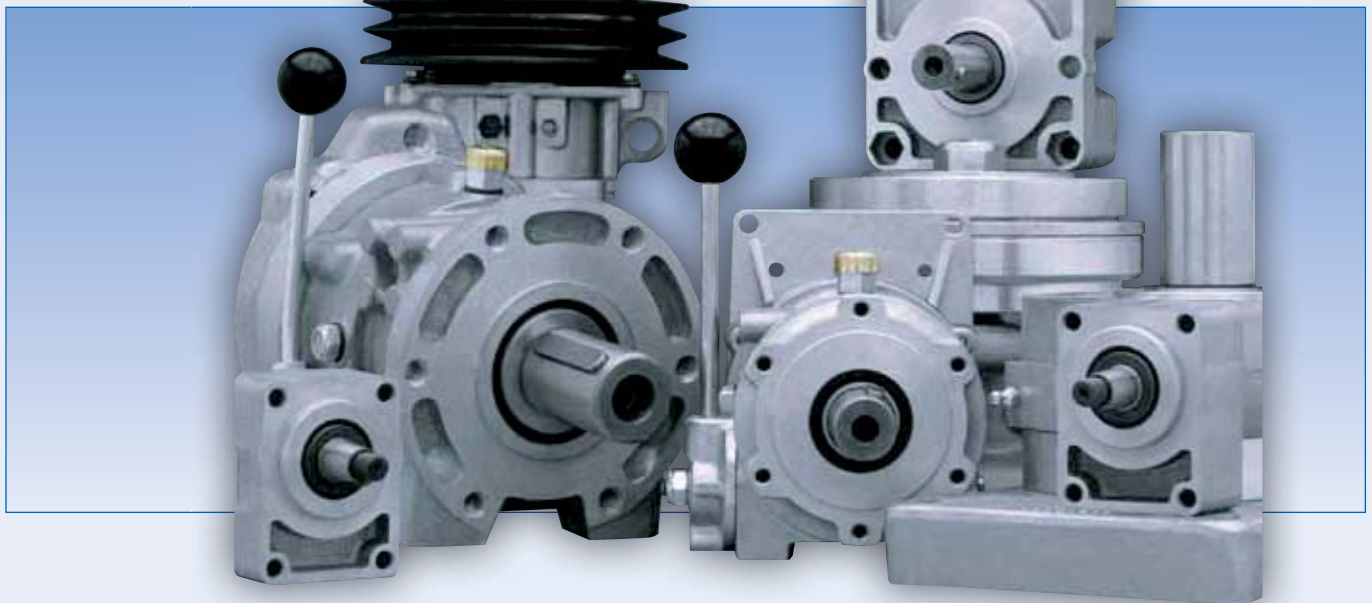


SU-IM-IE SUPPORTS AND CLUTCHES

Technical Catalogue

December
2014

web edition





The company

Brevini Fluid Power was established in 2003 in Reggio Emilia where it has its head office.

Brevini Fluid Power manufactures hydraulic components and application packages: a very large range suited to several operational requirements and applications thanks to a strict interaction between mechanical, hydraulic and electronic components.

Brevini Fluid Power is among the top manufacturers in Italy and a major player in Europe and in the world.

International presence

Brevini Fluid Power operates internationally with 15 branches all over the world placed in major industrialized countries: Italy, France, Germany, England, Romania, Holland, Finland, China, India, Singapore and the United States. The network is constantly expanding by opening new branches in just a few years.

The branches are guided by managers that have an excellent knowledge of their own country.

The advantages this brings are evident:

- Reduced delivery times thanks to the branches warehouses;
- Easy customization of products and systems basing on the customer's needs, thanks to the competence and professional skills of the branches' own technical and servicing departments;
- Quick servicing;
- A ready sales staff at hand and closer to the customers, which ensures high flexibility plus experience.

The production facilities are located throughout Reggio Emilia, Ozzano Emilia (BO), Noceto (PR), Novellara (RE), Yancheng (province of Jiangsu, China) which was inaugurated in 2009 and became operative since 2010.

Competitive Strategy

Innovation combined with the focus on customers is the strength of the Brevini Fluid Power "brand", born from the forty-year-long experiences of Aron, Hydr-App, SAM Hydraulik, Oleodinamica Reggiana, VPS Brevini and Brevini Hydraulics.

