



# SERFILCO INTERNATIONAL LTD

Pumps, Filters, Agitation Systems & Accessories

## SERIES SG MAGNETIC DRIVE PUMPS



SERFILCO “SG” Series PP & PVDF magnetic drive pumps are extremely resistant to chemical corrosion. Seal-less and ‘leak-proof’ construction provides total solution containment in the most demanding applications. Their innovative, efficient design, low energy consumption and chemical and temperature compatibility make them ideal handling even the most aggressive chemistries .

### Primary Parts Wetted Materials

PP or PVDF

Elastomers EPDM or Viton

Shaft: Al203 99,7%;

Bearing: PTFEC

Flows: up to 130m<sup>3</sup>/hr

TDH: up to 48mlc;

Temperature:

PP: 70°C Max

PVDF: 90°C Max.

Motors: IE3 Metric to 22kW

M/FBSP connections standard up to 45m<sup>3</sup>/hr

DIN Flange standard 45-130m<sup>3</sup>/hr

Chemical resistant PTFE/carbon sleeve bearings;

High torque magnetic coupling;

Direct starting motor.

OPTIONAL:

DIN or ANSI 150 flanges

Socket Union Connections

Baseplate;

Dry-running protection

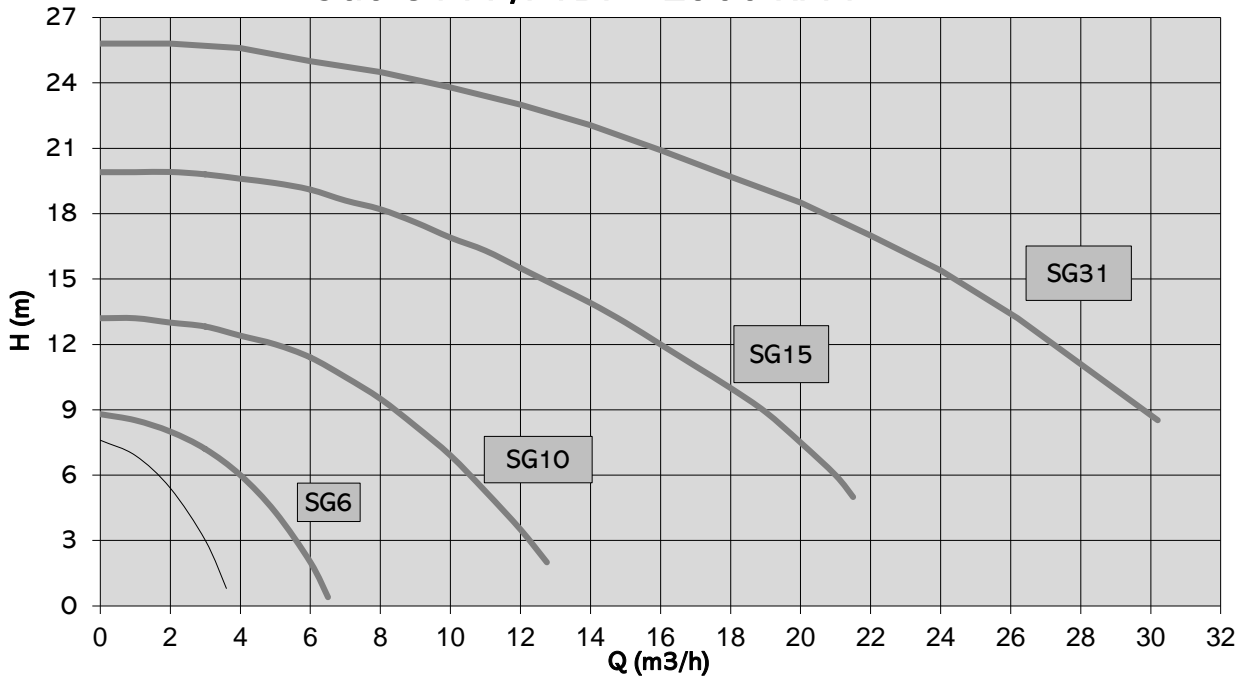
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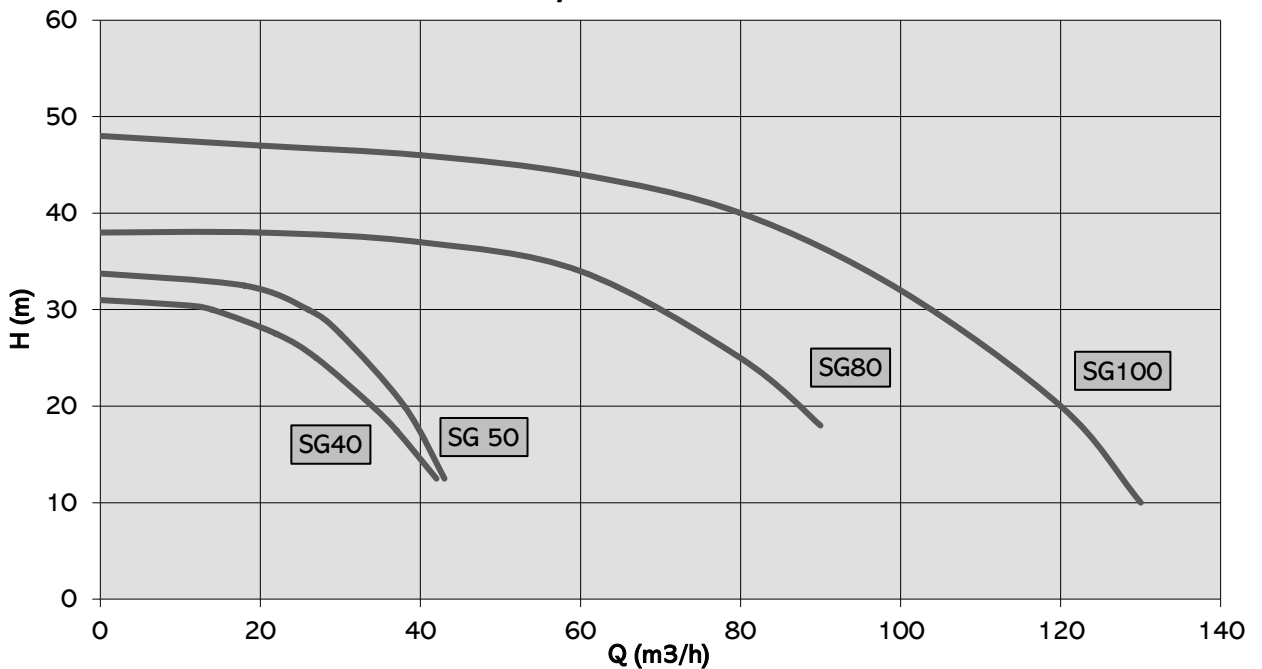
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### SG6-31 PP/PVDF - 2900 RPM



