CODIFICA / HOW TO ORDER / TYPENBEZEICHNUNGEN / CODIFICATION / CODIFICACIÓN

Type - Tipo - Typ Type - Tipo	Size - Grandezza - Grösse Taille - Tamaño	Hub - Mozzo corona Hohlwelle Arbre creux Nucleo corona	Rapporto - Ratio Untersetzung Reduction Relacion	Output shaft - Albero uscita Ausgangsflansch Arbre de sortie Brida en salida
M	**X22S**	**C**	**4.83**	**-A**

Type
Helical-bevel gear
Riduttori ortogonali
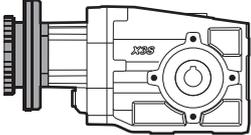
With IEC motor
M
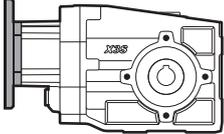
With motor flange
P
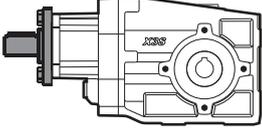
With male input shaft
R
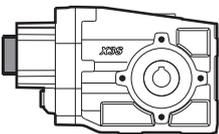
Modular base
B

Not available for:
X93C , X103 ,
X104 , X113 ,
X114 .

Size
2 Stages Riduzioni Stufen Trains Etapas | 3 Stages Riduzioni Stufen Trains Etapas

Aluminum
Alluminio
Aluminium
Aluminium
Aluminio

X22S
X32S
X42A
X52A
X62A

X33S
X43A
X53A
X63A

3 Stages Riduzioni Stufen Trains Etapas | 4 Stages Riduzioni Stufen Trains Etapas

Cast Iron
Ghisa
Grauguss
Fonte
Fundicion

113C	**114C**
133C	**134C**
X73C	**X74C**
X83C	**X84C**
X93C	**X94C**
X103	**X104**
X113	**X114**

Hub
Hollow outpu shaft
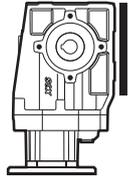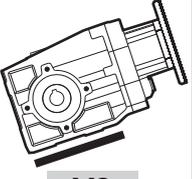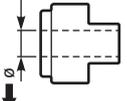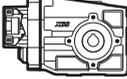**C**
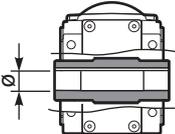
Single output shaft
A
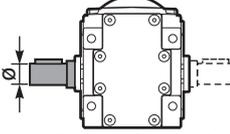
Double output shaft only for 113/4C, 133/4C, X73/4C, X83/4C, X93/4C, X103/4 and X113/4
B
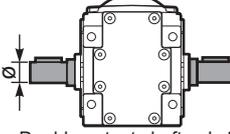
Shrink Disk
(only on the DX side)
D
Only on request for Q.ty
A richiesta per quantità
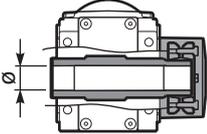
Stainless steel hub
I
Stainless steel hub
Mozzo in acciaio Inox
Edelstahlhohlwelle
Moyeu en acier Inox
Nucleo corona de acero Inox
Only on request for Q.ty
A richiesta per quantità
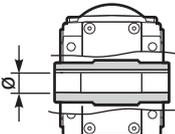
Rapporto
See technical data table

Vedi tabelle dati tecnici.

Technisches Datenblatt beachten

Voir Tableau données techniques

Ver tabla datos técnicos

Output shaft
➡ **STANDARD**

Hollow output shaft

X22S		X73/4C X83/4C	
-A ⇨ ø18		**-F** ➡ ø40	
-B ➡ ø20		**-H** ⇨ ø45	

X32S X33S		113C 114C	
-B ➡ ø20		**-F** ➡ ø40	
-C ⇨ ø25		**-G** ⇨ ø42	

X42A X43A		133C 134C	
-C ➡ ø25		**-F** ⇨ ø40	
-D ⇨ ø30		**-H** ➡ ø45	

X52A X53A		X93C X94C	
-D ➡ ø30		**-H** ⇨ ø45	
-E ⇨ ø35		**-J** ➡ ø50	

X62A X63A		X103 X104	
-E ➡ ø35		**-K** ➡ ø60	
-F ⇨ ø40		X113 X114	
		-T ➡ ø70	

Single and double output shaft

-I X22S X32/3S ⇨ ø20
-L X32/3S X42/3A ⇨ ø25
-M X52/3A ⇨ ø30
-N X52/3A X62/3A X73/4A* ⇨ ø35
-V X83/4A 113/4C ⇨ ø40*
-P 133/4C ⇨ ø45*
-1 X93/4C ⇨ ø50*
-3 X103/4 ⇨ ø60*
-5 X113/4 ⇨ ø70*

* Also available double output shaft
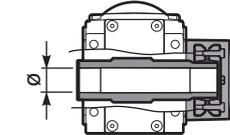
Shrink Disk
-U X22S X32/3S ⇨ ø20
-Q X42/3A ⇨ ø30
-R X52/3A ⇨ ø35
-S X62/3A X73/4A X83/4A 113/4C ⇨ ø40
-6 133/4C ⇨ ø45
-7 X93/4C ⇨ ø50
-8 X103/4 ⇨ ø65
-9 X113/4 ⇨ ø75

