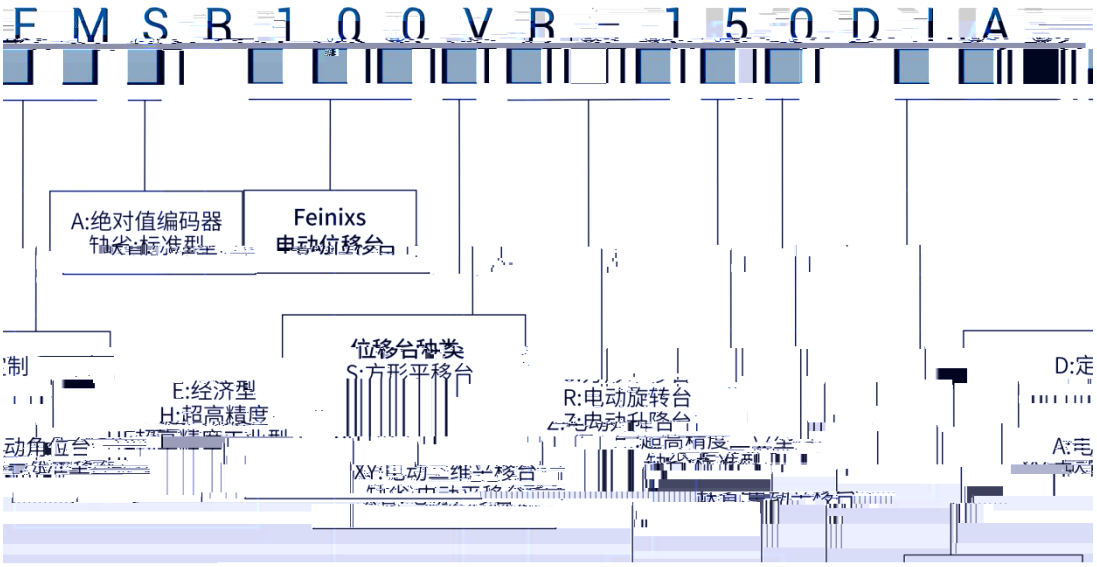


2 ¸ ¾

FMSZ140C Δ ϒ ˆ Л ﻩ 0ль100㎜ Ă ſ

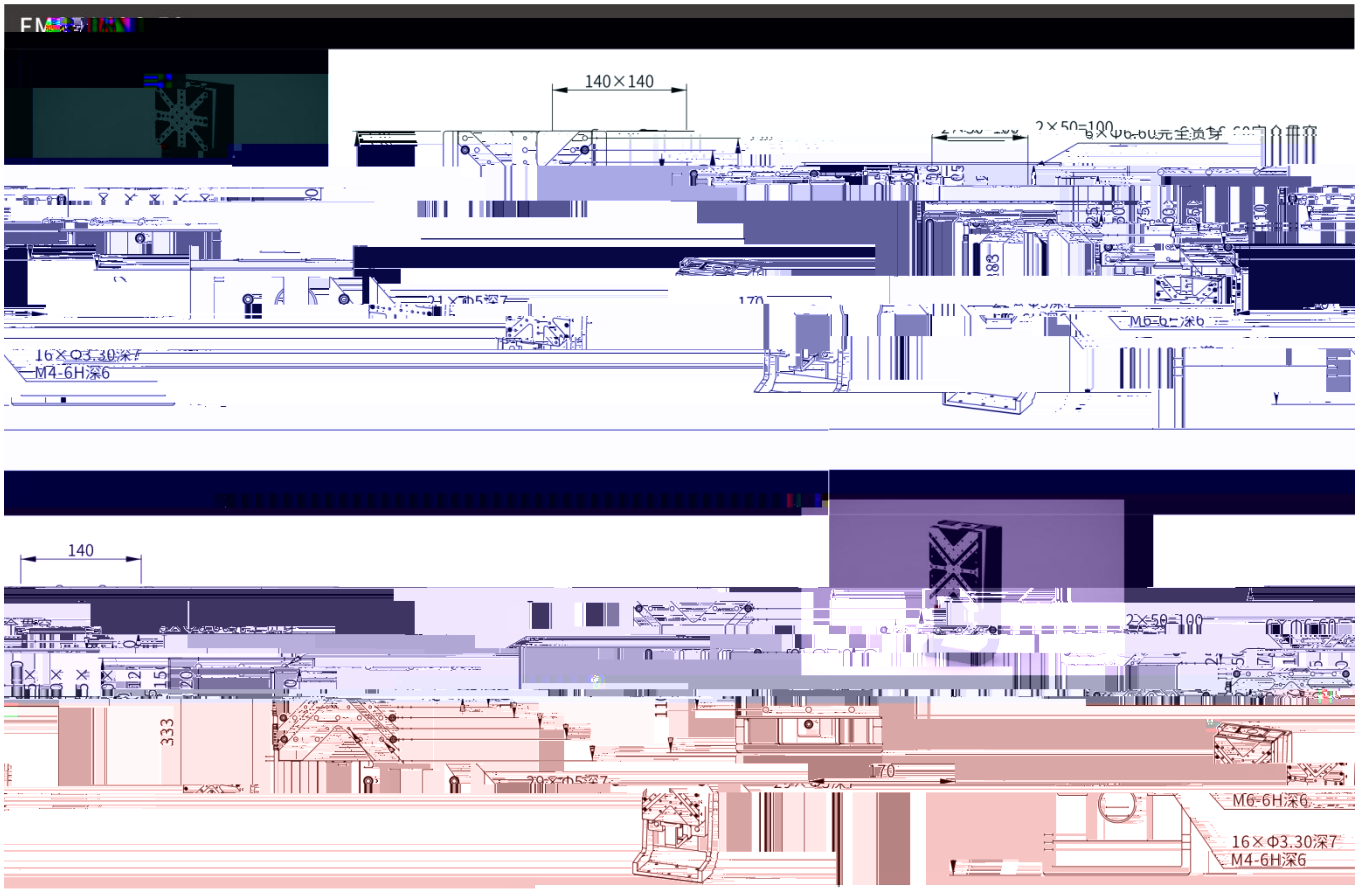
ﺡﺥ ﻡﻩ ﻝ ϒ Ï Л… ſ ˋ ϒ Χ˜

2.2 ﻢﻬ ر ` ﻟ o



ﻫ : FMSZ140C-100 E ˜ ˥ ˆ ˜ 140mm+ +˯ Ü +
100mm ɼ

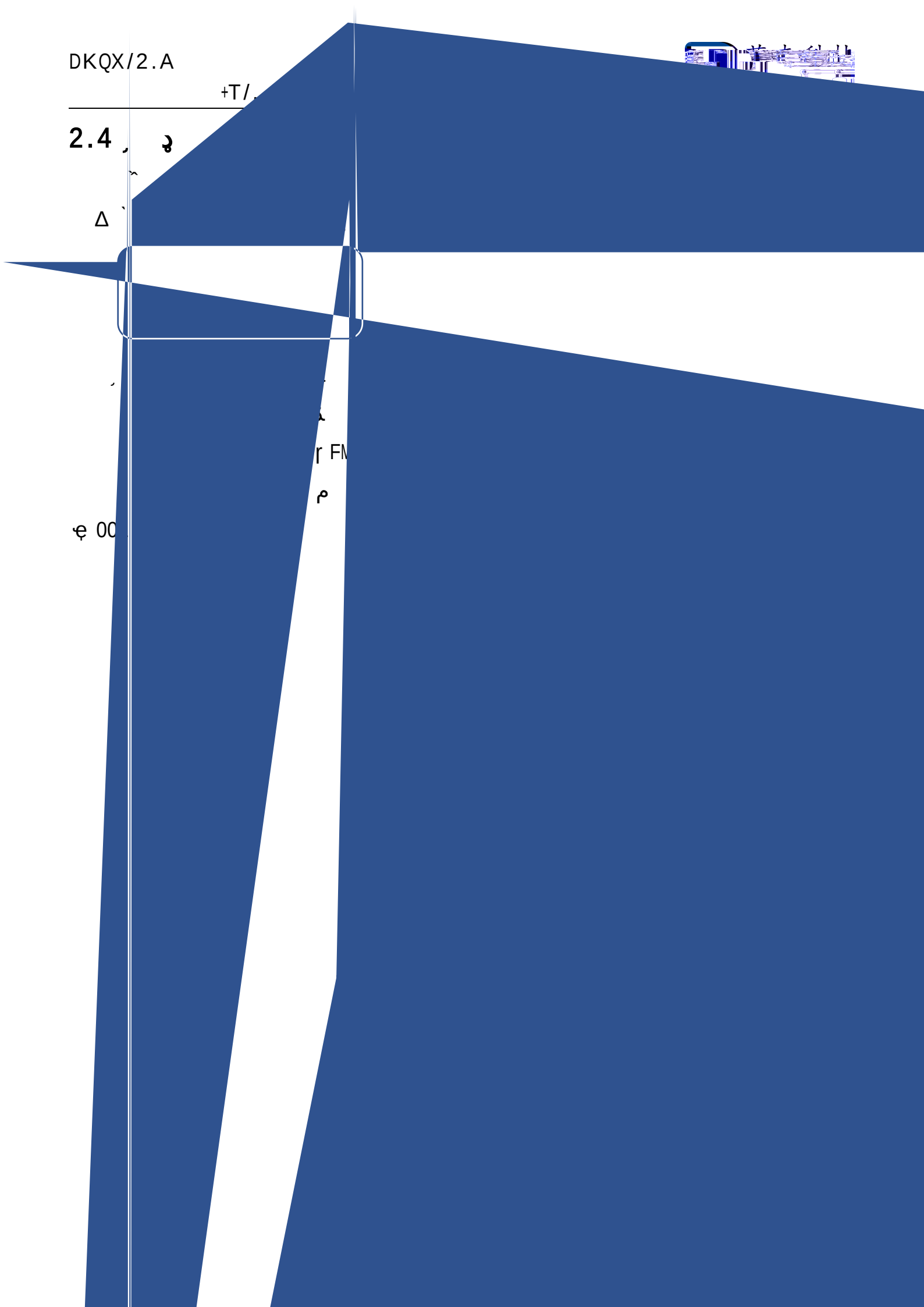
