

# CONTINENTAL<sup>®</sup> PROGRESSING CAVITY ULTRAPUMP

A DIVISION OF KINETIFLO<sup>®</sup>  
GROUP

## CK 175 Performance Curve

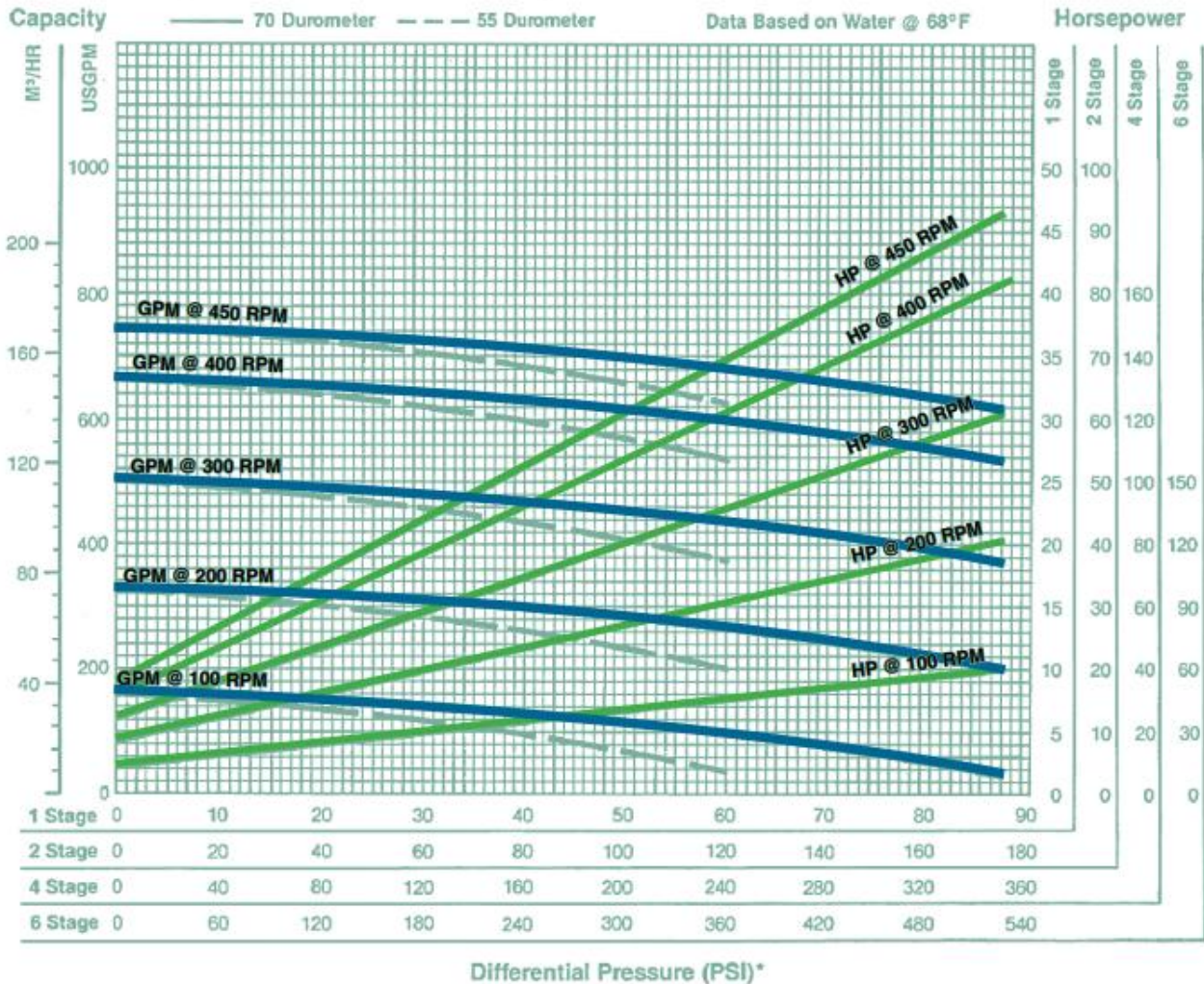
Element: 175

Models: 1H175, 2H175, 2J175  
4J175, 4K175, 6K175

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  | 200  | 300  | 400   | 500   |
|-------------------------------------------------------|-------|------|------|------|-------|-------|
| NPSH Required — (Ft.)                                 |       | 1.70 | 3.50 | 7.40 | 11.80 | 14.10 |
| Minimum Recommended Motor HP                          | 1 STG | 7½   | 15   | 20   | 25    | 30    |
|                                                       | 2 STG | 10   | 20   | 25   | 40    | 40    |
|                                                       | 4 STG | 15   | 30   | 40   | 60    | 60    |
|                                                       | 6 STG | 20   | 40   | 60   | 75    | 75    |
| Drive End HP<br>Must be added to HP value from curve. | H     | 0.60 | 1.10 | 1.70 | 2.30  | 2.80  |
|                                                       | J     | 0.70 | 1.40 | 2.00 | 2.70  | 3.40  |
|                                                       | K     | 1.30 | 2.60 | 3.90 | 5.20  | 5.90  |



\*(PSI x .069 = BAR) (PSI x .070 = kgf/cm²) (USGPM x .2271 = M³/HR) (HP x .746 = kW)

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