# ViGEN

VIKING PUMP

GLOBAL
LEADER
IN POSITIVE DISPLACEMENT
PUMPING
SOLUTIONS

**Flow**
upto 20 m3/hr*

**Viscosity**
upto 5,000 cSt

**Pressure**
upto 17 bar

**Temperature**
-40° C. to + 175°C

**Your Pumping partner for Oils, Fuels & Chemicals**

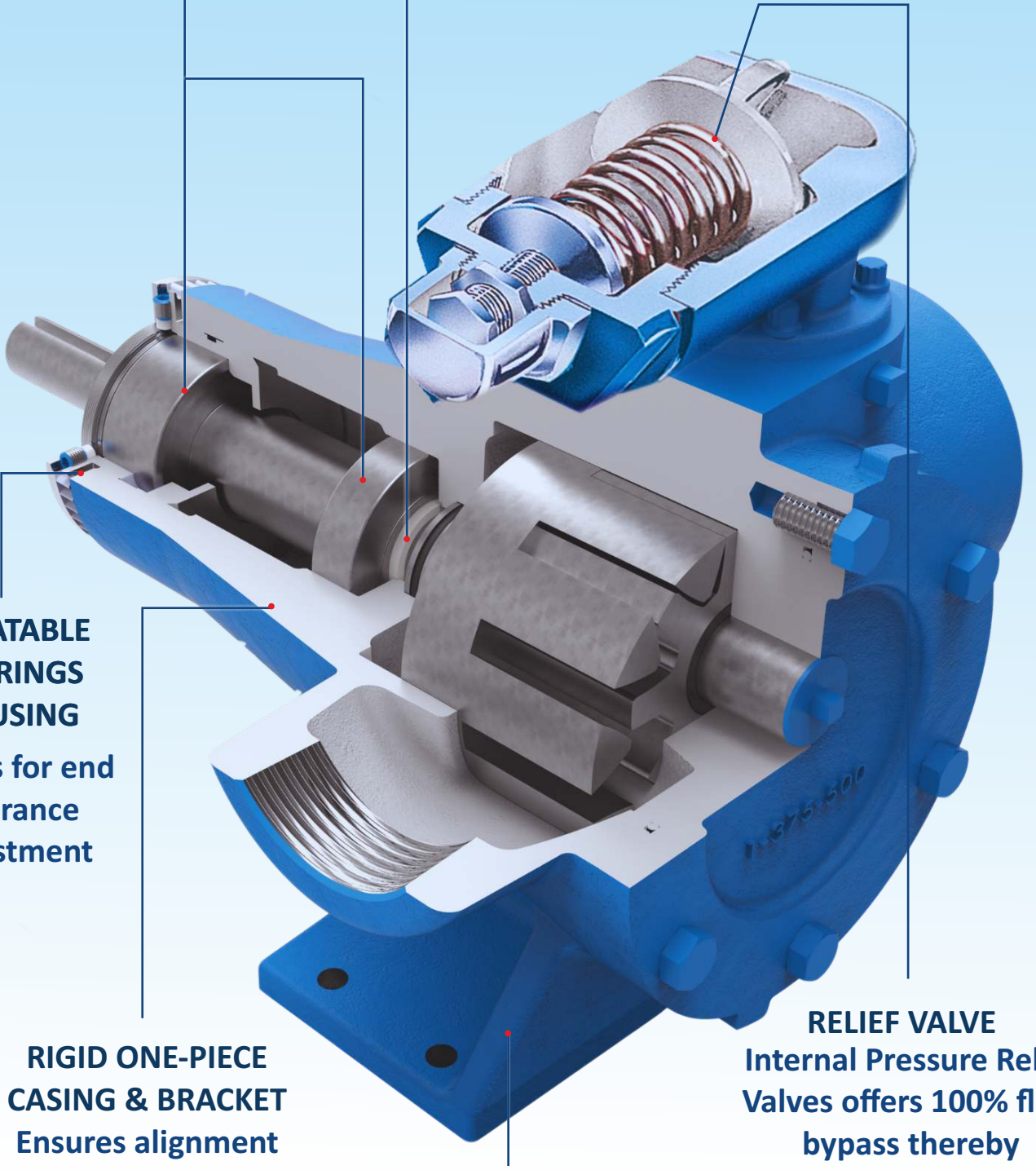
** For higher flow rate please contact us.*

