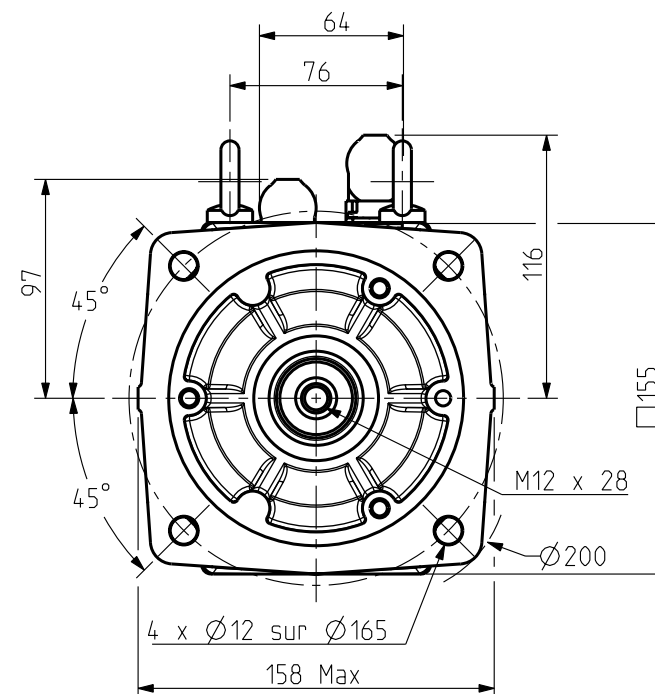


[illegible]

Technical drawings of the 1000 Series Hydraulic Cylinder showing front and side views with dimensions.

Front View (Left): Shows the cylinder with a mounting bracket. Dimensions include a distance of 86 from the centerline to the top of the bracket, a distance of 14 from the centerline to the bottom of the bracket, and a total length of L Max.

Side View (Right): Shows the cylinder with a mounting bracket. Dimensions include a distance of 151 from the centerline to the top of the bracket, a distance of 14 from the centerline to the bottom of the bracket, and a total length of L' Max.

Brake Version

Brake Version

Brake Version

Key

Shaft End

M12 x 28

10 H9

35.0_{-0.29}

4

50

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

	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

LETTER T and U

SIGNAL 270°

POWER 270°

FEEDBACK LETTER

ALL OTHER LETTERS

SIGNAL 180°

POWER 270°

	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

```

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

```

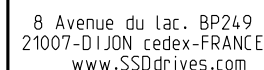
See connectors pin out and encoder settings on drawing 344993

	General tolerances
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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	

1:5



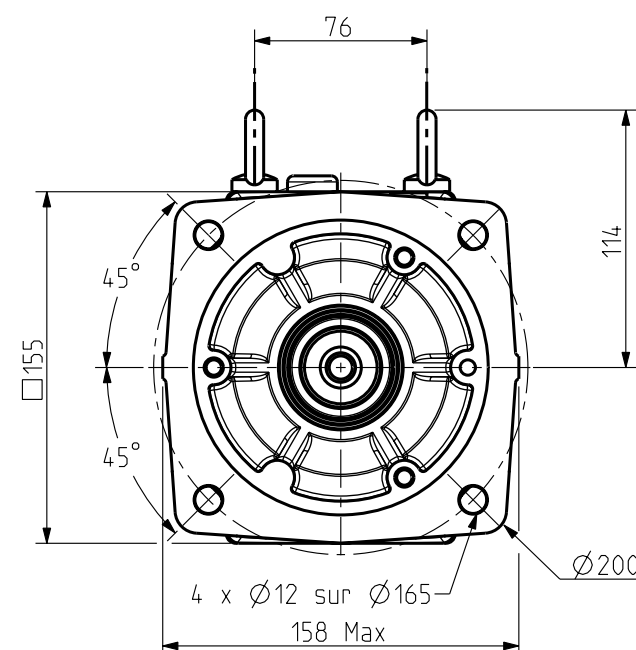
CONNECTOR VARIANT

Format
A3

F	E	S	G	I	
	X				

344469

A small line graph with a vertical y-axis and a horizontal x-axis. The line starts at the origin, rises steeply, and then levels off into a horizontal segment.

