

# STEELPUMPS

## E V O L U T I O N

### X-AMO/MO H F Series

High flow multistage pump with or without electronic pressure control, single or 3 phase.

#### PLUS

UP/Down technology for submerged, surface or underground installation.

Protection rating IP 68.

Automatic version includes pressure control, anti-blocking system and dry run protection with automatic restart.

#### MATERIALS

Motor body: Aisi 304

Pump body: Aisi 304

Rotor Shaft: Aisi 420

Supporting flanges: Technopolymer / Brass

Diffuser and Impellers: Noryl

Rear cap: Technopolymer / Aisi 304

Basis: Aisi 304

Mechanical seal: Graphite Ceramics

Mechanical seal lubricated by a special oil chamber

A2 Stainless steel bolts

NBR70 O-ring

H07RN-F Electric cable 10m length with Schuko plug

Tropicalized circuit board in compliance with the RoHS directive

#### ELECTRICAL FEATURES

| Code                    | P2 Nom. |     | 3~ 50Hz Amps            |      | 1~ 50Hz Amps | Cap. |
|-------------------------|---------|-----|-------------------------|------|--------------|------|
|                         | KW      | HP  | 230V                    | 400V | 230V         | μF   |
| X-AMO/MO 1204HF         | 0.9     | 1.2 | 3.1                     | 2.2  | 6.4          | 20   |
| X-AMO/MO 1505HF         | 1.1     | 1.5 | 3.5                     | 2.5  | 7.3          | 25   |
| X-AMO/MO 2006HF         | 1.5     | 2   | 4.2                     | 3    | 10.1         | 30   |
| Class F insulated motor |         |     | S1 Motor Service Factor |      |              |      |

#### HYDRAULIC FEATURES

| Code            | STAGES | Q (l/m) FLOW         |    |    |    |     |     |     |
|-----------------|--------|----------------------|----|----|----|-----|-----|-----|
|                 |        | 0                    | 30 | 50 | 70 | 100 | 120 | 145 |
|                 |        | H HYDRAULIC HEAD (m) |    |    |    |     |     |     |
| X-AMO/MO 1204HF | 4      | 43                   | 38 | 34 | 30 | 24  | 16  | 6   |
| X-AMO/MO 1505HF | 5      | 51                   | 46 | 43 | 38 | 30  | 21  | 9   |
| X-AMO/MO 2006HF | 6      | 62                   | 55 | 55 | 45 | 34  | 24  | 10  |

#### CHARACTERISTICS AND INSTALLATION

|                                  |               |
|----------------------------------|---------------|
| Drained Liquid                   | Clean Water   |
| Liquid temperature range         | +2°C to +40°C |
| Air temperature                  | max +45°C     |
| Maximum depth                    | 5m            |
| Calibrating pressure rate switch | 1.5 bar       |

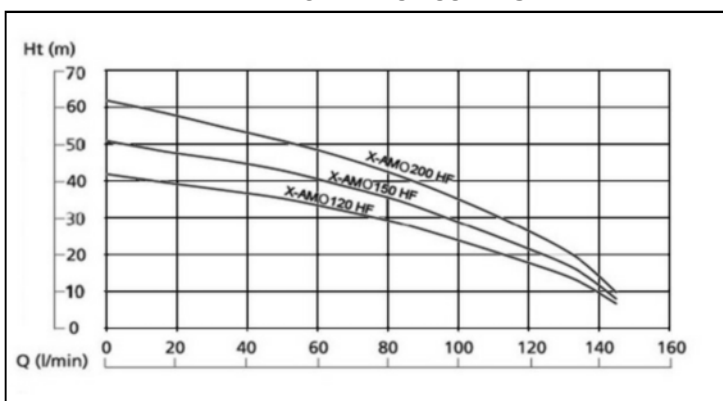
#### DIMENSIONS AND WEIGHTS

| Code            | Measurement (mm unless indicated) |     |     |    |        |        | Weight Kg |
|-----------------|-----------------------------------|-----|-----|----|--------|--------|-----------|
|                 | A                                 | N   | H   | H1 | DMN    | DNA    |           |
| X-AMO/MO 1204HF | 560                               | 200 | 226 | 95 | 1 1/4" | 1 1/4" | 19.5      |
| X-AMO/MO 1505HF | 715                               | 200 | 226 | 95 | 1 1/4" | 1 1/4" | 21.5      |
| X-AMO/MO 2006HF | 715                               | 200 | 226 | 95 | 1 1/4" | 1 1/4" | 23        |

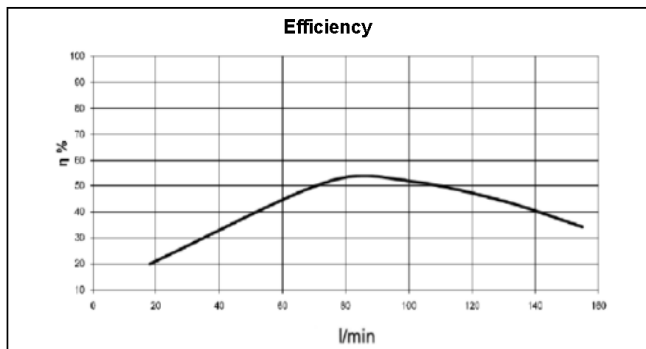


CHECK VALVE INCLUDED

#### PERFORMANCE CURVES



#### Efficiency



#### Power

