

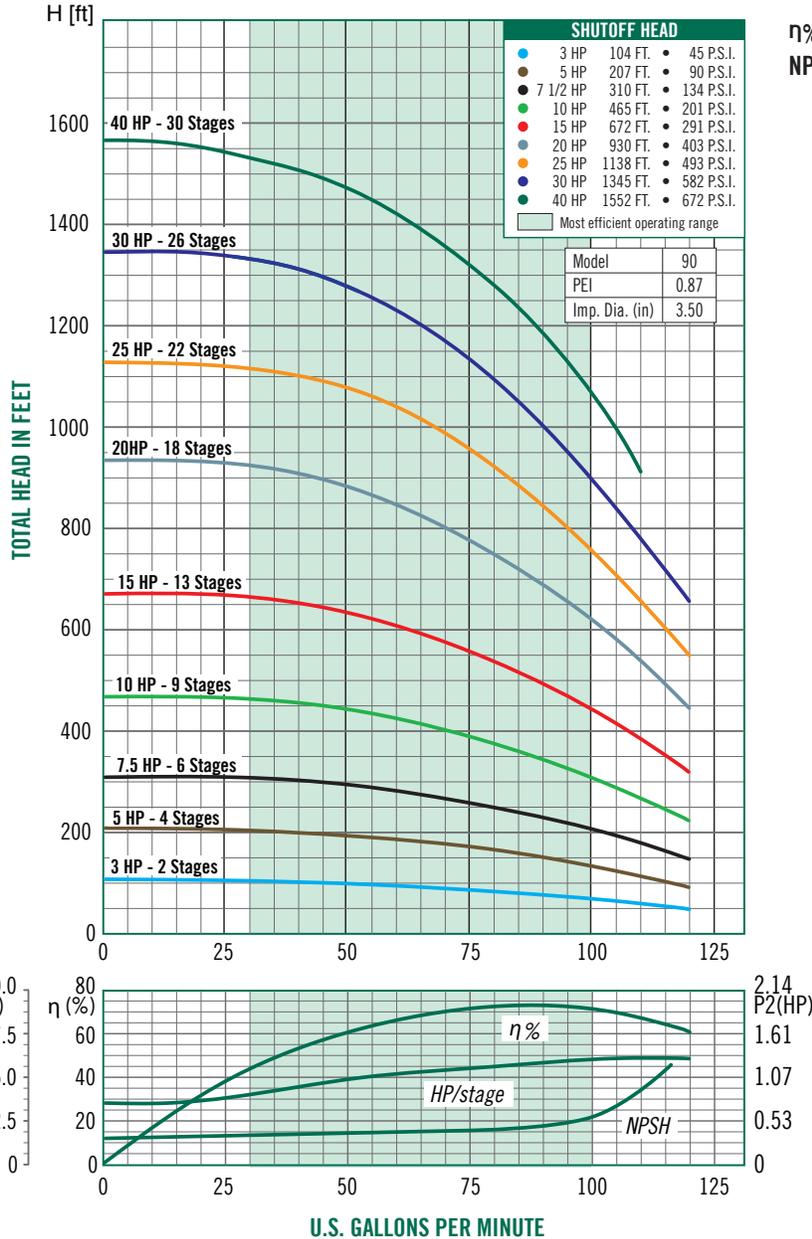
# SUBMITTAL DATA SHEET

6", 8" & 10" Pump Ends  
90 - 1100 GPM Stainless Steel Pumps

## 90 GPM



A.Y. McDonald stainless steel pump ends offer peak capacity performance in its 90 gallons per minute (GPM). Each pump end includes cable guard, bolts, and washers. The 90 gallons per minute (GPM) is a 6" Stainless Steel Pump End that ranges in size from 3 to 40 horsepower (HP).



