

## Q Series - 60 GPM

All Q Series Stainless Steel Submersible Pumps are designed to pump within the 60 GPM range. Sizes are available from 1 1/2 to 7 1/2 HP. All models are standard with 2" NPT discharge.

### Two Wire Single Phase

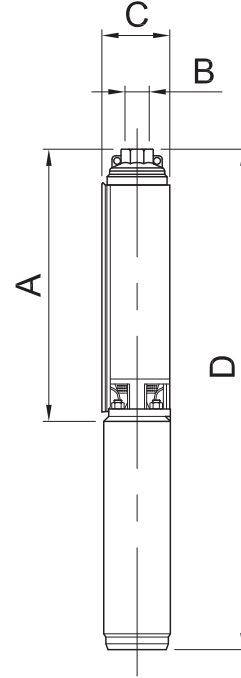
| Model No. | HP    | Stages | Volt | A     | B  | C    | D     | Wt. |
|-----------|-------|--------|------|-------|----|------|-------|-----|
| 24150Q2   | 1 1/2 | 4      | 230  | 14.9" | 2" | 3.9" | 30.8" | 40  |

### Three Wire Single Phase

| Model No. | HP    | Stages | Volt | A     | B  | C    | D     | Wt. |
|-----------|-------|--------|------|-------|----|------|-------|-----|
| 24150Q3   | 1 1/2 | 4      | 230  | 14.9" | 2" | 3.9" | 30.8" | 44  |
| 24200Q3   | 2     | 5      | 230  | 16.9" | 2" | 3.9" | 34.3" | 48  |
| 24300Q3   | 3     | 7      | 230  | 21.0" | 2" | 3.9" | 40.5" | 60  |
| 24500Q3   | 5     | 11     | 230  | 29.2" | 2" | 3.9" | 56.1" | 95  |

### Three Wire Three Phase

| Model No. | HP    | Stages | Volt | A     | B  | C    | D     | Wt. |
|-----------|-------|--------|------|-------|----|------|-------|-----|
| 24150Q3Z  | 1 1/2 | 4      | 230  | 14.9" | 2" | 3.9" | 29.8" | 38  |
| 24150Q3Y  | 1 1/2 | 4      | 460  | 14.9" | 2" | 3.9" | 29.8" | 38  |
| 24200Q3Z  | 2     | 5      | 230  | 16.9" | 2" | 3.9" | 32.9" | 44  |
| 24200Q3Y  | 2     | 5      | 460  | 16.9" | 2" | 3.9" | 32.9" | 44  |
| 24300Q3Z  | 3     | 7      | 230  | 21.0" | 2" | 3.9" | 38.3" | 51  |
| 24300Q3Y  | 3     | 7      | 460  | 21.0" | 2" | 3.9" | 38.3" | 51  |
| 24500Q3Z  | 5     | 11     | 230  | 29.2" | 2" | 3.9" | 56.1" | 74  |
| 24500Q3Y  | 5     | 11     | 460  | 29.2" | 2" | 3.9" | 56.1" | 73  |
| 24750Q3Z  | 7 1/2 | 17     | 230  | 43.0" | 2" | 3.9" | 69.9" | 97  |
| 24750Q3Y  | 7 1/2 | 17     | 460  | 43.0" | 2" | 3.9" | 69.9" | 95  |



### 4" Stainless Steel Pump Ends

| Model No. | HP    | Wt. |
|-----------|-------|-----|
| 24150Q    | 1 1/2 | 9   |
| 24200Q    | 2     | 10  |
| 24300Q    | 3     | 12  |
| 24500Q    | 5     | 16  |
| 24750Q    | 7 1/2 | 23  |