2.3 ,


140×140
2×50=100
M5-b二深6
16×Φ3.30深7
M4-6H深6
140
333
170
M6-6H深6
16×Φ3.30深7
M4-6H深6

DKQX/2.A

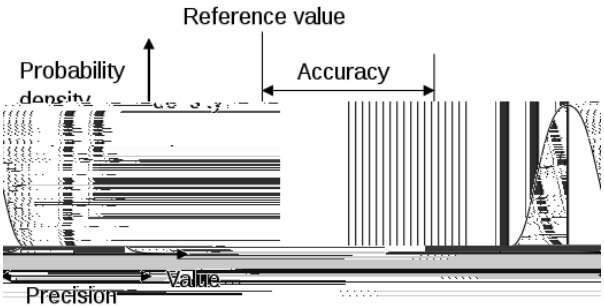
+T/

2.4



3 ї

3.1 ї м



---------- ї ----------

E

сяН " Ґ Ї ™ ґ

E

Л ~ Ї ~ ˇ ~ Ї ѕ Х r Л
™ ~ Ă `Y Ї ﻫ Л ™ м ~ ґ Л ~ Ї р
ґҐ Feinixs ŵ Ї ٩ Є

E

с Ґ Ї ґ Л
r ~ Ї `І ┼Й ┼ ™ ї ґ

Ѕ E

™ ~ ґҐ Ѕ Ғ Л ™ Ї Ѕ Ғ Ш
II Ѕ Â ™ ґЄ

™ E

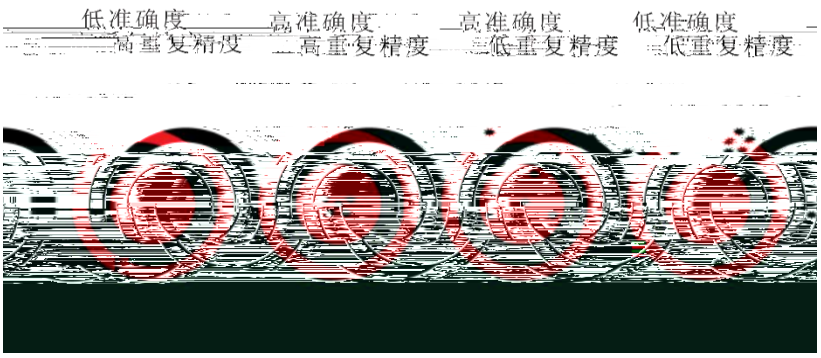
™ ™ с ɻ " Ґ ™ ґ' Ї
Ѕ Л ™ ґ J™ м ᏼ ґ Ї
r ~ ғ r ~ Ї `І ™ ˇ Л Ѕ ґ