Brevini Fluid Power proposes itself as a "local hub", as it happened to BPE Electronics in 2008 and OT Oiltechnology in 2009, in order to create a new Made in Italy global player in the world of hydraulics, increasingly more integrated with electronics.

The purpose is still the development of a very large range of products forming together integrated packages able to meet various application needs. Our ten-year-long partnership relations with hundreds of customers all over the world are the best synthesis of Brevini Fluid Power's operational philosophy.

Sharing of know-how and several experiences have made Brevini Fluid Power a more global company, more incisive in international markets and closer to its customers.

Product lines

The product lines are numerous and well-structured aimed to cover every needs: a strong basis on which to develop the engineering of application packages and complete systems. The offer is improving in the direction of a solution supplier often developed in co-design with the customer, both for the mobile and industrial sector.

Hydr-App Product Line: Hydraulic power packs and mini hydraulic packs (whether standard or customised), cartridge valves and solenoid valves, gear boxes and transmission components.

S.A.M. Hydraulik Product Line: Axial piston pumps and motors for medium and high pressure, orbital motors.

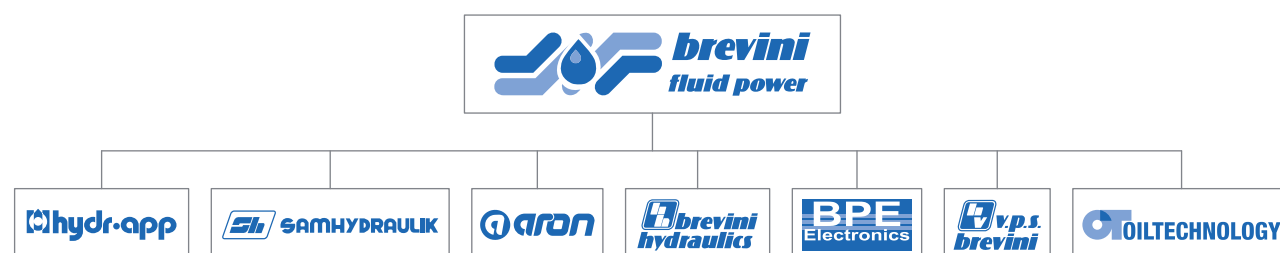
Aron Product Line: Directional, flow, on-off and proportional pressure control valves. Modular and cartridge valves, subplates and blocks.

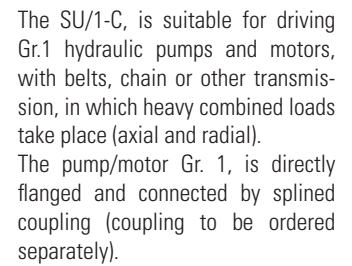
Brevini Hydraulics Product Line: Proportional directional valves, joysticks and electronic modules.

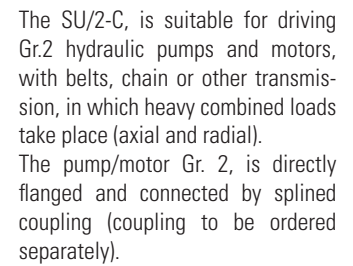
BPE Electronics Product Line: Sensors, load cells, boards and electronic controls via CAN, display units, planarity indicators.

VPS Brevini Product Line: Mono-block and modular mobile valves.