9

CODIFICA / HOW TO ORDER / TYPENBEZEICHNUNGEN / CODIFICATION / CODIFICACIÓN

Type - Tipo - Typ Type - Tipo	Output flange Flangia di uscita Ausgangs Flansch Bride de sortie Brida en salida	Motor size - Grandezza motore Motor Grösse Grandeur moteur - Tamaño motor	Mounting position Posizione montaggio Einbaulage Position de montage Posición de montaje	Input bore Foro entrata Eingangshohlwelle Trou d'entree Eje hueco de entrada	Terminal box position Posizione morsettiera Klemmkastenlage Position boîte à bornes Posición caja de bornes
BR	**N**	**-O**	**B3**	**ST**	

Type

FB

Forma base
Universal

BR

Braccio d reazione
Reaction arm
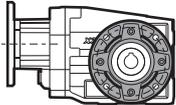
-F

Flangia uscita
output flange

Output flange

Ø
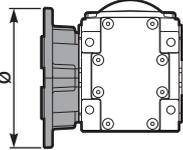
N	Senza flangia Without flange

X22S

| 1 | ⇨ ø120 |

X32S X33S

| 1 | ⇨ ø120 |
| 2 | ⇨ ø160 |

X42-3A X52-3A X62-3A

| 2 | ⇨ ø160 |
| 3 | ⇨ ø200 |

X73C X74C X83C X84C

| 4 | ⇨ ø250 |

113C 114C X93C X94C

| C | ⇨ ø280 |
| L | ⇨ ø280 |

133C 134C

| C | ⇨ ø320 |

X103 X104

| 6 | ⇨ ø350 |

X113 X114

| 7 | ⇨ ø450 |

Motor size

Flange Flangia

B5

- **-A**=56 (ø120)
- **-B**=63 (ø140)
- **-C**=71 (ø160)
- **-D**=80 (ø200)
- **-E**=90 (ø200)
- **-F**=100 (ø250)
- **-G**=132 (ø300)
- **-H**=160 (ø350)
- **-I**=180 (ø350)
- **-L**=200 (ø400)
- **CA**=225 (ø450)

B14

- **-O**=56 (ø80)
- **-P**=63 (ø90)
- **-Q**=71 (ø105)
- **-R**=80 (ø120)
- **-T**=90 (ø140)
- **-U**=100 (ø160)
- **-V**=132 (ø200)

Brushless

- **BB**=50/70-M5
- **BC**=60/75-M5
- **BD**=70/90-M6
- **BE**=80/100-M6
- **BF**=95/115-M8
- **BG**=110/145-M8
- **BH**=130/165-M8

Type R Tipo R

X22S X33S X43A

| -1 | ⇨ ø14 |

X32S X42A X53A X63A X74C X84C 114C 134C

| -2 | ⇨ ø19 |

X52A X62A 113C 133C X73C X83C X94C

| -3 | ⇨ ø24 |

X93C X104 X114

| -4 | ⇨ ø28 |

X103 X113

| -6 | ⇨ ø42 |

Without flange Senza flangia

| -M | ⇨ With coupling |

X22S X33S X43A

-Z	⇨ ø9 (IEC56)
-0	⇨ ø11 (IEC63)
-1	⇨ ø14 (IEC71)

X32S X42A X53A X63A X74C X84C 114C 134C

-1	⇨ ø14 (IEC71)
-2	⇨ ø19 (IEC80)
-3	⇨ ø24 (IEC90)

X52A X62A 113C 133C X73C X83C X94C

-2	⇨ ø19 (IEC80)
-3	⇨ ø24 (IEC90)
-4	⇨ ø28 (IEC100)

Mounting position
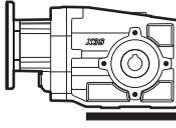
B3

STANDARD

B6

B7

B8

V5

V6

V8

Input bore
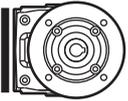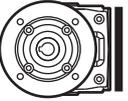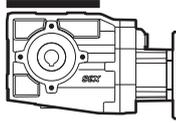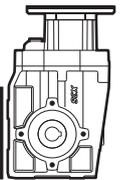
ST

standard bore

foro standard

COUPLING STANDARD (IEC)

Ø

- **-A** = 9mm
- **-B** = 11mm
- **-C** = 14mm
- **-D** = 19mm
- **-E** = 24mm
- **-F** = 28mm

BRUSHLESS *

Ø

- **-2** = 11mm
- **-3** = 14mm
- **-4** = 19mm
- **-5** = 22mm
- **-6** = 24mm

-0

Ready for input coupling
Predisposto per giunto

* With reduction bushing where applicable
Con bussola di riduzione dove prevista

Terminal box position

With Type M specify terminal box position

Con tipo M specificare posizione morsettiera

A

B

STANDARD

C

D

9