

# AGV

## Vertical axial flow pump

High flow capabilities with high efficiency

### Industrial applications :

- Irrigation
- Water supply
- Water drainage
- Water level regulation
- Sump drainage
- Flood protection

### Benefits :

- High efficiency
- Propeller design with orientable blades
- Low maintenance activity

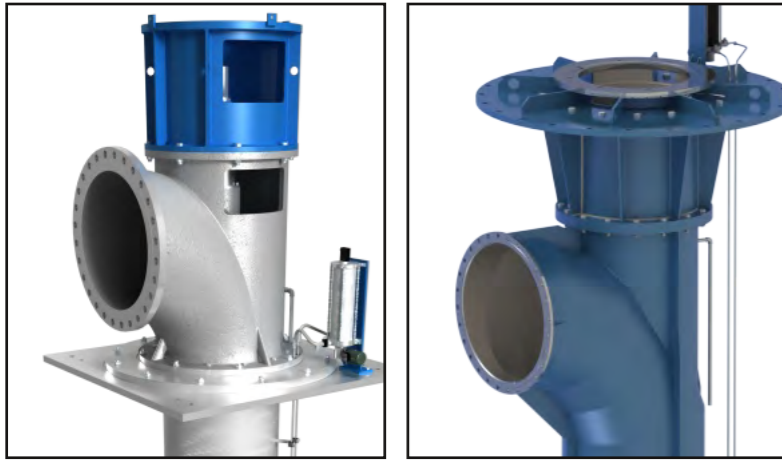


ISO 9001 CERTIFIED GROUP

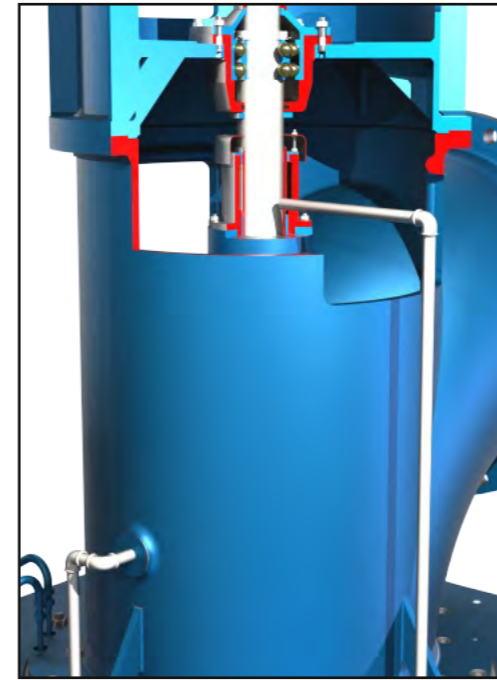
 **Ensival Moret**  
A Moret Industries Company

## / Design:

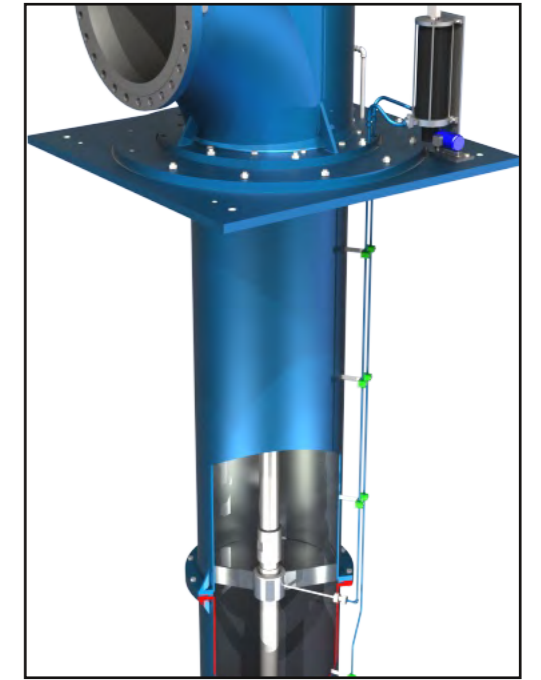
- / Propeller type- axial flow pump
- / Heavy duty construction
- / Design offering high efficiency for high flow requirement
- / Discharge Sizes : 300 mm up to 1400 mm.
- / Larger diameter upon request
- / Simple design offers ease of installation and minimum maintenance
- / Construction with the discharge head under or above the base plate available upon request



## Design details



Throttle bushing sealing system



Automatic grease lubrication system

- / Solid cast steel construction of the pump casing
- / Optimized suction bell (Low NPSH)
- / Flexible sealing system:
  - Shaft sealing by packing rings are standard.
  - Throttle bushing sealing system allowing reduced maintenance
  - Optional mechanical seal available upon request.
- / Column bearings lubricated by the pumped liquid or with an automatic grease lubrication system for slightly dirty product
- / Pump length according customer specifications
- / Suction strainer is optional