Reach out to us on
Toll Free No: **1800 267 9955**

# Advantages

**SEALED ANTI-FRICTION BEARINGS**
Eliminates the need for relubrication

**BEHIND THE ROTOR MECHANICAL SEAL**
Shaft and bearings not exposed to media



**ROTATABLE BEARINGS HOUSING**
Allows for end clearance adjustment

**RIGID ONE-PIECE CASING & BRACKET**
Ensures alignment for maximum bearing and seal life

**INTEGRAL CAST FOOT**
Rugged design provides maximum support for casing

**RELIEF VALVE**
Internal Pressure Relief Valves offers 100% flow bypass thereby protecting the pump under blocked discharge condition

# Technical Data:

**PERFORMANCE CHART @ 1450 RPM VISCOSITY 46 CST**

| MODEL | PORT SIZE | DIFF. PRESSURE-BAR | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 15 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| G | 1.0" | LPM | 29.3 | 27.5 | 26.8 | 26.2 | 25.8 | 25.4 | 25.0 | 24.5 | 24.2 |
| | | Motor KW | 0.37 | 0.37 | 0.55 | 0.75 | 0.75 | 1.10 | 1.10 | 1.50 | 1.50 |
| GG | 1.0" | LPM | 36.7 | 35.3 | 34.7 | 34.2 | 33.8 | 33.5 | 33.1 | 32.7 | 32.5 |
| | | Motor KW | 0.37 | 0.37 | 0.55 | 0.75 | 1.10 | 1.10 | 1.50 | 2.20 | 2.20 |
| H | 1.5" | LPM | 52.1 | 50.8 | 50.2 | 49.8 | 49.5 | 49.2 | 48.9 | 48.5 | 48.3 |
| | | Motor KW | 0.37 | 0.75 | 1.10 | 1.50 | 2.20 | 2.20 | 2.20 | 3.70 | 3.70 |
| HJ | 1.5" | LPM | 72.9 | 71.3 | 70.7 | 70.2 | 69.7 | 69.4 | 69.0 | 68.6 | 68.3 |
| | | Motor KW | 0.37 | 0.75 | 1.10 | 1.50 | 2.20 | 2.20 | 3.70 | 3.70 | 3.70 |
| HL | 1.5" | LPM | 104.2 | 102.3 | 101.6 | 101.0 | 100.5 | 100.0 | 99.6 | 99.1 | 98.8 |
| | | Motor KW | 0.37 | 1.10 | 1.50 | 2.20 | 2.20 | 3.70 | 3.70 | 3.70 | 5.50 |
| AS | 2.5" | LPM | 184.2 | 176.7 | 173.6 | 171.2 | 169.2 | 167.4 | 165.9 | 163.7 | 162.4 |
| | | Motor KW | 0.37 | 2.20 | 3.70 | 3.70 | 5.50 | 5.50 | 5.50 | 7.50 | 7.50 |
| AK | 2.5" | LPM | 274.4 | 265.2 | 261.4 | 258.5 | 256.0 | 253.9 | 251.9 | 249.2 | 247.6 |
| | | Motor KW | 0.37 | 2.20 | 3.70 | 5.50 | 5.50 | 7.50 | 7.50 | 11.00 | 11.00 |
| AL | 3.0" | LPM | 362.2 | 351.6 | 347.3 | 343.9 | 341.1 | 338.6 | 336.3 | 333.2 | 331.4 |
| | | Motor KW | 0.37 | 3.70 | 5.50 | 7.50 | 7.50 | 9.30 | 11.00 | 15.00 | 15.00 |