!! E

!! м r ґ' ﻫ 1 ~ II
Ѵ Ѕ ɷ ɣ ґҐ Feinixs ¸ ɻ !! Р

Ϙ A Ï ϩ ϩ ϣϧ Ρ Ц Ï ϒ Ί φ Ε Feinixs

ϗ ϥ ' ϶ ϐ ϒ ϩ ϴ Ц Γ



ϧ 1. !! Ғ Ⅵ ⎦

ϒ Ϙ r E

ϧ 1 ϐ Ⱨ !! Ғ Ⅵ ⎦ Γ ϒ Ϙ r Ï ה n'

Ϙ ᒣ └ r Γ

ΰ Ϙ r E

ϧ 1 ϐ Ⱨ !! Ғ Ⅵ ⎦ Γ ΰ Ϙ r Ï ה ϖ γ

Ϙ ᒣ └┼ r Γ ΰ Ϙ r Ғ ϒ Ϙ r Ï

ϒ ΰ Ϙ ᒣ Ґ ϕϧ ɻ Ⱶ ϕϩ Ε Γ

- Ϙ ΐ -

˜ ɻ ɻPitch ɻYaw ΐ └ !! Ï ᒣ !!

ɻ r └ Γ Й Ï ' ˜ !! Ғ

r Ո ˆ II └ r ˆ Γ ˆ ᒣ

Ï II Ґ ΐ Γ

ϧ 2ˆ II Ⱨ ᒣ ΐ Ⅿ Γ

ᒣ ˆ II˘ XYZ ϭϣ ϥ !! Ï ϒ ϰ r ϱ ˆ Χ Γ X Ϙ

Ϙ ᒣ Ϙ ÏZ Ϙ ϧϬ ϱˆ Ϙ Ϙ ÏY Ϙ Ϙ Ϙ Γ ᒣ

Χ Ï ˆ II X ϥ ᒣ ϥ ᒣ (Roll) Ï II Y ϥ ᒣ ϥ Ḻ ϑ

(PitchϵÏ II Z ϥ ᒣ ϥ Ẇ (Yaw) Ï II ϱ Ρ γ ΐ ϧ 2(a) Γ

" Ґ Ï ϳ ᒣ Χ Ï ˆ Χ : X Ϙ ᒣ Ï Y ɻ Z ϖ Ϙ ᴟ Ï



• Л ɻ J¯ ɻˇ ɾ D ˆ Χ ŵ Y Ï¸ Y ɻZ ɷ
γ Ϥ ¯ ɾ ر Y Ϥ ¯ Ă ҷ (StraightnessЄɾ ر Z Ϥ ¯
Ă ҷ (Flatness) Ï ıı ƿ ɷ γ ĭ ב 2 ɾ

ב 2. Ϥ ĭ ב



3.2 ¸ ¸ ï

Model	FMSZ140C-50	FMSZ140C-100
Travel(mm)	50	100
Load Capacity(Kg)[1]	4	3
ɟ Resolution(ï m)	0.05	0.05
Min.Incremental Motion(ï m)[2]	0.2	0.3
٧ Ϥ r /Ḧ ẅ Undirection Repeatability[3]/Guaranteed(ï m)[4]	¤0.3 or 0.6	¤0.5 or 1
٧ Ϥ r / ˜ ﺥ ẅ Undirection Repeatability/Typical(ï m)	¤0.2 or 0.4	¤0.3 or 0.6
ΰ Ϥ r /Ḧ ẅ Bi-Directional Repeatability/Guaranteed(ï m)	¤0.6 or 1.2	¤1 or 2
ΰ Ϥ r / ˜ ﺥ ẅ Bi-Directional Repeatability/Typical(ï m)	¤0.3 or 0.6	¤0.5 or 1
r /Ḧ ẅ Accuracy[3]/Guaranteed(ï m)	¤2 or 4	¤2 or 4
r / ˜ ﺥ ẅ Accuracy/Typical(ï m)	¤1 or 2	¤1 or 2
Max.Speed(mm/s)[5]	100	100
Straightness(ï m)	10	10
Flatness(ï m)	10	10
ẘ Yaw(arcsec)	20	20
¯ Ð Pitch(arcsec)	20	20
⊢ Continuous Force(N)	17.6	17.6
ẅ ⊢ Peak Force(N)	88	88
Weight(kg)	6.8	10.2