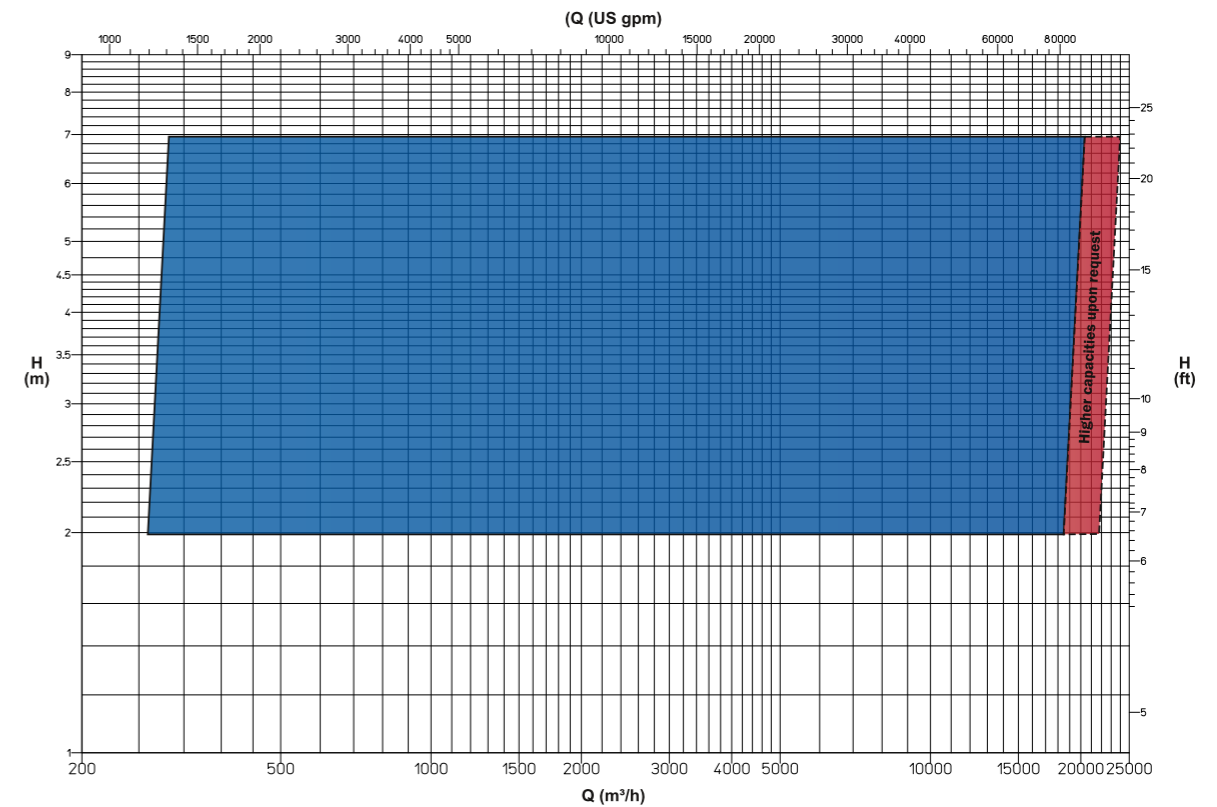
## / Performance:

- / Flow: up to 30,000 m<sup>3</sup>/h (132,100 US gpm)
- / Total head: up to 7 m (26ft)
- / Maximum operating pressure: 6 bar (100 PSI)
- / Operating temperature range: from- 40 °C to 180 °C (-202 °F up to 356 °F)
- / Higher flows upon request

## / Standard materials:

- / Cast iron, steel
- / Austenitic stainless steel, duplex alloys
- / Other materials available upon request: titanium, nickel, monel...

## Performance Range



#### **ENSIVAL MORET FRANCE**

Chemin des Ponts et Chaussées  
F-02100 Saint-Quentin  
Tel : +33 (0)3 23 62 91 00  
Fax : +33 (0)3 23 62 02 30  
Email : emstquentin@em-pumps.com

#### **ENSIVAL MORET FRANCE**

59 Avenue du Danemark  
F-37100 Tours  
Tél : +33 (0)2 47 88 31 31  
Fax : +33 (0)2 47 41 51 73  
Email : emtours@em-pumps.com

#### **ENSIVAL MORET FAPMO**

35, 37 Rue Roger Salengro BP59  
F-62230 Outreau (FRANCE)  
Tel : +33 (0)3 21 10 01 21  
Fax : +33 (0)3 21 80 46 88  
Email : fapmo@em-pumps.com

#### **ENSIVAL MORET AMERICA, Inc.**

7901 SouthPark Plaza, Suite 102  
Littleton, Colorado 80120, USA  
Office : 303-798-4454  
Fax : 303-798-4199  
Email : sales@em-america.com

#### **ENSIVAL MORET BELGIUM**

Bois-la-Dame, 4 Z.I. les Plenesses  
B-4890 Thimister-Clermont  
Tel : +32 (0)87 46 81 11  
Fax : +32 (0)87 46 81 00  
Email : info@em-pumps.com

#### **ENSIVAL MORET DEPLECHIN**

Avenue de Maire, 28  
B-7500 Tournai (BELGIUM)  
Tel : +32 (0)69 89 00 89  
Fax : +32 (0)69 89 00 60  
Email : emtournai@em-pumps.com

#### **ENSIVAL MORET SINGAPORE**

31 Mandai Estate  
#07-07 Innovation Place - Tower 4,  
Immedia  
Singapore 729933  
Tel : +65 6281 06 67  
Fax : +65 6281 09 08  
Email : emasi@em-pumps.com

#### **ENSIVAL MORET INDIA Pvt. Ltd.**

114-115, Metro House, Opp. T.M.T.C.,  
7/8, Mangaldas Road  
Pune - 411 001, Maharashtra - INDIA  
Tel: 020-30858012  
Email: emindia@em-pumps.com

#### **ENSIVAL MORET (SHANGHAI) CO., LTD.**

No. 1590, Li An Road,  
Minhang District,  
Shanghai 201199 - P.R. CHINA  
Tel: +86 (0)21 5488 9599  
Fax: +86 (0) 21 5488 9399  
Email: emshanghai@ensival-moret.cn

#### **ENSIVAL MORET DO BRAZIL**

Distrito Industrial Bandeirantes  
Rua País de Gales, 128  
CEP 13.326-195 Salto-SP - BRASIL  
Tel/Fax : (55) 11 4602 9595  
Email: info@em-brasil.com