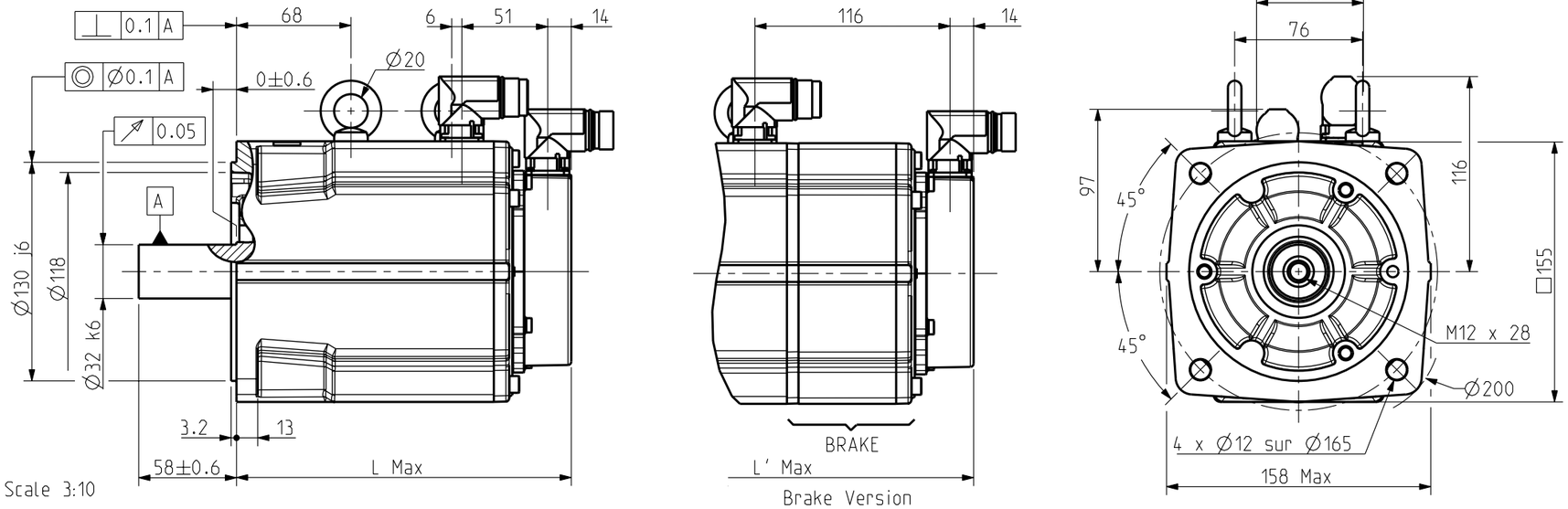
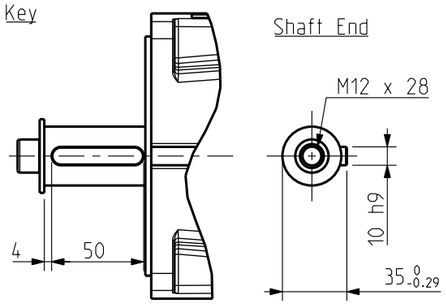
Feedback letter : A/X



Scale 3:10

Key

Shaft End



Scale 3:10

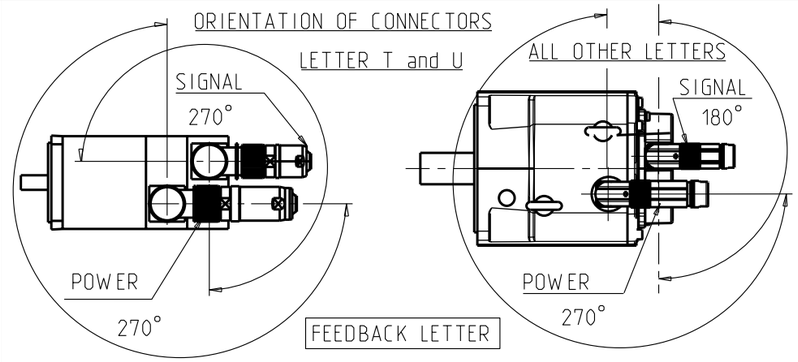
BRAKE Supply voltage : 24V ⎓ ±10%
Static torque

