

## SUCTION GUIDES - MODEL SG – PN 16 FLANGED

### Sizes 350mm – 500mm (14" – 20")

## SUBMITTAL

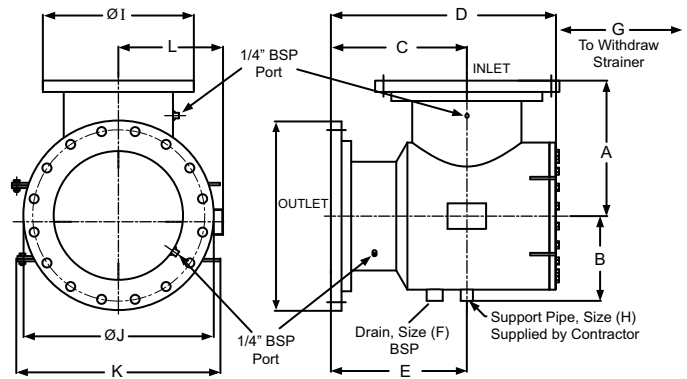
|                   |                                 |
|-------------------|---------------------------------|
| JOB: _____        | REPRESENTATIVE: _____           |
| _____             | ORDER NO: _____ DATE: _____     |
| ENGINEER: _____   | SUBMITTED BY: _____ DATE: _____ |
| CONTRACTOR: _____ | APPROVED BY: _____ DATE: _____  |

| MODEL NUMBER | CONNECTION SIZES PN 16 FLANGED |                | QUANTITY REQUIRED | IDENTIFICATION |
|--------------|--------------------------------|----------------|-------------------|----------------|
|              | INLET FROM SYSTEM              | OUTLET TO PUMP |                   |                |
|              |                                |                |                   |                |
|              |                                |                |                   |                |
|              |                                |                |                   |                |
|              |                                |                |                   |                |
|              |                                |                |                   |                |
|              |                                |                |                   |                |

| MATERIALS OF CONSTRUCTION                 |                                     |
|---|-------------------------------------|
| Body                                      | Carbon Steel                        |
| Strainer                                  | Stainless Steel, 3mm (0.125") Perf. |
| Start-Up Strainer (remove after 24 hours) | Fine Mesh Galvanized Steel          |
| Guide Vanes                               | Carbon Steel                        |
| Cover Plate                               | Carbon Steel                        |
| Cover Gasket                              | Synthetic Fibre                     |

|                                       |                    |
|---------------------------------------|--------------------|
| <b>MAXIMUM WORKING PRESSURE:</b>      | 12 bars (175 psig) |
| <b>MAXIMUM OPERATING TEMPERATURE:</b> | 150°C (300°F)      |

| OPTIONS: |
|----------|
|          |



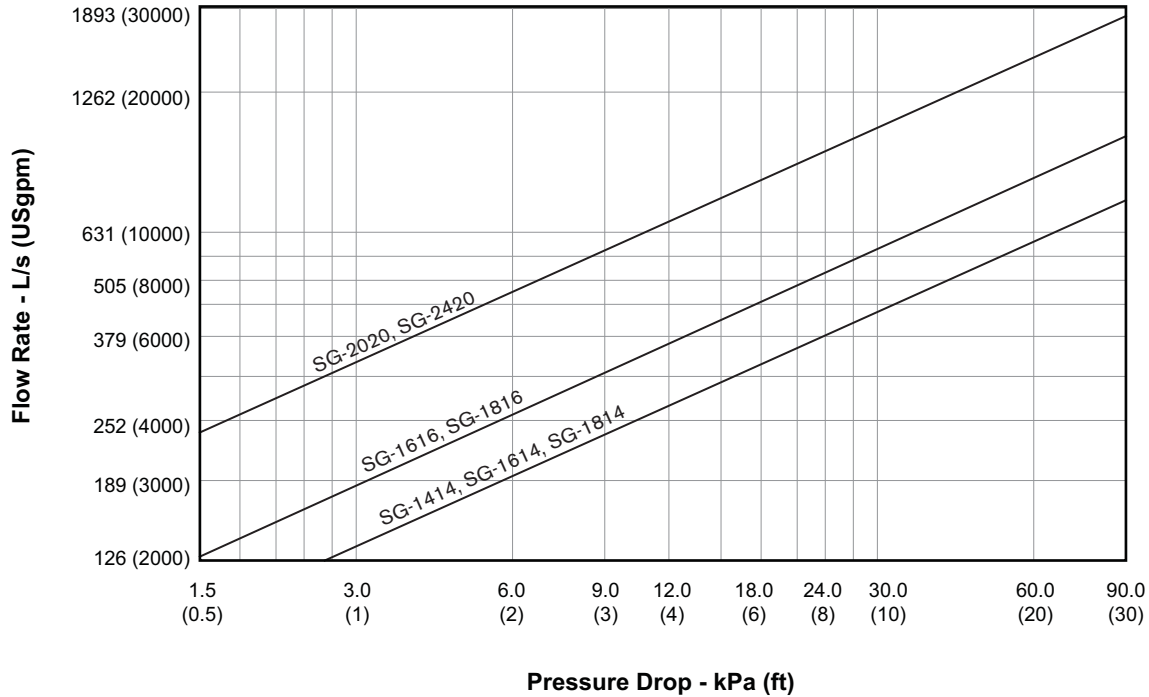
Reversible hinged cover supplied as standard.