ō

[1] E Ґ X, ﻡ ґ

[2] E ᵀ Ғ n ɲ ɹ Ї ᵀ ᵀ ﺱ ɻ ᵐ Ґ ᵀ
ґ' Ї ɹ ɲ ᵀ ґ ᴶᵀ ﻡ ﻝ
ɾ Ї r ˃ ғ r ˃ Ї ˋl ᵀ ˊ ɲ ɹ ґ
[3] E ˃ ﺱ ᵐ Ґ ə Ѯ A Ї !! ǐ
GB/T17421-2000 ґ
[4] E ˜ ﺧ ẇ ﻡ Ḧ ẇ Ⅵ ⌡ Ⅵ ґ
[5] E ҽ ˜ ﺧ ẇ Ї ﻡ ┼ ﻝ Ғ n ᴰ Ⅵ ⌡ ґ

4 ƒ

4.1 ‼

4.1.1 ˛ ˜ r ˆ Ո ɻ Ł Ո ՝НЖ

4.1.2 r ˆ ѕр ɻ ˆ ƥ Ї ՟Ѯ

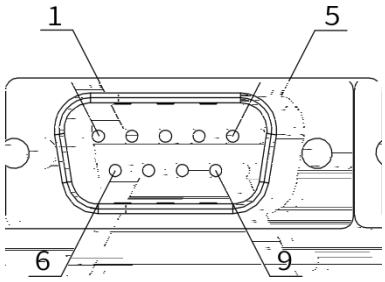
ђ r ˆ ՝Y Ж

4.1.3 ѕр Ҳ ҷ Ї ŭ Ӊ ՝Н ɻ ѓ ŭ˝

Ж

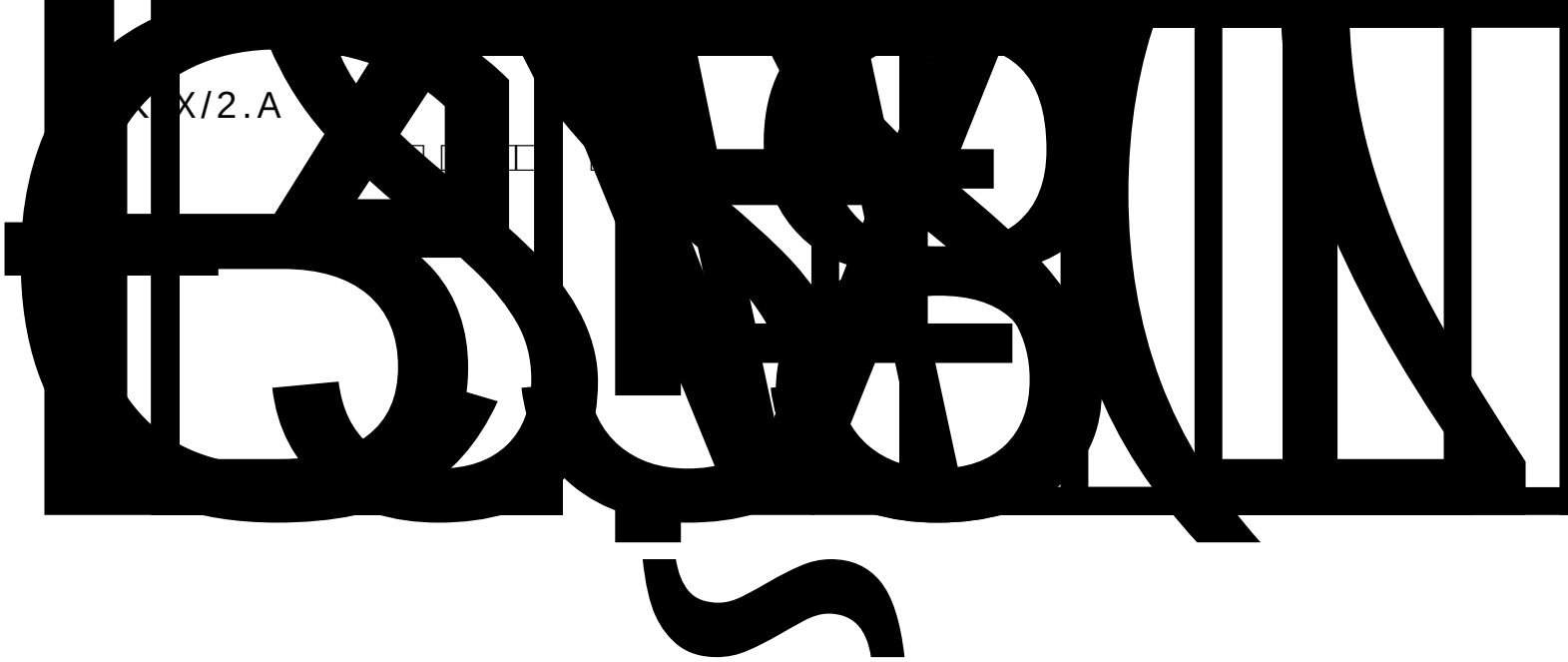
4.1.4 Ї ɕ Ӊ r ˆ Л ſ

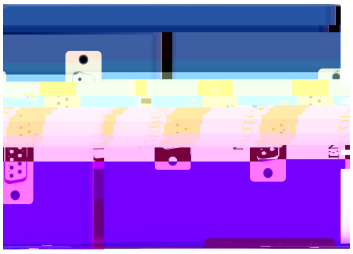
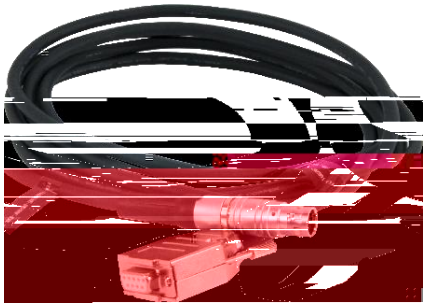
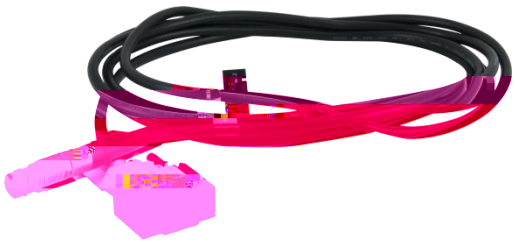
4.2 M,

6 Motor wiring diagram		
 DB9 ″		M,
	1	U
	2	/
	3	V