	NX820	NX840	NX860
20 °C	36 Nm	36 Nm	36 Nm
100 °C	32 Nm	32 Nm	32 Nm

Weight

	NX820	NX840	NX860
No Brake	13 Kg	20 Kg	27 Kg
With Brake	16.5 Kg	23.5 Kg	30.5 Kg

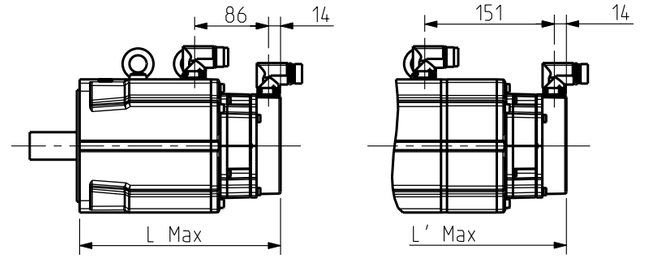
ORIENTATION OF CONNECTORS



FEEDBACK LETTER

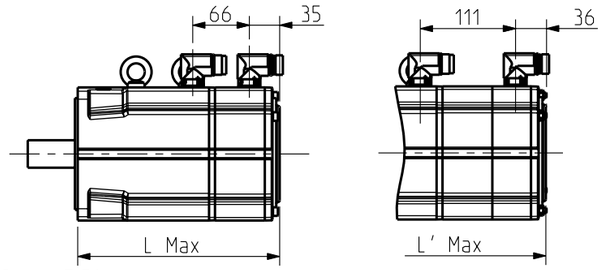
FEEDBACK OPTIONS

Feedback letter : R/S/V/W



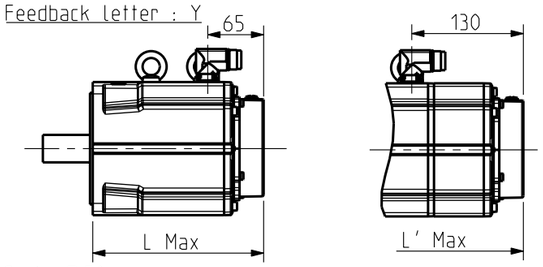
Scale 7:50 — Brake Version

Feedback letter : T/U



Scale 7:50 — Brake Version

Feedback letter : Y



Scale 7:50 — Brake Version

	Feedback options (feedback letter)	Resolver (A)	Low cost encoder (X)	Hiperface SKS36 (R)	Hiperface SKM36 (S)	Endat ECN1113 (V)	Endat EQN1125 (W)	Hiperface SRS50 (T)	Hiperface SRM50 (U)	Sensorless (Y)
NX820	L (mm)	200		235				236		200
	L' (mm)	266		301				282		266
NX840	L (mm)	260		295				296		260
	L' (mm)	326		361				342		326
NX860	L (mm)	320		355				356		320
	L' (mm)	386		421				402		386

N X 8 _ _ E _ _ R 7 _ _ _

Torque range (depends on length)

Winding (depends on speed)

A : Resolver
R : Hiperface Singleturn SKS36
S : Hiperface Multiturn SKM36
T : Hiperface Singleturn SRS50
U : Hiperface Multiturn SRM50
V : Endat Singleturn ECN1113
W : Endat Multiturn EQN1125
X : Low Cost Encoder
Y : Sensorless

0 : Plain Shaft
1 : key

0 : IP 64
1 : IP 65

0 : Without Brake
3 : Brake
* : Thermal protection options on drawing 344993

See connectors pin out and encoder settings on drawing 344993

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General tolerances

DIN ISO 2768 mK

Drawn	09/07/09	YG	Visa						
Modifications	C	AM 24108 22/04/13 SD							
	B	AM24031 14/12/12 BB							
	A	AM23337 15/02/10 OD							