### SG40-100 PP/PVDF 2900 RPM



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## Ordering Information

Polypropylene / EPDM							
Curve	Model	Price Code	Q-max (l/m)	TDH max (m)	Materials	Motor (kW)	Connection
SG6(81)	SG6-1x3/4-MPLGC(81)-DM0.3	01-7406-81-DM0.33	91	8.5	PP/EPDM	0.25	1" FBSP x 3/4" MBSP
SG10(85)	SG10-11/2x1-MPLGC(85)-DM0.5	01-7410-85-DM0.5	183	9	PP/EPDM	0.37	1.5" FBSP x 1" MBSP
SG10(98)	SG10-11/2x1-MPLGC(98)-DM0.75	01-7410-98-DM0.75	235	11.3	PP/EPDM	0.55	1.5" FBSP x 1" MBSP
SG15(108)	SG15-2x11/2-MPLGC (108) DM1.5	01-7415-108-DM1.5	300	15	PP/EPDM	1.1	2" MBSP x 1.5" MBSP
SG15(123)	SG15-2x11/2-MPLGC (123) DM2.2	01-7415-123-DM2.2	350	20	PP/EPDM	1.5	2" MBSP x 1.5" MBSP
SG31(122)	SG31-21/2x2-MPLGC (122)-DM2.2	01-7431-122-DM2.2	533	24	PP/EPDM	1.5	2.5" MBSP x 2" MBSP
SG31(134)	SG31-21/2x2-MPLGC (134)-DM3.0	01-7431-134-DM3.0	567	24.5	PP/EPDM	2.2	2.5" MBSP x 2" MBSP
SG40(140)	SG40-3x21/2-MPLGC(140)-DM4.0	01-7440-140-DM4.0	667	31	PP/EPDM	3	3" MBSP x 2.5" MBSP
SG50(164)	SG50-3x21/2-MPLGC(164)-DM7.5	01-7450-164-DM7.5	717	33	PP/EPDM	5.5	3" MBSP x 2.5" MBSP
SG80(150)	SG80-80x65-MPLGC(150)-DM15.0	01-7480-150-DM15.0	1167	25	PP/EPDM	11	80mm x 65mm Flange
SG80(170)	SG80-80x65-MPLGC(170)-DM20.0	01-7480-170-DM20	1500	38	PP/EPDM	15	80mm x 65mm Flange
SG100(160)	SG100-100x80-MPLGC(160)-DM20.0	01-74100-160-DM20	1750	31	PP/EPDM	15	100mm x 80mm Flange
SG100(180)	SG100-100x80-MPLGC(180)-DM25.0	01-74100-180-DM25	2000	42	PP/EPDM	18.5	100mm x 80mm Flange
PVDF / Viton							
Curve	Model	Price Code	Q-max (l/m)	TDH max (m)	Materials	Motor (kW)	Connection
SG6(81)K	SG6-1x3/4-MKVGC(81)-DM0.3	01-7506-81-DM0.33	91	8.5	PVDF/Viton	0.25	1" FBSP x 3/4" MBSP
SG10(70)K	SG10-11/2x1-MKVGC(70)-DM0.5	01-7510-70-DM0.5	146	5.5	PVDF/Viton	0.37	1.5" FBSP x 1" MBSP
SG10(85)K	SG10-11/2x1-MKVGC(85)-DM0.5	01-7510-85-DM0.5	183	9	PVDF/Viton	0.37	1.5" FBSP x 1" MBSP
SG10(98)K	SG10-11/2x1-MKVGC(98)-DM0.75	01-7510-98-DM0.75	235	11.3	PVDF/Viton	0.55	1.5" FBSP x 1" MBSP
SG15(108)K	SG15-2x11/2-MKVGC (108) DM1.5	01-7515-108-DM1.5	300	15	PVDF/Viton	1.1	2" MBSP x 1.5" MBSP
SG15(123)K	SG15-2x11/2-MKVGC (123) DM2.2	01-7515-123-DM2.2	350	20	PVDF/Viton	1.5	2" MBSP x 1.5" MBSP
SG31(122)K	SG31-21/2x2-MKVGC (122)-DM2.2	01-7531-122-DM2.2	533	24	PVDF/Viton	1.5	2.5" MBSP x 2" MBSP
SG31(134)K	SG31-21/2x2-MKVGC (134)-DM3.0	01-7531-134-DM3.0	567	24.5	PVDF/Viton	2.2	2.5" MBSP x 2" MBSP
SG40(140)K	SG40-3x21/2-MKVGC(140)-DM4.0	01-7540-140-DM4.0	667	31	PVDF/Viton	3	3" MBSP x 2.5" MBSP
SG50(164)K	SG50-3x21/2-MKVGC(164)-DM7.5	01-7550-164-DM7.5	717	33	PVDF/Viton	5.5	3" MBSP x 2.5" MBSP
SG80(150)K	SG80-80x65-MKVGC(150)-DM15.0	01-7580-150-DM15.0	1167	25	PVDF/Viton	11	80mm x 65mm Flange
SG80(170)K	SG80-80x65-MKVGC(170)-DM20.0	01-7580-170-DM20	1500	38	PVDF/Viton	15	80mm x 65mm Flange
SG100(160)K	SG100-100x80-MKVGC(160)-DM20.0	01-75100-160-DM20	1750	31	PVDF/Viton	15	100mm x 80mm Flange
SG100(180)K	SG100-100x80-MKVGC(180)-DM25.0	01-75100-180-DM25	2000	42	PVDF/Viton	18.5	100mm x 80mm Flange

- Consult Sales office for
  - Alternative Impeller Trims & Motors
  - 60Hz, NEMA & NPT options
  - Dry run protection
  - SIC sleeve bearing
- To change EPDM to Viton change L to V in Model and add -V to price code
- To add DIN, ANSI or JIS Flanges to SG6-SG50 add -FL(DIN), FL(ANSI), FL(JIS)
- To add Socket Unions add- SU to code

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Call one of our engineers today, or visit [www.serfilco.co.uk](http://www.serfilco.co.uk) to view our full range of:

- Thermoplastic Pumps
  - Vertical Seal-less
  - Horizontal sealed
  - Self-priming
  - Drum Pumps
  - Air Operated Diaphragm Pumps
- Filtration Systems from 500lpm to 120m<sup>3</sup>/hr
- Filter Chambers – cartridge, disk, bag, paper-band
- Filter media
- Automated Sand Filters
- Carbon & Ion-X Purification Systems
- SerDuctor Airless Agitation Systems

SERFILCO are also able to offer full system design and installations, as well as a full on site or at factory repair and maintenance programme.

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