η% - Efficiency of motor  
NPSH - Ft. of water above the pump

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



A.Y. McDonald Mfg. Co.  
P.O. Box 508  
Dubuque, IA 52004-0508

Toll Free: 1-800-292-2737  
Fax: 1-800-832-9296  
Hours: 7:00 a.m. - 5:00 p.m., CST

sales@aymcdonald.com  
www.aymcdonald.com

A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

# SUBMITTAL DATA SHEET

6", 8" & 10" Pump Ends  
90 - 1100 GPM Stainless Steel Pumps

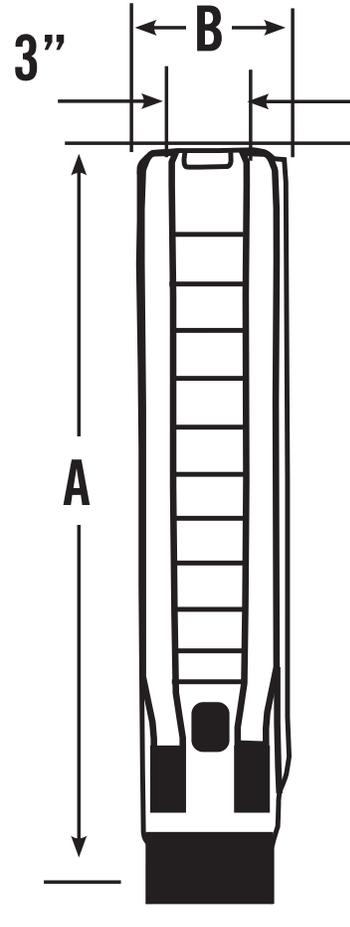
**90 GPM**



**Models Available**

| Model No.  | HP  | Stages | Motor Size | Disch. Size | A     | B    | Wt.    |
|------------|-----|--------|------------|-------------|-------|------|--------|
| 90S3HP64   | 3   | 2      | 4"         | 3"          | 15.87 | 5.16 | 14.14  |
| 90S5HP64   | 5   | 4      | 4"         | 3"          | 20.63 | 5.16 | 20.55  |
| 90S7.5HP66 | 7.5 | 6      | 6"         | 3"          | 25.39 | 5.59 | 26.96  |
| 90S10HP66  | 10  | 9      | 6"         | 3"          | 32.56 | 5.59 | 36.69  |
| 90S15HP66  | 15  | 13     | 6"         | 3"          | 42.09 | 5.59 | 49.50  |
| 90S20HP66  | 20  | 18     | 6"         | 3"          | 53.98 | 5.59 | 65.42  |
| 90S25HP66  | 25  | 22     | 6"         | 3"          | 63.50 | 5.59 | 78.23  |
| 90S30HP66  | 30  | 26     | 6"         | 3"          | 73.03 | 5.59 | 91.05  |
| 90S40HP66  | 40  | 30     | 6"         | 3"          | 82.60 | 5.59 | 103.60 |

| Component                    | Materials                | Standard  |
|------------------------------|--------------------------|-----------|
| Discharge                    | Stainless Steel          | 304       |
| Valve Cone                   | Stainless Steel          | 304       |
| Valve Seat                   | Stainless Steel / Rubber | 304 / NBR |
| Top Diffuser                 | Stainless Steel          | 304       |
| Upper Bearing                | Stainless Steel / Rubber | 304 / NBR |
| Neck Ring                    | Stainless Steel / Rubber | 304 / NBR |
| Bearing                      | Rubber                   | NBR       |
| Diffuser                     | Stainless Steel          | 304       |
| Split Cone Nut               | Stainless Steel          | 304       |
| Split Cone                   | Stainless Steel          | 304       |
| Ring of Impeller             | Stainless Steel          | 304       |
| Impeller                     | Stainless Steel          | 304       |
| Bottom Diffuser              | Stainless Steel          | 304       |
| Lower Bearing                | Stainless Steel / Rubber | 304 / NBR |
| Stop Ring                    | Stainless Steel          | 304       |
| Spacing Washer for Stop Ring | PTFE / CF                |           |
| Neck Ring Retainer           | Stainless Steel          | 304       |
| Strainer                     | Stainless Steel          | 304       |
| Suction Interconnector       | Stainless Steel          | 304       |
| Pump Shaft                   | Stainless Steel          | 431       |
| Coupling                     | Stainless Steel          | 304       |
| Strap                        | Stainless Steel          | 304       |
| Nut                          | Stainless Steel          | 304       |
| Cable Guard                  | Stainless Steel          | 304       |



**Fig. A**

**NO-LEAD:** The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



**A.Y. McDonald Mfg. Co.**  
P.O. Box 508  
Dubuque, IA 52004-0508

**Toll Free:** 1-800-292-2737  
**Fax:** 1-800-832-9296  
**Hours:** 7:00 a.m. - 5:00 p.m., CST

sales@aymcdonald.com  
www.aymcdonald.com

A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

**Submitted by:**