Scale 1:5

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NX800

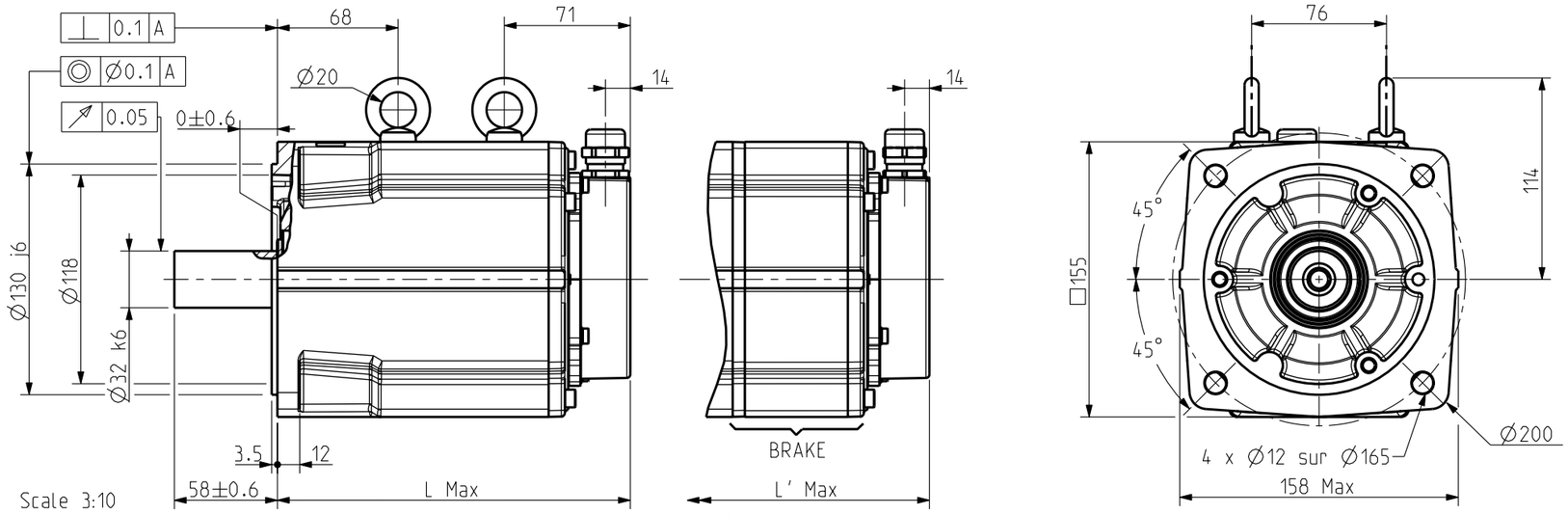
CONNECTOR VARIANT

Format A3

F	E	S	G	I	
	X				

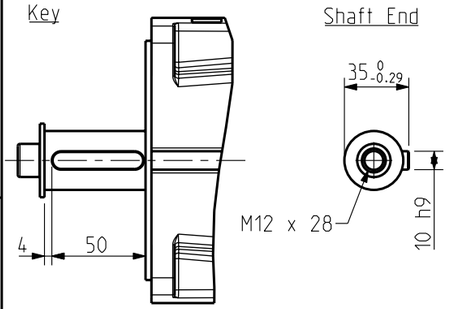
344469 C

Feedback letter : Y



Key

Shaft End



BRAKE Supply voltage : 24V ⎓ ±10%
Static torque

	NX820	NX840	NX860
20 °C	36 Nm	36 Nm	36 Nm
100 °C	32 Nm	32 Nm	32 Nm

Weight

	NX820	NX840	NX860
No Brake	13 Kg	20 Kg	27 Kg
With Brake	16.5 Kg	23.5 Kg	30.5 Kg

		Feedback options (feedback letter)	Sensorless (Y)
NX820	L (mm)		200
	L' (mm)		266
NX840	L (mm)		260
	L' (mm)		326
NX860	L (mm)		320
	L' (mm)		386

N X 8 _ _ E Y _ R 6 _ _ _

- Torque range (depends on length)
- Winding (depends on speed)
- 0 : Without Brake; 3 : Brake; * : Thermal protection options on drawing 344993
- 0 : IP 64; 1 : IP 65
- 0 : Plain Shaft; 1 : key