### Output - in Gallons Per Minute (Depth to Water)

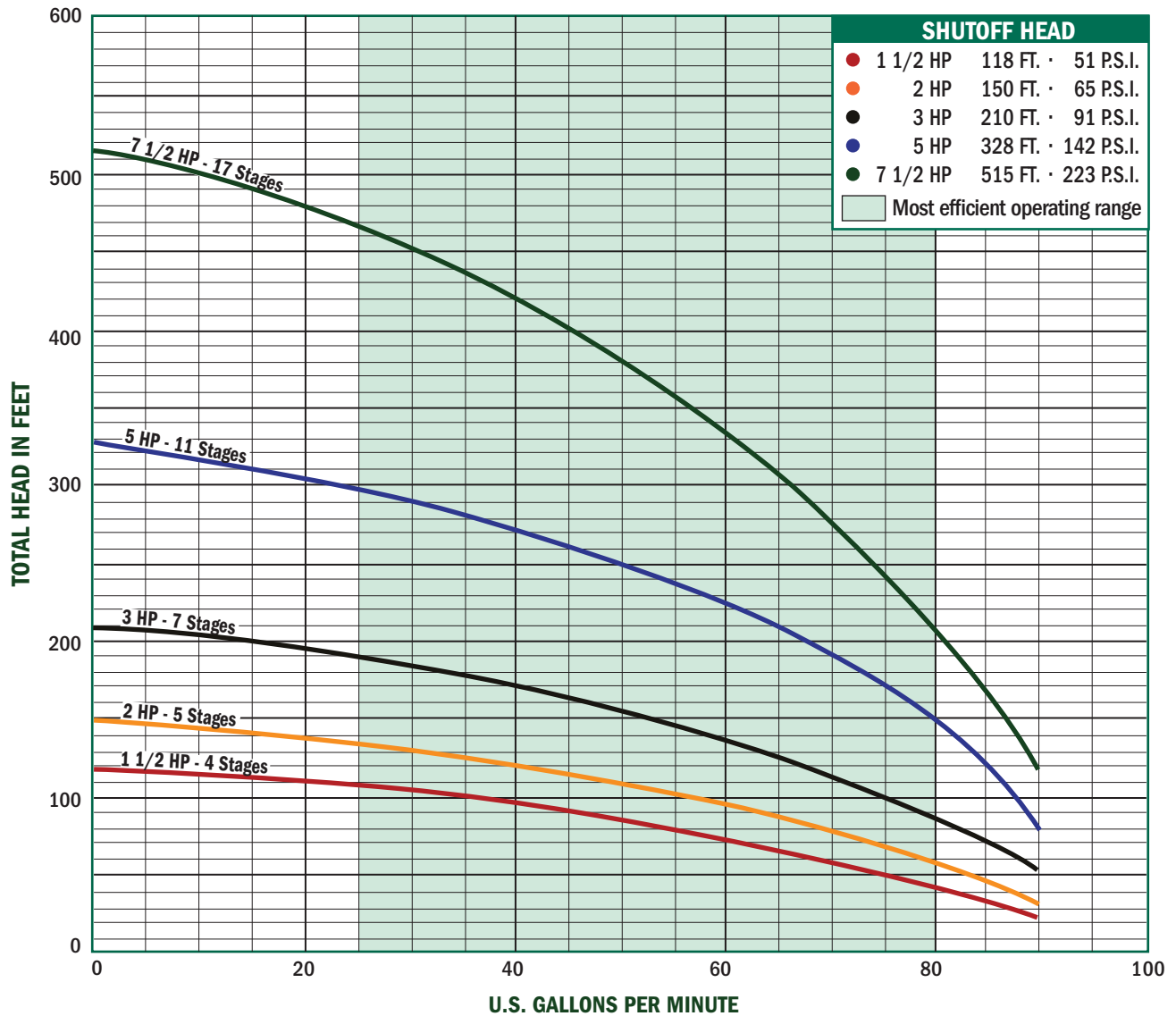
| 1 1/2 HP | PSI | 10' | 20' | 30' | 40' | 50' | 60' | 70' | 80' | 90' | 100' |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|          | 0   |     |     | 85  | 79  | 74  | 67  | 61  | 53  | 44  | 35   |
|          | 30  | 53  | 44  | 35  | 18  |     |     |     |     |     |      |

| 2 HP | PSI | 10' | 20' | 30' | 40'  | 50' | 60' | 70' | 80' | 90' | 100' | 120' |
|------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|------|
|      | 0   |     |     |     | 84   | 82  | 78  | 73  | 67  | 62  | 55   | 39   |
|      | 30  |     | 62  | 55  | 47.5 | 39  | 28  | 15  |     |     |      |      |

| 3 HP | PSI | 30' | 40' | 50' | 60' | 70' | 80' | 90' | 100' | 120' | 140' | 160' | 180' |
|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
|      | 0   |     |     |     |     | 84  | 81  | 77  | 73   | 66   | 57   | 46   | 33   |
|      | 30  |     |     | 66  | 62  | 57  | 52  | 46  | 40   |      |      |      |      |

FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

# Q Series - 60 GPM



Submersible Pumps

| 5 HP | PSI | 80' | 100' | 120' | 140' | 160' | 180' | 200' | 220' | 240' | 260' | 280' |
|------|-----|-----|------|------|------|------|------|------|------|------|------|------|
|      | 0   |     |      |      |      | 77   | 72.5 | 67   | 60   | 53   | 44   | 28.5 |
| 30   |     |     | 69   | 66   | 62.5 | 50   | 40   | 28   | 16   |      |      |      |
| 50   | 69  | 62  | 55   | 47   | 38   | 26   | 15   |      |      |      |      |      |

| 7 1/2 HP | PSI | 120' | 140' | 160' | 180' | 200' | 220' | 240' | 260' | 280' | 300' | 340' | 380' | 420' |
|----------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
|          | 0   |      |      |      |      | 80   | 78   | 75   | 72   | 69   | 66   | 62   | 50   | 39   |
| 30       |     |      | 75   | 73   | 70.5 | 67.5 | 64   | 60   | 56   | 52.5 | 42   |      |      |      |
| 50       | 76  | 73   | 69   | 67   | 63   | 57   | 55   | 50   | 46   |      |      |      |      |      |

FRICITION LOSSES IN RISER PIPE  
HAVE NOT BEEN CALCULATED