

Standard-Elbow  
Fabricated 'SLS'  
Discharge Head  
Friction Loss 3"-24"

| Loss<br>Coeff. | Fabricated Standard Discharge Head |       |       |       |       |        |        |        |        |        |        |        |
|----------------|------------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
|                | SLS-3                              | SLS-4 | SLS-5 | SLS-6 | SLS-8 | SLS-10 | SLS-12 | SLS-14 | SLS-16 | SLS-18 | SLS-20 | SLS-24 |
| Lequiv (ft)    | 1.371                              | 1.238 | 1.209 | 1.088 | 0.939 | 0.859  | 0.799  | 0.761  | 0.797  | 0.691  | 0.801  | 0.642  |
| GPM            | 16.6                               | 21.4  | 27.5  | 30.9  | 37.8  | 45.4   | 52.6   | 60.3   | 74.1   | 74.0   | 97.3   | 97.0   |
| Head Loss (ft) |                                    |       |       |       |       |        |        |        |        |        |        |        |
| 100            | 0.44                               |       |       |       |       |        |        |        |        |        |        |        |
| 125            | 0.69                               |       |       |       |       |        |        |        |        |        |        |        |
| 150            | 0.99                               | 0.28  |       |       |       |        |        |        |        |        |        |        |
| 175            | 1.34                               | 0.38  |       |       |       |        |        |        |        |        |        |        |
| 200            | 1.76                               | 0.50  |       |       |       |        |        |        |        |        |        |        |
| 225            | 2.22                               | 0.64  | 0.25  |       |       |        |        |        |        |        |        |        |
| 250            | 2.74                               | 0.78  | 0.31  |       |       |        |        |        |        |        |        |        |
| 275            | 3.32                               | 0.95  | 0.38  |       |       |        |        |        |        |        |        |        |
| 300            | 3.95                               | 1.13  | 0.45  |       |       |        |        |        |        |        |        |        |
| 400            |                                    | 2.01  | 0.80  | 0.35  |       |        |        |        |        |        |        |        |
| 500            |                                    | 3.14  | 1.25  | 0.54  |       |        |        |        |        |        |        |        |
| 600            |                                    |       | 1.81  | 0.78  | 0.21  |        |        |        |        |        |        |        |
| 700            |                                    |       | 2.46  | 1.07  | 0.29  |        |        |        |        |        |        |        |
| 800            |                                    |       | 3.21  | 1.39  | 0.38  |        |        |        |        |        |        |        |
| 900            |                                    |       | 4.06  | 1.76  | 0.48  | 0.18   |        |        |        |        |        |        |
| 1000           |                                    |       |       | 2.18  | 0.59  | 0.22   |        |        |        |        |        |        |
| 1250           |                                    |       |       | 3.40  | 0.93  | 0.35   | 0.16   |        |        |        |        |        |
| 1500           |                                    |       |       |       | 1.34  | 0.50   | 0.22   |        |        |        |        |        |
| 1750           |                                    |       |       |       | 1.82  | 0.68   | 0.31   | 0.16   |        |        |        |        |
| 2000           |                                    |       |       |       | 2.38  | 0.89   | 0.40   | 0.21   |        |        |        |        |
| 2250           |                                    |       |       |       | 3.01  | 1.13   | 0.51   | 0.26   | 0.16   |        |        |        |
| 2500           |                                    |       |       |       |       | 1.39   | 0.62   | 0.32   | 0.20   |        |        |        |
| 2750           |                                    |       |       |       |       | 1.69   | 0.76   | 0.39   | 0.24   |        |        |        |
| 3000           |                                    |       |       |       |       | 2.01   | 0.90   | 0.46   | 0.28   | 0.15   |        |        |
| 3250           |                                    |       |       |       |       | 2.35   | 1.06   | 0.54   | 0.33   | 0.18   |        |        |
| 3500           |                                    |       |       |       |       | 2.73   | 1.22   | 0.63   | 0.39   | 0.21   | 0.16   |        |
| 3750           |                                    |       |       |       |       |        | 1.41   | 0.72   | 0.44   | 0.24   | 0.18   |        |
| 4000           |                                    |       |       |       |       |        | 1.60   | 0.82   | 0.50   | 0.27   | 0.21   |        |
| 4250           |                                    |       |       |       |       |        | 1.81   | 0.93   | 0.57   | 0.31   | 0.23   |        |
| 4500           |                                    |       |       |       |       |        | 2.02   | 1.04   | 0.64   | 0.35   | 0.26   |        |
| 4750           |                                    |       |       |       |       |        | 2.25   | 1.16   | 0.71   | 0.39   | 0.29   |        |
| 5000           |                                    |       |       |       |       |        | 2.50   | 1.28   | 0.79   | 0.43   | 0.32   | 0.13   |
| 6000           |                                    |       |       |       |       |        |        | 1.85   | 1.13   | 0.61   | 0.47   | 0.18   |
| 7000           |                                    |       |       |       |       |        |        | 2.52   | 1.54   | 0.84   | 0.64   | 0.25   |
| 8000           |                                    |       |       |       |       |        |        |        | 2.02   | 1.09   | 0.83   | 0.32   |
| 9000           |                                    |       |       |       |       |        |        |        | 2.55   | 1.38   | 1.05   | 0.41   |
| 10000          |                                    |       |       |       |       |        |        |        |        | 1.71   | 1.30   | 0.50   |
| 12500          |                                    |       |       |       |       |        |        |        |        |        | 2.03   | 0.78   |
| 15000          |                                    |       |       |       |       |        |        |        |        |        |        | 1.13   |
| 17500          |                                    |       |       |       |       |        |        |        |        |        |        | 1.54   |
| 20000          |                                    |       |       |       |       |        |        |        |        |        |        | 2.01   |