See connectors pin out and encoder settings on drawing 344993

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General tolerances
DIN ISO 2768 mK

Drawn	09/07/09	YG	Visa		
Modifications	C	AM24108 22/04/13 SD			
	B	AM24031 14/12/12 BB			
	A	AM23337 15/02/10 OD			

Scale 3:10

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NX800

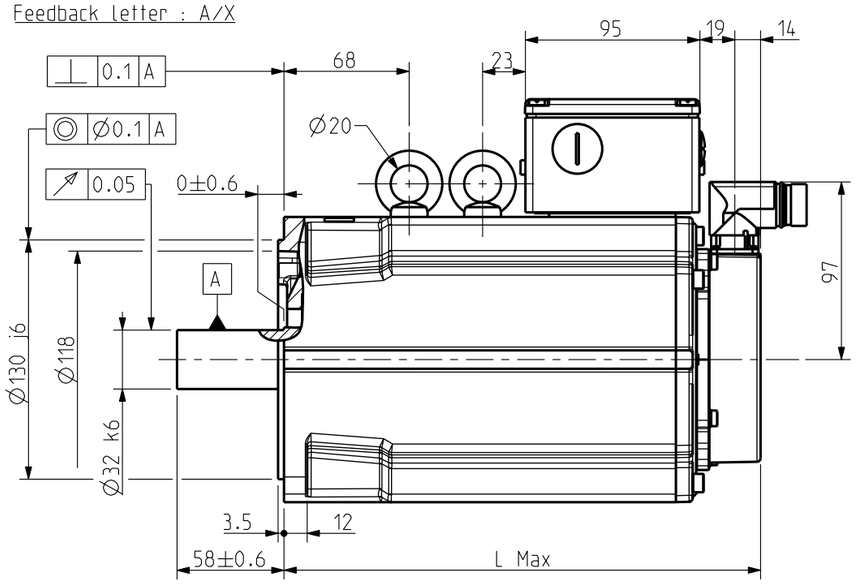
SENSORLESS VARIANT

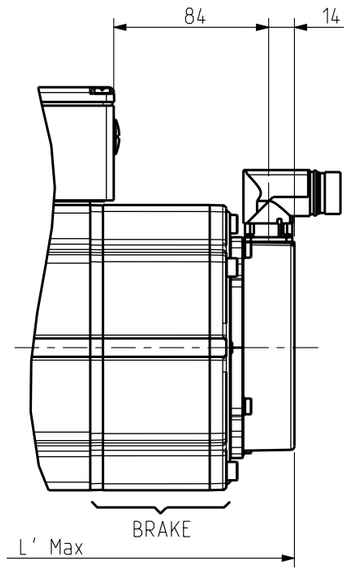
Format A3

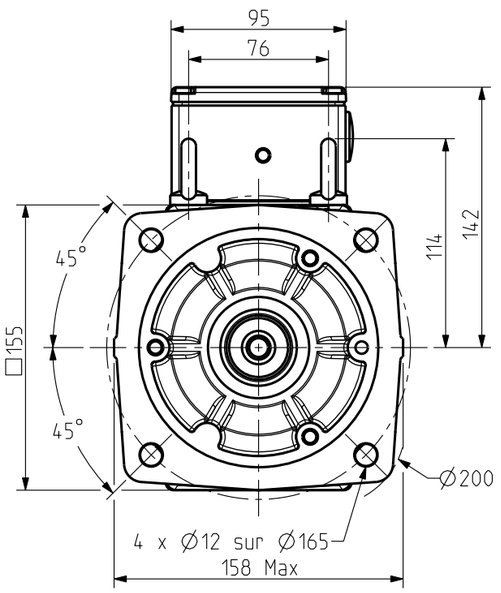
F	E	S	G	I	
	x				

344469 C

Feedback letter : A/X



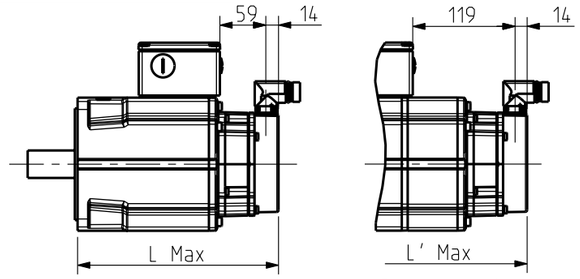




Scale 3:10

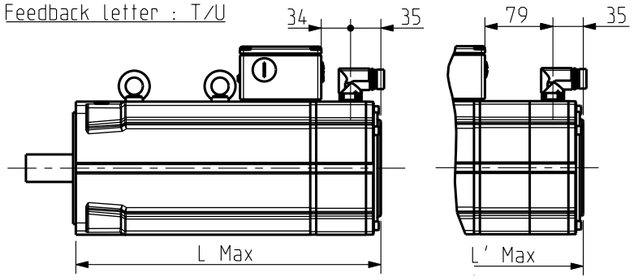
FEEDBACK OPTIONS

Feedback letter : R/S/V/W



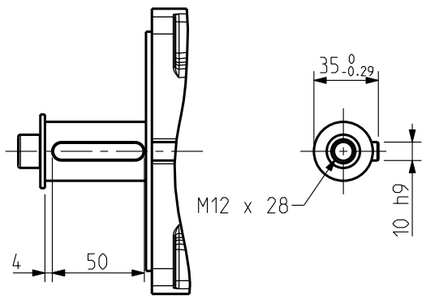
Scale 7:50

Feedback letter : T/U



Scale 7:50

Key — Shaft End



Scale 3:10

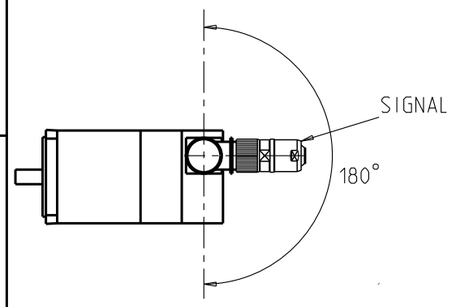
BRAKE Supply voltage : 24V ⎓ ±10%
Static torque

	NX820	NX840	NX860
20°C	36 Nm	36 Nm	36 Nm
100°C	32 Nm	32 Nm	32 Nm

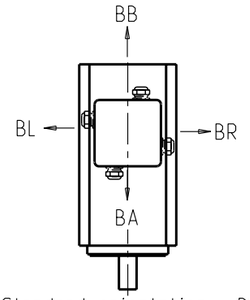
Weight

	NX820	NX840	NX860
No Brake	13.5 Kg	20.5 Kg	27.5 Kg
With Brake	17 Kg	24 Kg	31 Kg

