

#### CK 800 Performance Curve

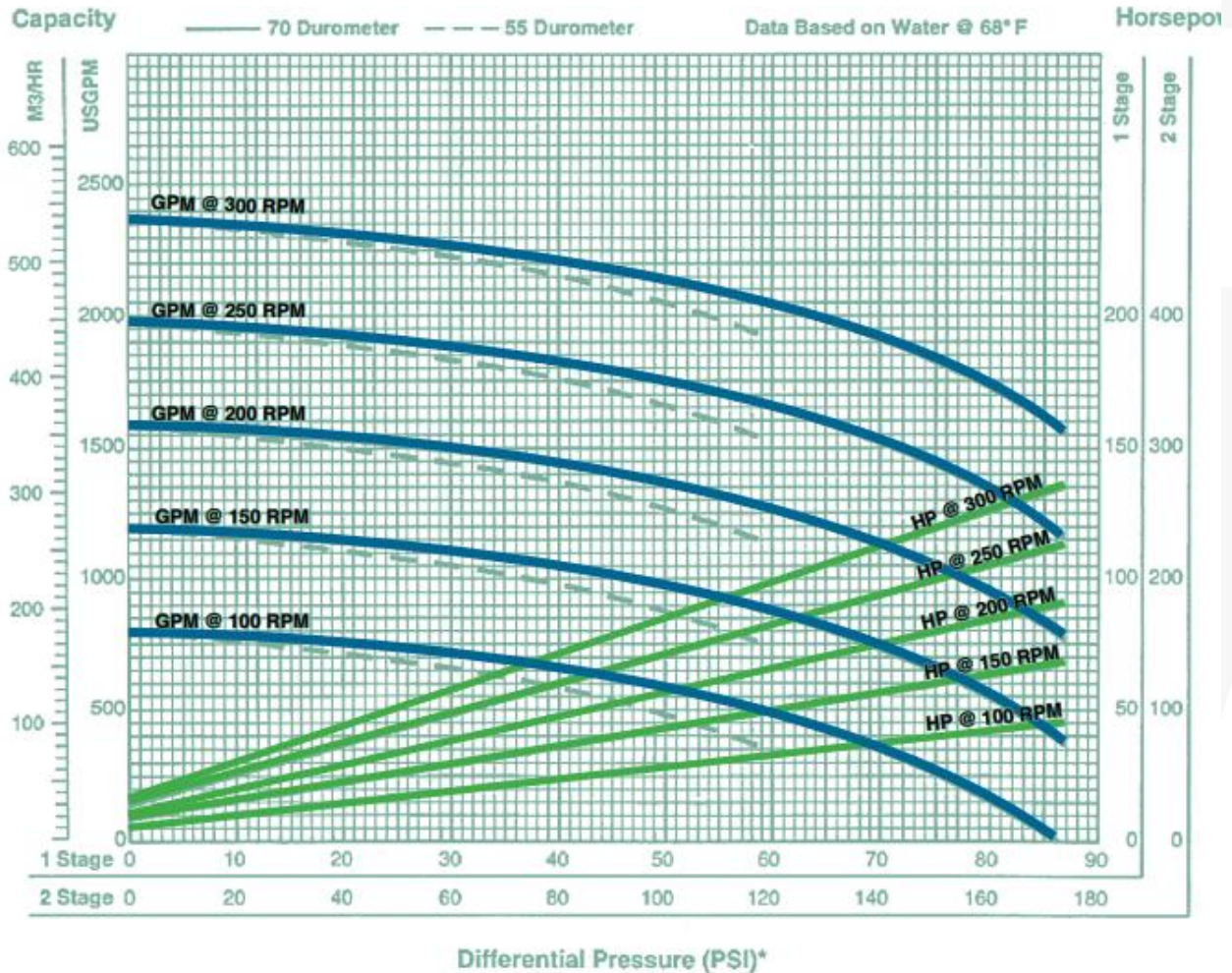
Element: 800

Models: 1K800, 2K800

Use appropriate HP and pressure scales for the number of stages required.

**NOTE:** Pressure limits rated at 87 psi/stage (70 Duro.) Some models have additional limits. Please consult factory before making final selection.

| RPM                                   |       | 100  | 150  | 200  | 250  | 300  |
|---------------------------------------|-------|------|------|------|------|------|
| NPSH Required — (Ft.)                 |       | 3.2  | 6.3  | 10.4 | 14.5 | 20.0 |
| Minimum Recommended Motor HP          | 1 STG | 20   | 30   | 40   | 50   | 60   |
|                                       | 2 STG | 40   | 60   | 80   | 100  | 120  |
| Drive End HP                          | K     | 1.30 | 1.95 | 2.60 | 3.25 | 3.90 |
| Must be added to HP value from curve. |       |      |      |      |      |      |



\*(PSI x .069 = BAR) (PSI x .070 = kgf/cm<sup>2</sup>) (USGPM x .2271 = M<sup>3</sup>/HR) (HP x .746 = kW)

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