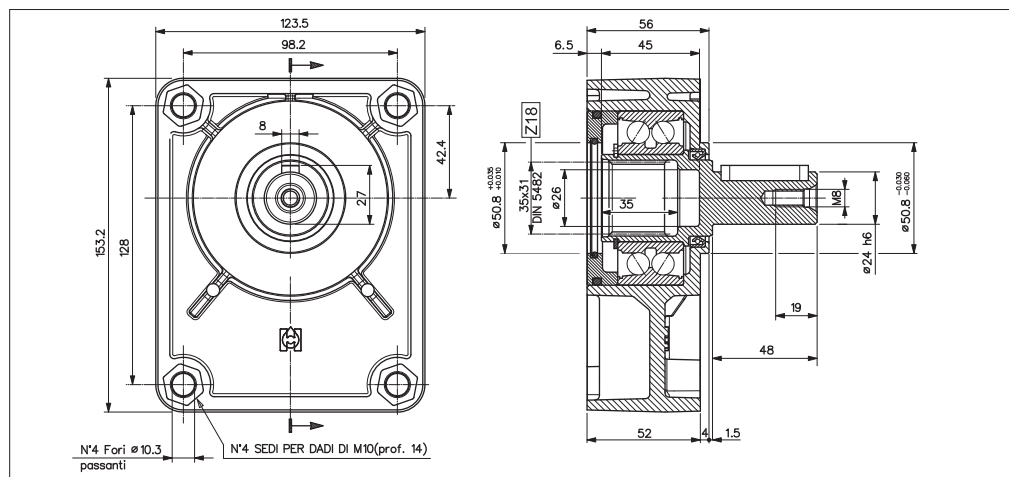
OT Oiltechnology Product Line: Gear pumps and motors, flow dividers.







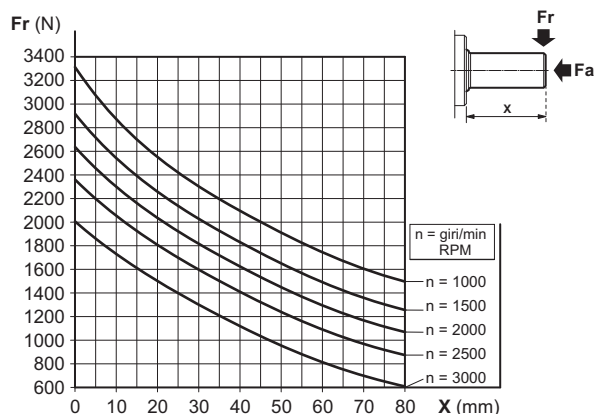
SUPPORT WITH CYLINDRICAL SHAFT FOR PUMP GR.3



The SU/3-C, is suitable for driving Gr.3 hydraulic pumps and motors, with belts, chain or other transmission, in which heavy combined loads take place (axial and radial).

The pump/motor Gr. 3, is directly flanged and connected by splined coupling (coupling to be ordered separately).

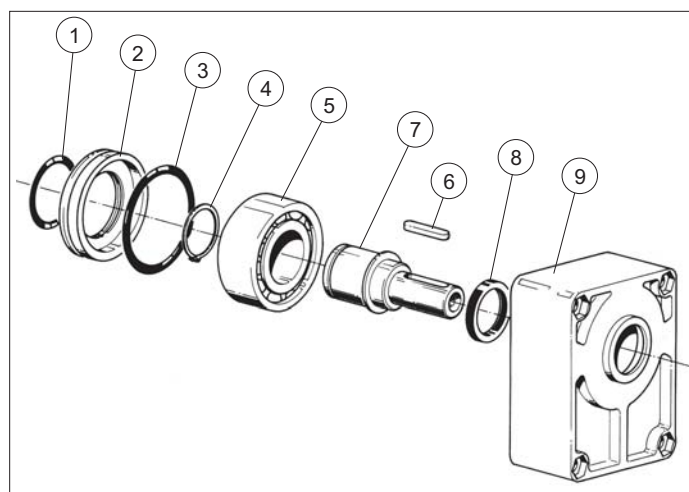
MAXIMUM LOAD ON THE SHAFT



FEATURES

Minimum radial load (*)	Fr = 277 N
Radial load (*)	See graphic
Axial load (*)	Fa ≤ Fr • 0,8
Max. revolutions per minute	3500 RPM
Life (*)	3500 hours
Max. working temperature	70 °C
Grease quantity	19 ÷ 23.5 gr
Type of grease	DIN 51818 NLGI classe 2

(*) Nominal values calculated according to ISO 281. For more information, contact our technical department.



SPARE PARTS

Ref.	Code	Description	Q.ty
1	Q25830122	O-Ring 50.47x2.62	1
2	39025900	Cover	1
3	Q25830232	O-Ring 73.03x3.53	1
4	Q27150400	Snap ring E40	1
5	44005400	Bearing 3208 40x80x30.2	1
6	Q27470305	Woodruff A8x7x40	1
7	34215500	Cylindrical shaft	1
8	44104100	Shaft seal 45x35x7	1
9	39043700	Body	1

ORDERING CODE