ORIENTATION OF CONNECTOR



POWER TERMINAL BOX ORIENTATION



Standard orientation : BR

	Feedback options (feedback letter)	Resolver (A)	Low cost encoder (X)	Hiperface SKS36 (R)	Hiperface SKM36 (S)	Endat ECN1113 (V)	Endat EQN1125 (W)	Hiperface SRS50 (T)	Hiperface SRM50 (U)	Sensorless (Y)
NX820	L (mm)	200		235				236		200
	L' (mm)	266		301				282		/
NX840	L (mm)	260		295				296		260
	L' (mm)	326		361				342		/
NX860	L (mm)	320		355				356		320
	L' (mm)	386		421				402		/

N X 8 _ _ E _ _ R 6 _ _ _

- Torque classes (depends on lenght)
- Winding (depends on speed)
  - A : Resolver
  - R : Hiperface Singleturn SKS36
  - S : Hiperface Multiturn SKM36
  - T : Hiperface Singleturn SRS50
  - U : Hiperface Multiturn SRM50
  - V : Endat Singleturn ECN1113
  - W: Endat Multiturn EQN1125
  - X : Low Cost Encoder
- 0 : Without Brake
  3 : Brake
  * : Thermal protection options on drawing 344993
- 0 : IP 64
  1 : IP 65
- 0 : Plain Shaft
  1 : key

See connectors pin out and encoder settings on drawing 344993

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General tolerances
DIN ISO 2768 mK

