

FEATURES

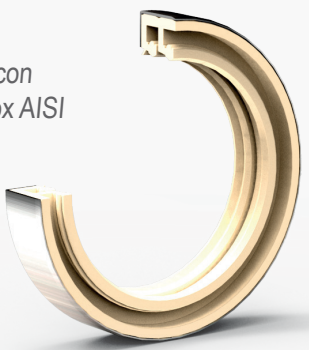
Caratteristiche

Premium components

Componenti premium

Twin viton seals with stainless steel 316L shield.

Doppio anello di tenuta in viton con schermo protettivo in acciaio inox AISI 316L.



Fully modular IEC flanges and compact NEMA C motor flanges.

Flange IEC e NEMA completamente modulari.



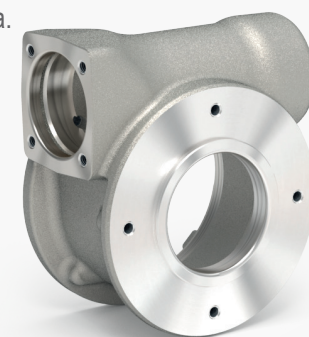
Input coupling

Giunto in entrata



Housing with special smooth surfaces.

Cassa con finitura speciale liscia.



Hardened and ground gears.

Ingranaggi temprati e rettificati.



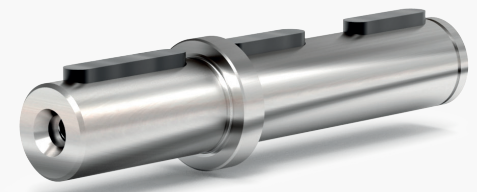
CuSn12Ni (C91700) Nickel bronze worm gears are centrifugally cast onto an iron hub for maximum strength and superior life. Removable hollow shaft with key for safe torque transmissions.

Corona in bronzo al Nickel CuSn12Ni (C91700) centrifugato e mozzo in acciaio inox per massima resistenza e durata superiore. Albero cavo removibile con chiave mozzo/corona.



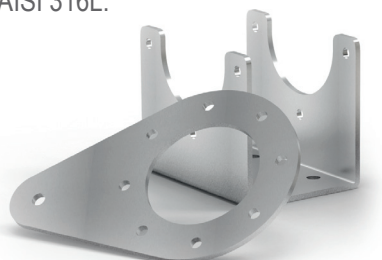
Output shaft is produced in AISI 316L. Special cover assures full protection of oil seals.

Albero in uscita in AISI 316L e coperchietto protettivo per anelli di tenuta.



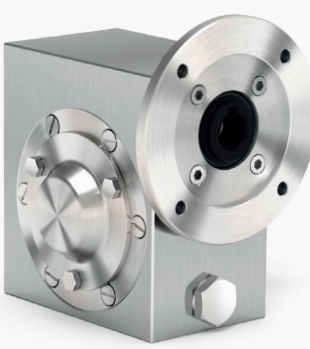
All stainless steel 316L hardware.

Viteria e kit in acciaio inox AISI 316L.



Closed protection cap in AISI 316L with o-ring.

Coperchietto di protezione chiuso in AISI 316L con o-ring.



Electric motors

Motori eltrtrici

4 poles
Voltage: Δ/Y 230/400V - 50Hz
Protection: I.CI.F - IP69k - IC410
Efficiency: IE3 (IEC60034-30, IEC60034-2-1, Pn ≥ 0,75kW)
Duty cycle: S1
Other features: INVERTER DUTY, HYGIENIC, PTO PROTECTION INCLUDED

APM series

Aluminum premium electric motors



SPM series

Stainless steel premium electric motors



Distributed from

Motor	kW	IE3	rpm (min-1)	Nm	A (400V)	COS (φ)
63A	0.12		1440	0.80	0.44	0.57
63B	0.18		1440	1.19	0.58	0.62
71A	0.25		1440	1.66	0.72	0.64
71B	0.37		1440	2.45	1.10	0.64
80A	0.55		1460	3.60	1.50	0.67
80B	0.75		1460	4.91	2.10	0.67
90S	1.1		1460	7.20	2.90	0.70
90L	1.5		1460	9.81	4.00	0.70