	4	/
	5	W
	6	/
	7	PE
	8	/
	9	/

Ů 6 Encoder wiring diagram				
 DB26 ″		M,		M,
	1	5V+	14	HC
	2	0V	15	sin+
	3	A+	16	sin-
	4	A-	17	cos+
	5	B+	18	cos-
	6	B-	19	24V+
	7	Z+	20	r
	8	Z-	21	r
	9	/	22	24V-
	10	/	23	/
	11	/	24	/
	12	HA	25	/
	13	HB	26	/

X/2.A



FMC04-Mini	
‾ ⊢	┼
	

E ﷺ ɾ ' ﻡ

┼ ⊴ ₆ ∩ ' ' ĩ ɾ

4.5 ¸ ⊰

4.5.1 √ ɒ ╦ Ç Ж

4.5.2 ɒ u ᵣ ˆ ĭ ĭ Ж

4.5.3 ĭ FMC04 Δ ┼ ⊴ ë ′l φ ⊀ ɾ

5 Ѵ

5.1

5.1.1 r ˆ 3 γ p 1 Ж

5.1.2 Ï Ç ˊ ŗ

5.2

DKQX/2.A

غم Ω˜ ” ´
SICHUAN FEINIXS TECHNOLOGY CO.,LTD

غم :شح غي Ǐ ″ M Ǔ 111 `
:0086-28-85864663 :173 0280 5818
:610000 :info@feinixs.com
شح:http://www.feinixs.com