Drawn	09/07/09	YG	Visa				
Modifications	C	AM 24108 22/04/13 SD					
	B	AM24031 14/12/12 BB					
	A	AM23337 15/02/10 OD					

Scale 3:10

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NX800

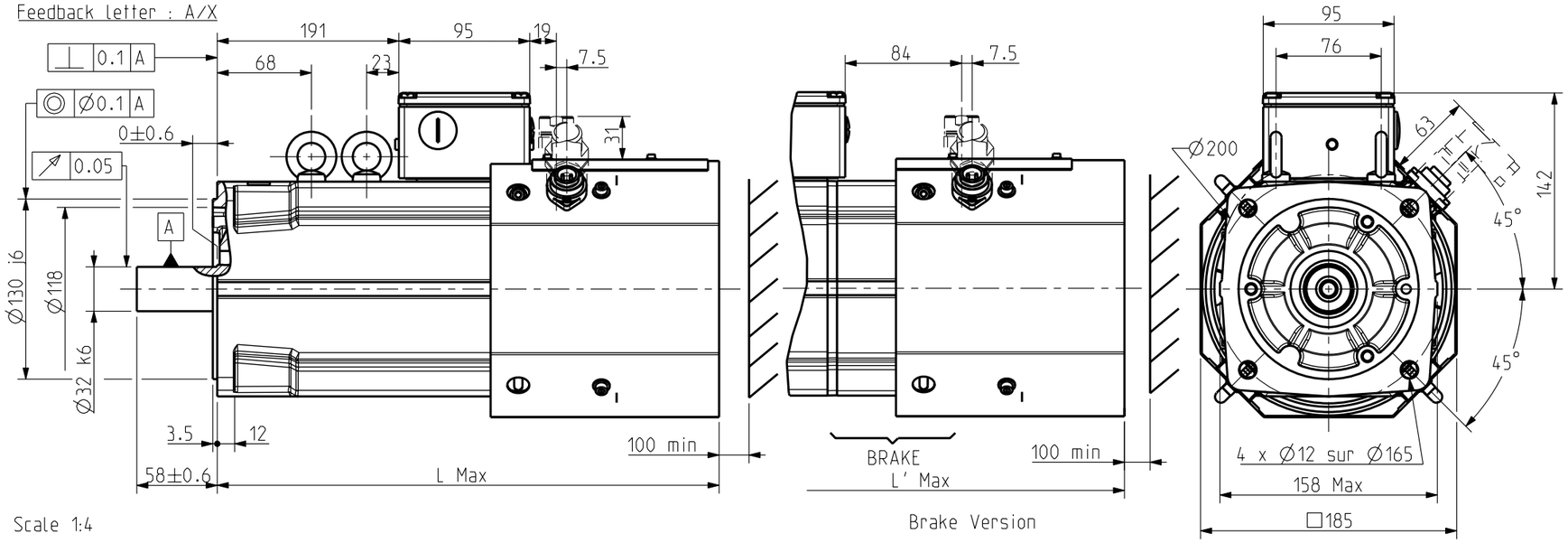
TERMINAL BOX VARIANT

Format A3

F	E	S	G	I	
	X				

344469 C

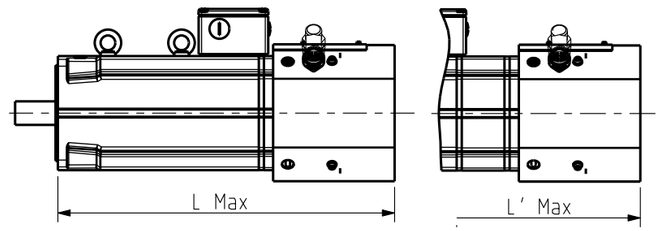
Feedback letter : A/X



Scale 1:4

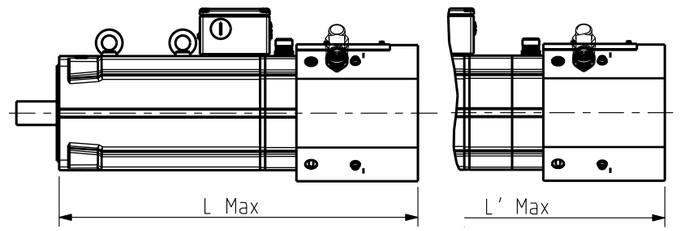
FEEDBACK OPTIONS

Feedback letter : R/S/V/W



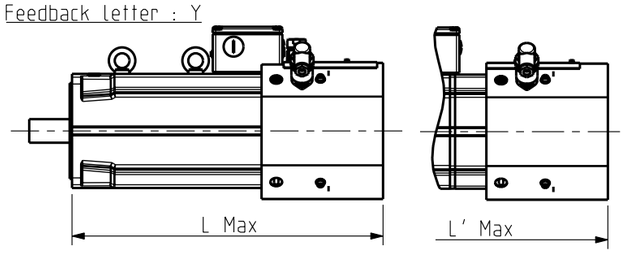
Scale 3:25 — Brake Version

Feedback letter : T/U



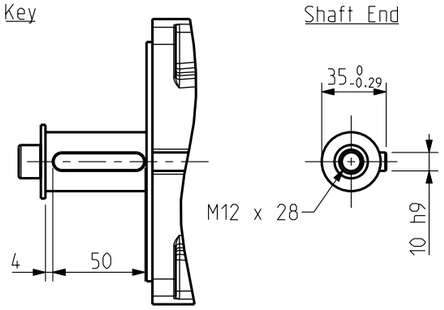
Scale 3:25 — Brake Version

Feedback letter : Y



Scale 3:25 — Brake Version

Key — Shaft End



Scale 3:10

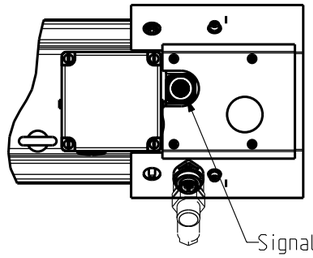
BRAKE Supply voltage : 24V ⎓ ±10%
Static torque

	NX860
20 °C	36 Nm
100 °C	32 Nm

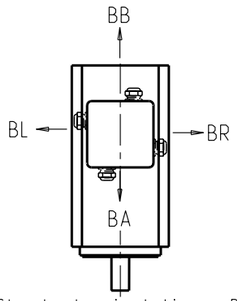
Weight

	NX860
No Brake	30.5 Kg
With Brake	34 Kg

TOP VIEW



POWER TERMINAL BOX ORIENTATION



Standard orientation : BR

	Feedback options (feedback letter)	Resolver (A)	Low cost encoder (X)	Hiperface SKS36 (R)	Hiperface SKM36 (S)	Endat ECN1113 (V)	Endat EQN1125 (W)	Hiperface SRS50 (T)	Hiperface SRM50 (U)	Sensorless (Y)
NX860	L (mm)	424		424		460		490		424
	L' (mm)	490		490		525		555		490

N X 8 _ _ V _ _ R 9 _ _ _
N X 8 _ _ V _ _ R 5 ** _ _ _

Torque range (depends on length)

Winding (depends on speed)

A : Resolver
R : Hiperface Singleturn SKS36
S : Hiperface Multiturn SKM36
T : Hiperface Singleturn SRS50
U : Hiperface Multiturn SRM50
V : Endat Singleturn ECN1113
W : Endat Multiturn EQN1125
X : Low Cost Encoder
Y : Sensorless

0 : Plain Shaft
1 : key

0 : IP 64
1 : IP 65

0 : Without Brake
3 : Brake
* : Thermal protection options on drawing 344993

** UL TERMINAL BOX AND VENTILATION

See connectors pin out and encoder settings on drawing 344993

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General tolerances
DIN ISO 2768 mK

Drawn	09/07/09	YG	Visa			
Modifications C	AM 24108 22/04/13 SD					
Modifications B	AM24031 14/12/12 BB					
Modifications A	AM23337 15/02/10 OD					

Scale 1:4

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NX800

TERMINAL BOX - VENTILATED

Format A3

F	E	S	G	I	
	X				

344469 C