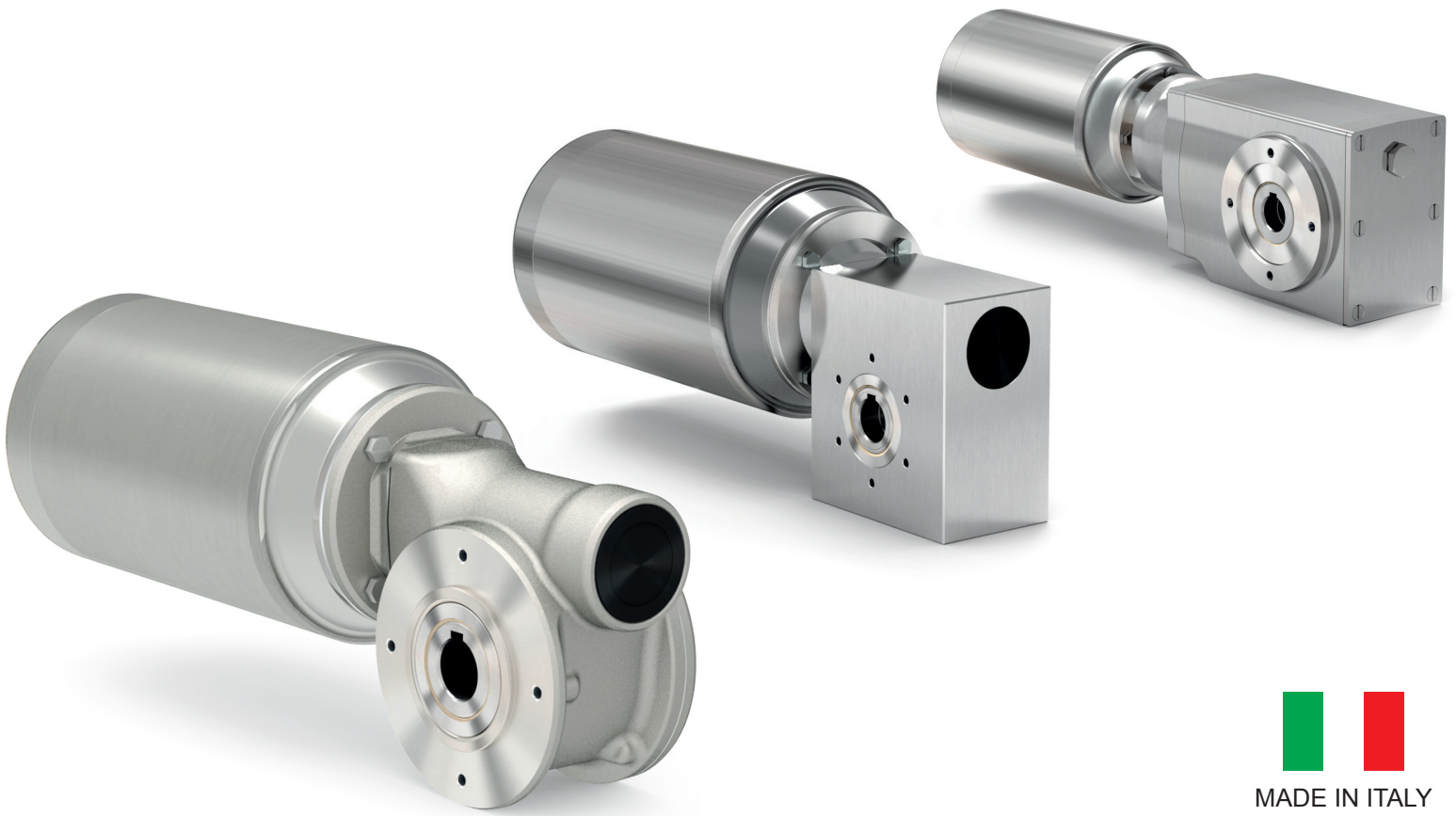
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80A	0.55		1460	3.60	1.50	0.67
80B	0.75		1460	4.91	2.10	0.67
90S	1.1		1460	7.20	2.90	0.70
90L	1.5		1460	9.81	4.00	0.70
100LA	2.2		1440	14.6	4.80	0.79



CLEAN-GEARTECH



INNOVATIVE PRODUCT RANGE



HYGIENIC DESIGN

I Series

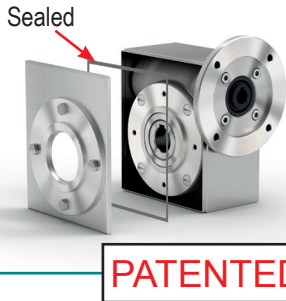
Full stainless steel gearboxes

Riduttori completamente in acciaio inox

L Series

Stainless steel shielded gearboxes

Riduttori schermati in acciaio inox



Z Series

Aluminum gearboxes with NTT treatment

Riduttori in alluminio con trattamento NTT

VFI Series

Stainless steel worm gearboxes

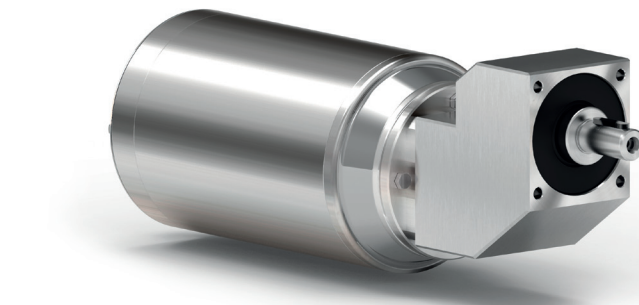
Riduttori a vite senza fine completamente in acciaio inox



RCI Series

Stainless steel ratio multiplier

Riduttori ad uno stadio completamente in acciaio inox



BVI Series

Stainless steel helical bevel gearboxes

Riduttori a coppia conica completamente in acciaio inox



Ratios: 5 ÷ 102

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
I30	21 Nm	0.06 ÷ 0.18 kW
I45	41 Nm	0.12 ÷ 0.37 kW
I50	72 Nm	0.12 ÷ 0.75 kW
I63	147 Nm	0.37 ÷ 1.8 kW
I85	347 Nm	0.55 ÷ 4.0 kW
I11	651 Nm	1.1 ÷ 4.0 kW