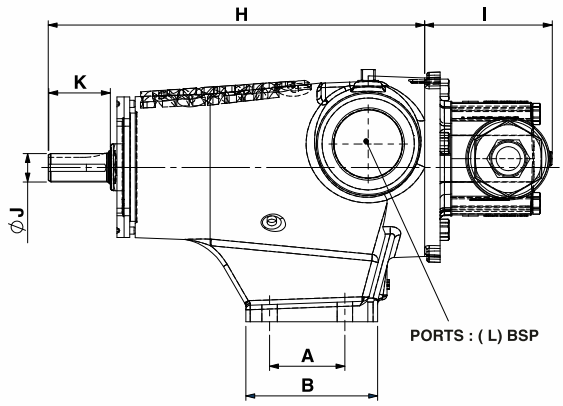
G-GG Series

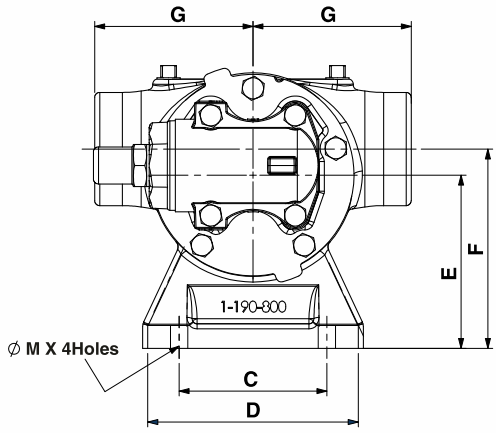
H-HJ-HL Series

AS-AK-AL Series

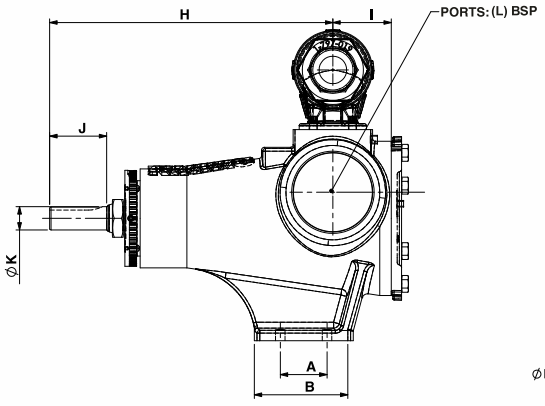
# Liquids:

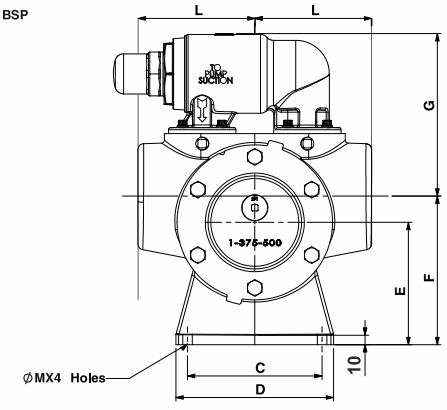
| | |
|---|---|
| **OILS:** | Lube oils, hydraulic oils, transformer oils, edible oils etc. |
| **FUELS:** | Fuel oils, diesel, biodiesel, kerosene, jet fuel, methanol etc. |
| **CHEMICALS:** | Refrigerants, polyols, solvents, methylene chloride, additives, poultry feed paints, coolants etc. |




| Pump Model | DIMENSIONS (mm) | | | | | | | | | | | | | Weight (In Kgs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | |
| G-GG4195 | 33.3 | 62 | 82 | 106 | 70 | 86 | 70 | 187 | 68 | 12.7 | 29 | 1" | 9 | 9 |
| H-HJ-HL4195 | 50.8 | 88.9 | 88.9 | 127 | 104.6 | 120 | 95.3 | 254 | 86 | 19 | 41 | 1-1/2" | 10 | 20 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | |
| AS-AK 4195 | 51 | 102 | 146 | 171 | 133 | 162 | 178 | 308 | 51 | 60 | 25.4 | 2-1/2" | 10 | 39 |
| AL 4195 | 51 | 102 | 146 | 171 | 133 | 162 | 178 | 308 | 64 | 60 | 25.4 | 3" | 10 | 39 |

# Contact:

**Corporate Office**
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Toll Free No.: 1800 267 9955 Email: **www.idexindia.in**

**Registered Office & Plant:**
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