### DIMENSIONAL DATA SG

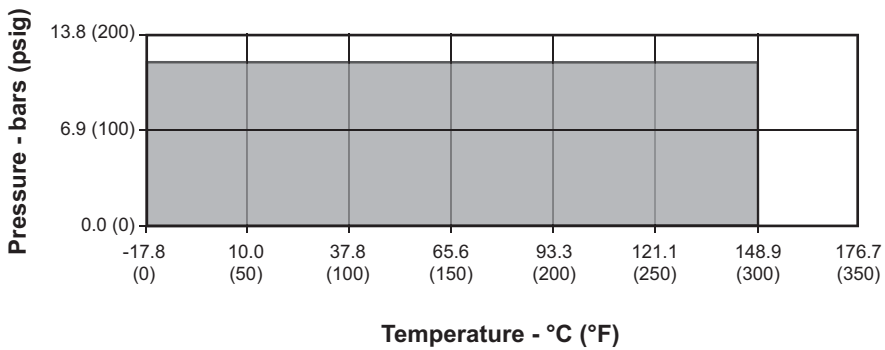
| MODEL   | Connection Size |             | Strainer Free Area<br>cm <sup>2</sup> (in <sup>2</sup> ) | DIMENSIONS in mm (Inches) |             |             |              |             |           |             |           |             |             |             |             | Weight<br>kg (lbs) |
|---------|-----------------|-------------|--|---------------------------|-------------|-------------|--------------|-------------|-----------|-------------|-----------|-------------|-------------|-------------|-------------|--------------------|
|         | System          | Pump        |  | A                         | B           | C           | D            | E           | F         | G           | H         | I           | J           | K           | L           |                    |
| SG-1414 | 350 (14.00)     | 350 (14.00) | 3981 (617)   | 419 (16.50)               | 297 (11.69) | 467 (18.38) | 810 (31.88)  | 467 (18.38) | 38 (1.50) | 648 (25.50) | 50 (2.00) | 533 (21.00) | 533 (21.00) | 578 (22.75) | 297 (11.69) | 272.7 (600)        |
| SG-1614 | 400 (16.00)     | 350 (14.00) | 3981 (617)   | 419 (16.50)               | 297 (11.69) | 470 (18.50) | 810 (31.88)  | 470 (18.50) | 38 (1.50) | 648 (25.50) | 50 (2.00) | 597 (23.50) | 533 (21.00) | 578 (22.75) | 297 (11.69) | 284.1 (625)        |
| SG-1814 | 450 (18.00)     | 350 (14.00) | 3981 (617)   | 419 (16.50)               | 297 (11.69) | 489 (19.25) | 810 (31.88)  | 489 (19.25) | 38 (1.50) | 648 (25.50) | 50 (2.00) | 635 (25.00) | 533 (21.00) | 603 (23.75) | 297 (11.69) | 313.6 (690)        |
| SG-1616 | 400 (16.00)     | 400 (16.00) | 5013 (777)   | 419 (16.50)               | 337 (13.25) | 495 (19.50) | 848 (33.38)  | 495 (19.50) | 38 (1.50) | 686 (27.00) | 50 (2.00) | 597 (23.50) | 597 (23.50) | 645 (25.38) | 335 (13.19) | 359.1 (790)        |
| SG-1816 | 450 (18.00)     | 400 (16.00) | 5013 (777)   | 419 (16.50)               | 337 (13.25) | 503 (19.81) | 848 (33.38)  | 503 (19.81) | 38 (1.50) | 686 (27.00) | 50 (2.00) | 635 (25.00) | 597 (23.50) | 645 (25.38) | 335 (13.19) | 377.3 (830)        |
| SG-2020 | 500 (20.00)     | 500 (20.00) | 8374 (1298)  | 419 (16.50)               | 394 (15.50) | 597 (23.50) | 1060 (41.75) | 597 (23.50) | 50 (2.00) | 864 (34.00) | 50 (2.00) | 699 (27.50) | 699 (27.50) | 749 (29.50) | 392 (15.44) | 595.4 (1310)       |
| SG-2420 | 600 (24.00)     | 500 (20.00) | 8374 (1298)  | 419 (16.50)               | 394 (15.50) | 622 (24.50) | 1060 (41.75) | 622 (24.50) | 50 (2.00) | 864 (34.00) | 50 (2.00) | 813 (32.00) | 699 (27.50) | 749 (29.50) | 392 (15.44) | 640.9 (1410)       |

Dimensions and weights are for reference only. Please allow +/- 6mm (0.25") dimensional tolerance. Contact the factory for certified dimension prints.

## FLOW RATE / PRESSURE DROP CHART



## PRESSURE / TEMPERATURE CHART



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