[illegible]

Key

Shaft End

35⁺⁰_{-0.29}

10 H9

M12 x 28

4

50

Technical drawing of a ball bearing. The drawing shows a cross-section of the bearing with a central hole. The outer diameter is dimensioned as 35 with a tolerance of 0 to -0.29. The inner diameter is dimensioned as 64 with a tolerance of 0 to -0.10. A leader line points to the inner hole.

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

	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 : 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

Sheet:2/4

[illegible]

Technical drawing of the side view of a vehicle seat. The drawing shows the seat back, seat cushion, and base. Dimensions are indicated: 84 for the width of the seat back and 14 for the width of the seat base. A bracket labeled "BRAKE" indicates the location of the brake pedal. The label "L' Max" is shown at the bottom left, indicating the maximum length of the seat.

Technical drawing of the front view of a square motor. The drawing shows a square base with rounded corners and a central circular mounting flange. The dimensions are as follows:

- Overall width: 95
- Mounting flange diameter: 76
- Overall height: 142
- Height from base to mounting flange: 114
- Base side length: 155
- Base corner chamfer: 45°
- Mounting flange outer diameter: $\varnothing 200$
- Mounting flange inner diameter: $\varnothing 165$
- Mounting flange hole diameter: 4 x $\varnothing 12$
- Mounting flange hole spacing: 158 Max

Technical drawings of the 1000 Series Motor Mounting Bracket. The left drawing is a front view showing a bracket with a mounting plate and a motor. Dimensions include a distance of 59 from the motor to the mounting plate and 14 from the motor to the bracket. The total length is labeled L Max. The right drawing is a side view showing the bracket's profile. Dimensions include a distance of 119 from the motor to the mounting plate and 14 from the motor to the bracket. The total length is labeled L' Max.

Brake Version

Feedback letter : T/U

The drawing shows two views of the T/U Feedback letter. The front view on the left shows a rectangular object with a central horizontal slot and a small protrusion on the left. Dimensions include a total width of 34, a small offset of 35, and a maximum length of L Max. The side view on the right shows the profile of the object, with a total width of 79 and a maximum length of L' Max.

Brake Version

Technical drawing of a mechanical part, showing a side view with dimensions 4 and 50.

Technical drawing of a ball bearing. The drawing shows a cross-section of the bearing with a central hole. The outer diameter is dimensioned as 35 with a tolerance of 0 to -0.29. The inner diameter is dimensioned as 10 with a tolerance of h9. A leader line points to the inner hole.

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

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

A diagram showing a cylindrical sensor unit with a vertical dashed line through its center. A curved arrow indicates a 180° range from the vertical line to the right. A label 'SIGNAL' points to the right end of this range.

A schematic diagram of a four-way valve. It consists of a central square body with four ports: BA at the bottom, BB at the top, BL on the left, and BR on the right. Each port has an arrow pointing outwards. The valve is shown in a cross-sectional view with internal components like a spool and seals.

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

Torque classes
(depends on lenght)

Winding
(depends on speed)

0 : Plain Shaft
1 : key

0 : IP 64
1 : IP 65

0 : Without Brake
3 : Brake

* : Thermal protection
options on drawing
344993

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

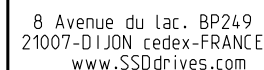
	Feedback options (feedback letter)	Resolver (A)	Low cost encoder (X)	Hiperface SKS36 (R)	Hiperface SKM36 (S)	Endat ECN1113 (V)	Endat EQN1125 (W)	Hiperface SRS50 (T)	Hiperface SRM50 (U)	Sensorless (Y)
NX820	L (mm)	200			235			236		200
	L' (mm)	266			301			282		/
NX840	L (mm)	260			295			296		260
	L' (mm)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

Sheet:3/4

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	

Modifications

3:10



TERMINAL BOX VARIANT

F	E	S	G	I	
	X				

344469



