

SR series



Servo riduttori (a vite, coassiali, assi paralleli e ortogonali)
Servo gear reducers (worm, coaxial, helical and bevel helical units)

1. Your worldwide partner	Your worldwide partner for high quality solutions Caratteristiche e vantaggi Gamma Simboli e unità di misura
2. Scelta	
3. Servo riduttori a vite	3.1 Caratteristiche 3.2 Designazione 3.3 Tabelle di selezione (MR) 3.4 Esecuzioni, dimensioni, forme costruttive e quantità d'olio (MR) 3.5 Tabelle di selezione (R) 3.6 Esecuzioni, dimensioni, forme costruttive e quantità d'olio (R) 3.7 Dimensioni di accoppiamento lato entrata (R) 3.8 Carichi radiali F_{r2} o assiali F_{a2} sull'estremità d'albero lento 3.9 Dettagli costruttivi e funzionali 3.10 Accessori ed esecuzioni speciali
4. Servo riduttori coassiali	4.1 Caratteristiche 4.2 Designazione 4.3 Tabelle di selezione (MR) 4.4 Esecuzioni, dimensioni, forme costruttive e quantità d'olio 4.5 Carichi radiali F_{r2} o assiali F_{a2} sull'estremità d'albero lento 4.6 Dettagli costruttivi e funzionali 4.7 Accessori ed esecuzioni speciali
5. Servo riduttori ad assi paralleli e ortogonali	5.1 Caratteristiche 5.2 Designazione 5.3 Tabelle di selezione (assi paralleli) 5.4 Tabelle di selezione (assi ortogonali) 5.5 Dimensioni di accoppiamento lato entrata (R) 5.6 Carichi radiali F_{r2} o assiali F_{a2} sull'estremità d'albero lento 5.7 Dettagli costruttivi e funzionali 5.8 Accessori ed esecuzioni speciali
6. Installazione e manutenzione	6.1 Avvertenze generali sulla sicurezza 6.2 Condizioni di impiego 6.3 Installazione 6.4 Montaggio servomotore 6.5 Montaggio di organi sull'estremità d'albero 6.6 Sistemi di fissaggio pendolare 6.7 Lubrificazione 6.8 Targhe
7. Formule tecniche	Cataloghi Worldwide Sale and Service Network

1. Your worldwide partner	5	Your worldwide partner for high quality solutions Features and Benefits Product range Symbols and units of measure
2. Selection	17	
3. Worm servo gear reducers	23	3.1 Specifications 3.2 Designation 3.3 Selection tables (MR) 3.4 Designs, dimensions, mounting positions and oil quantities (MR) 3.5 Selection tables (R) 3.6 Designs, dimensions, mounting positions and oil quantities (R) 3.7 Input side mating dimensions (R) 3.8 Radial loads F_{r2} or axial loads F_{a2} on low speed shaft end 3.9 Structural and operational details 3.10 Accessories and non-standard designs
4. Coaxial servo gear reducers	85	4.1 Specifications 4.2 Designation 4.3 Selection tables (MR) 4.4 Designs, dimensions, mounting positions and oil quantities 4.5 Radial loads F_{r2} or axial loads F_{a2} on low speed shaft end 4.6 Structural and operational details 4.7 Accessories and non-standard designs
5. Helical and bevel-helical servo gear reducers	119	5.1 Specifications 5.2 Designation 5.3 Selection tables (helical) 5.4 Selection tables (bevel-helical) 5.5 Input side mating dimensions (R) 5.6 Radial loads F_{r2} or axial loads F_{a2} on low speed shaft end 5.7 Structural and operational details 5.8 Accessories and non-standard designs
6. Installation and maintenance	201	6.1 General safety instructions 6.2 Operating instructions 6.3 Installation 6.4 Servo motor mounting 6.5 Fitting of components to shaft end 6.6 Shaft-mounting arrangements 6.7 Lubrication 6.8 Nameplates
7. Technical formulae	217	Catalogs Worldwide Sale and Service Network
	218	
	220	

Your worldwide partner for high quality solutions

Who we are

In brief:

1953 Year of foundation as family business and today still privately owned



Rossi in the 70's

70's First in Italy to adopt a complete modular system for gear reducers with cylindrical and bevel gears; first in Italy to adopt case-hardened, tempered, ground gear pairs on parallel and right angle shaft gear reducers

80's Worm gear reducers and gearmotors with universal mounting, single-piece housing and ZI involute profile; extension of the direct sales organization abroad with the facilities of the German, English, French and Spanish subsidiaries.

90's Parallel and right angle shaft gear reducers and gearmotors with universal mounting and single-piece housing; first transmission manufacturer in Italy and second in Europe to obtain Quality System Certification ISO 9001.

1994 The only one to offer 3-year-warranty



Rossi Motor Division

1997 Acquisition of Seimec (Rossi Motor Division)

2002 Acquisition of SMEI (Rossi Planetary Gear Reducer Division, WIND)



Rossi Planetary Gear Reducer Division

2003 ISO 9001 – 2000 Standard (Vision 2000)

2004 New affiliated company in U.S.A.
Habasit acquires important share in Rossi, to reinforce global presence and develop growth strategy

2009 (July) Habasit Holding owns 100% Rossi

2010 Logo and Company name change: from "Rossi Motoriduttori" to "Rossi S.p.A."



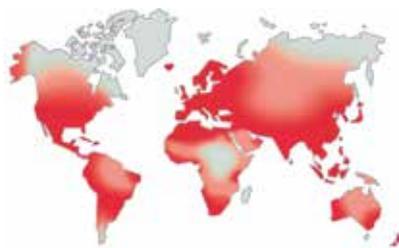
Rossi Industrial Gear Reducer Division, today

For more than 50 years Rossi has been developing its business in the most demanding applications to become one of the world's leading gearmotor manufacturers suitable for critical machines. Even in the toughest environment, Rossi is recognized for providing state of the art technology, solid value, and commitment to its customers.

Where you can find us

Close to our customers in all five continents, with a direct sale system granting excellence in service: visit our new website for your country reference.

We are where you need us to be.



What we believe in

Choosing the drive with the right technical specifications is vital for reliability and economy.

We believe in integrity, ethical behavior, knowledge, imagination, innovation, good teamwork and above all customer focus: these are some of Rossi's major key success factors.

Rossi is a reliable company with the right flexibility and know-how to respond to all market requests, all over the world, in all application fields, without leaving aside its commitment for the environment and value on human safety, to protect everyone's future.



What we can do for you

A highly skilled specialist team in different fields, Industry Segment Managers providing customers with the right support to find the best solution suitable for your demands, and accompany you step by step alongside the whole supply.



Who you can call

A well-organized after-sale service providing problem solving in the quickest possible way

Rossi for You portal, allowing customers to have 24/7 access to all the documentations concerning Rossi supplies, news and order tracking in real time.

Worldwide standard certified to:

IEC, UNEL, UNI, DIN, ATEX, UL, CSA, NEMA, MEPS, EISA, ErP (IE2, IE3)...



What you can do for us

You are at the center for Rossi: that's why we want you to give us suggestions on our work, to inform us about news in your sector and anything that allows us to give you better service, from all points of view.

You are for us a partner which can contribute to our ever evolving improvements in all fields.