Ratios: 1.57 ÷ 10.86

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
411I	38 Nm	0.37 ÷ 1.5 kW

Ratios: 6.03 ÷ 77.36

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
X42I	150 Nm	0.25 ÷ 1.5 kW
X62I	410 Nm	0.75 ÷ 4.0 kW

VFL series

Stainless steel shielded worm gearboxes

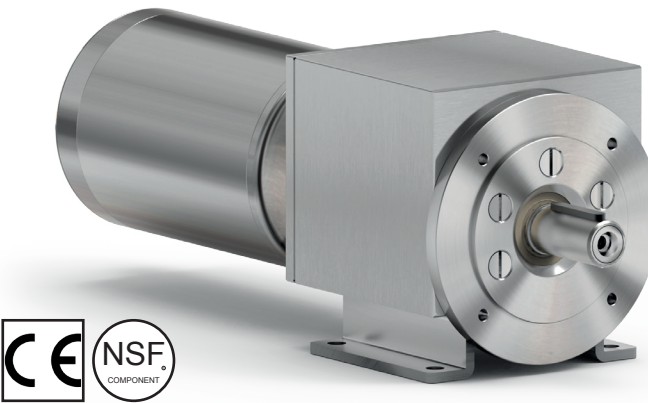
Riduttori a vite senza fine schermati in acciaio inox



RCL series

Stainless steel shielded coaxial gearboxes

Riduttori coassiali schermati in acciaio inox



BVL series

Stainless steel shielded helical bevel gearboxes

Riduttori a coppia conica schermati in acciaio inox



Ratios: 7 ÷ 102

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
LD45	41 Nm	0.12 ÷ 0.37 kW
LD50	72 Nm	0.12 ÷ 0.75 kW
LD63	147 Nm	0.37 ÷ 1.8 kW
LD85	347 Nm	0.55 ÷ 4.0 kW

Ratios: 1.3 ÷ 61.89

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
411L	38 Nm	0.37 ÷ 1.5 kW
511L	110 Nm	1.1 ÷ 4.0 kW

Ratio multiplier - Riduttori coassiali ad uno stadio

411L	38 Nm	0.37 ÷ 1.5 kW
511L	110 Nm	1.1 ÷ 4.0 kW

Coaxial gearboxes - Riduttori coassiali

402L	160 Nm	0.37 ÷ 1.5 kW
602L	520 Nm	1.1 ÷ 4.0 kW

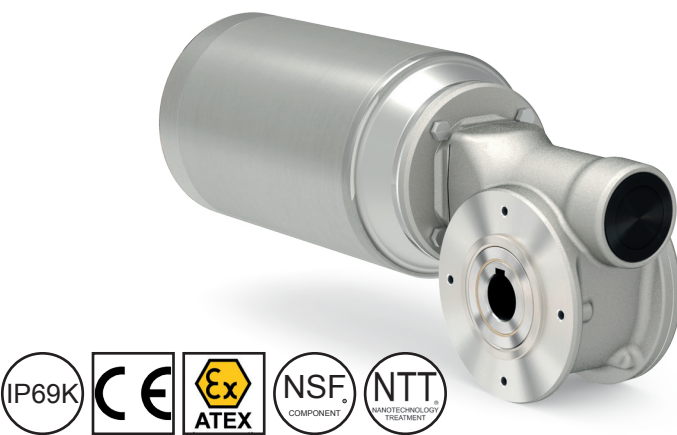
Ratios: 4.83 ÷ 77.55

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
X22L	50 Nm	0.12 ÷ 0.37 kW
X32L	90 Nm	0.25 ÷ 1.5 kW
X42L	150 Nm	0.25 ÷ 1.5 kW
X52L	250 Nm	0.55 ÷ 3.0 kW
X62L	410 Nm	0.75 ÷ 4.0 kW

VFZ Series

Aluminum worm gearboxes

Riduttori a vite senza fine in alluminio



RCZ Series

Aluminum ratio multiplier

Riduttori ad uno stadio in alluminio



Ratios: 5 ÷ 102

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
Z30	21 Nm	0.06 ÷ 0.18 kW
Z45	41 Nm	0.09 ÷ 0.37 kW
Z50	72 Nm	0.12 ÷ 0.75 kW
Z63	147 Nm	0.37 ÷ 1.8 kW
Z85	347 Nm	0.55 ÷ 4.0 kW

Ratios: 2.05 ÷ 9.83

Type	Torque	Input power
Tipo	Coppia	Potenza in entrata
211Z	20 Nm	0.25 ÷ 0.37 kW

NTT™ stands for a special surface treatment which results in modified external properties of the complete unit in order to get a smooth surface and an higher corrosion resistance.

NTT™ è uno speciale trattamento che come risultato ha la modifica delle proprietà superficiali del riduttore allo scopo di ottenere una superficie liscia e con maggiore resistenza alla corrosione.