15GDS/GXS & 20GDS/GXS

SUBMERSIBLE GRINDER PUMPS SINGLE AND THREE PHASE PERFORMANCE CURVES
1Ø Composite Curves

<table>
<thead>
<tr>
<th>Impeller Code</th>
<th>Order Number</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>20G-S2J31F1D</td>
<td>9.4</td>
</tr>
<tr>
<td>G</td>
<td>15G-S2H31G3D</td>
<td>5.4</td>
</tr>
<tr>
<td>H</td>
<td>15G-S2G31H2D</td>
<td>3</td>
</tr>
<tr>
<td>J</td>
<td>20G-S2J31J1D</td>
<td>9.4</td>
</tr>
<tr>
<td>K</td>
<td>20G-S2H31K3D</td>
<td>5.4</td>
</tr>
<tr>
<td>L</td>
<td>15G-S2G31L2D</td>
<td>3</td>
</tr>
</tbody>
</table>

Customer____________________________________
Pump Item____________________________________
Condition of Service  Impeller Diameter _____ GPM _______TDH _______EFF%
Certified for: Approval □
By ___________ Date ___________ Record □
15GDS/GXS 3 HP Single Phase "H" Curve

- **SERIES**: GDS/GXS
- **DISCHARGE**: 1½"
- **HP**: 3 Single Phase
- **IMPELLER**: “H”

- ▲ = Best Efficiency
- L = Limited to intermittent duty below this point
- C = Cavitation limit
15GDS/GXS 3 HP Single Phase "L" Curve

- SERIEAS: GDS/GXS
- DISCHARGE: 1 1/2"
- HP: 3 Single Phase
- IMPELLER: "L"

- □ = Best Efficiency
- L = Limited to intermittent duty below this point
- C = Cavitation limit
15GDS/GXS 5.4 HP Single Phase "G" Curve

- **SERIES:** GDS/GXS
- **DISCHARGE:** 1 1/2"
- **HP:** 5.4 Single Phase
- **IMPELLER:** "G"

- \( \square \) = Best Efficiency
- \( L \) = Limited to intermittent duty below this point
20GDS/GXS 5.4 HP Single Phase "K" Curve

- SERIES: GDS/GXS
- DISCHARGE: 2"
- HP: 5.4 Single Phase
- IMPELLER: "K"

= Best Efficiency
L = Limited to intermittent duty below this point
20GDS/GXS 9.4 HP Single Phase "F" Curve

SERIES: GDS/GXS
DISCHARGE: 2"
HP: 9.4 Single Phase
IMPELLER: “F”

FLOW GPM

FEET

TOTAL DYNAMIC HEAD

FLOW GPM

S = Risk of sedimentation at velocity below 2 ft./sec.
L = Limited to intermittent duty below this point
□ = Best Efficiency
20GDS/GXS 9.4HP Single Phase "J" Curve

= Best Efficiency
L = Limited to intermittent duty below this point
C = Cavitation limit
15GDS/GXS 5.4 HP Three Phase "C" Curve

- SERIES: GDS/GXS
- DISCHARGE: 1½"
- HP: 5.4 Three Phase
- IMPELLER: “C”

FLOW GPM

- □ = Best Efficiency
- L = Limited to intermittent duty below this point
- C = Cavitation limit
15GDS/GXS 6 HP Three Phase "B" Curve

SERIES: GDS/GXS
DISCHARGE: 1½"
HP: 6 Three Phase
IMPELLER: “B”

FLOW GPM

FEET

TOTAL DYNAMIC HEAD

= Best Efficiency
L = Limited to intermittent duty below this point
20GDS/GXS 6 HP Three Phase "E" Curve

- SERIES: GDS/GXS
- DISCHARGE: 2"
- HP: 6 Three Phase
- IMPELLER: “E”

Diagram:
- Indicates "Best Efficiency" points
- L = Limited to intermittent duty below this point
20GDS/GXS 11 HP Three Phase "A" Curve

- SERIES: GDS/GXS
- DISCHARGE: 2"
- HP: 11 Three Phase
- IMPELLER: “A”

Legend:
- □ = Best Efficiency
- L = Limited to intermittent duty below this point
- C = Cavitation limit
20GDS/GXS 11 HP Three Phase "D" Curve

- **SERIES**: GDS/GXS
- **DISCHARGE**: 2"
- **HP**: 11 Three Phase
- **IMPELLER**: "D"

Legend:
- □ = Best Efficiency
- L = Limited to intermittent duty below this point
Xylem [ˈzɪləm]

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We’re a global team unified in a common purpose: creating innovative solutions to meet our world’s water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to www.xyleminc.com