



UTILITY

portable self-priming pumps

RANGE OF PERFORMANCE

Flow rate up to 50 l/min (3 m³/h)

Head up to 47 m



LIMITS OF USE

Manometric suction lift up to 9 m

Liquid temperature up to + 40°C

Environment temperature up to + 40°C

INSTALLATION AND USE

PORTABLE SELF-PRIMING PUMPS CAPABLE OF CLEARING ENTRAINED AIR FROM THE SUCTION PIPE.

RECOMMENDED FOR GARDENING, VEGETABLE GARDENS, WASHING AND HOBBY APPLICATIONS THEY ARE SUITABLE FOR USE WITH ANY LIQUIDS COMPATIBLE WITH THE MATERIALS OF CONSTRUCTION.

GUARANTEE 2 YEARS subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

- PUMP BODY UTILITY 05M,07M,08M:
cast iron;
- PUMP BODY UTILITY 05MSS, 07MSS, 08MSS:
stainless steel AISI 304.
- IMPELLER: technopolymer, centrifugal type.
- MOTOR SHAFT:
stainless steel EN 10088-3 - 1.4104.
- MECHANICAL SEAL:
ceramic - graphite - NBR.
- ELECTRIC MOTOR: induction motor, for continuous duty.
Single-phase: 230 V - 50 Hz with capacitor and thermal overload protector.
- INSULATION: class F.
- PROTECTION: IP 44.

STANDARD FEATURES:

- ⇒ Carrying handle.
- ⇒ Hosetails Ø 20 mm.
- ⇒ 1.5 m power cable with Schuko plug.



CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1

IEC 335-1

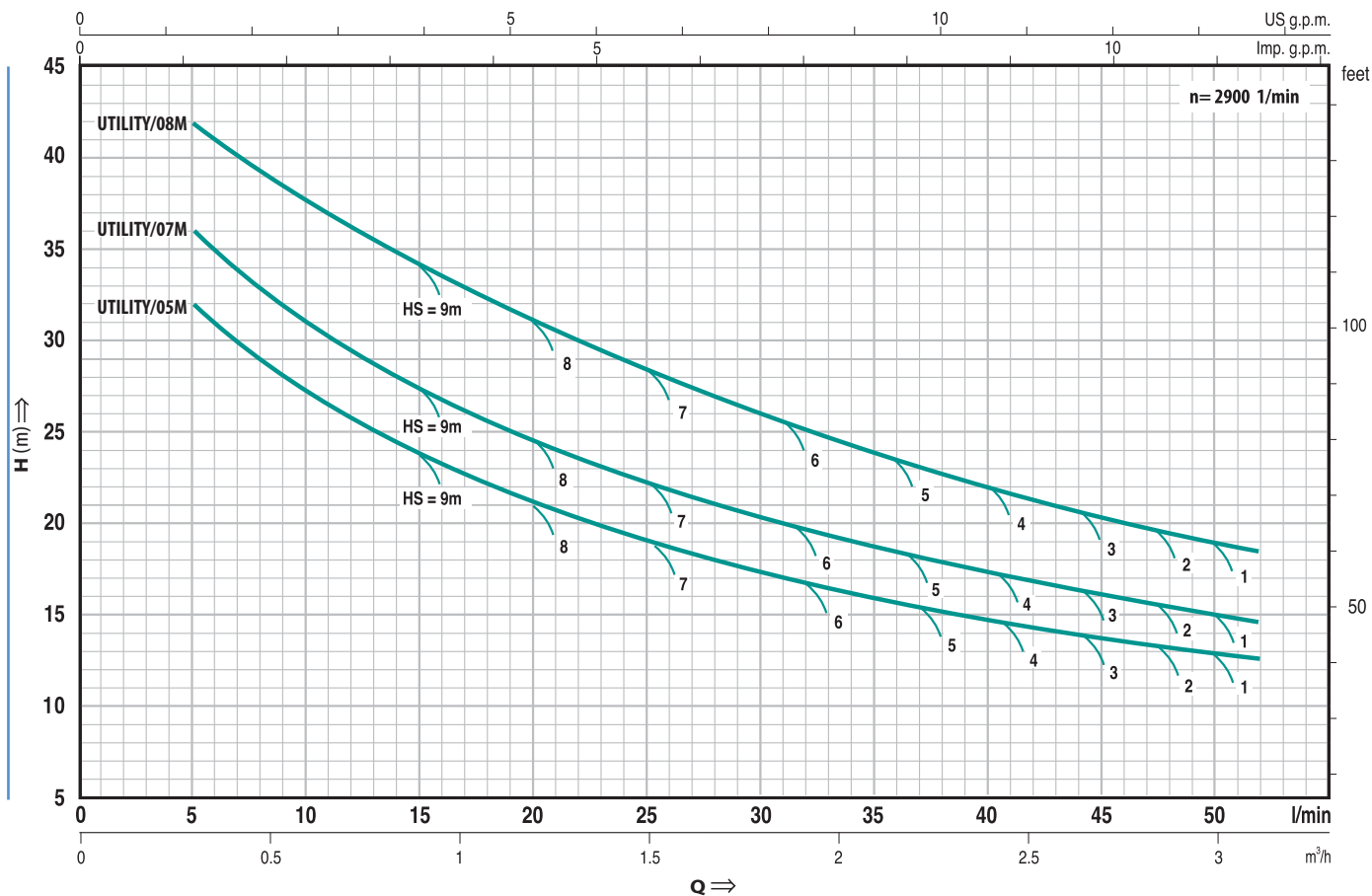
CEI 61-150

EN 60034-1

IEC 34-1

CEI 2-3



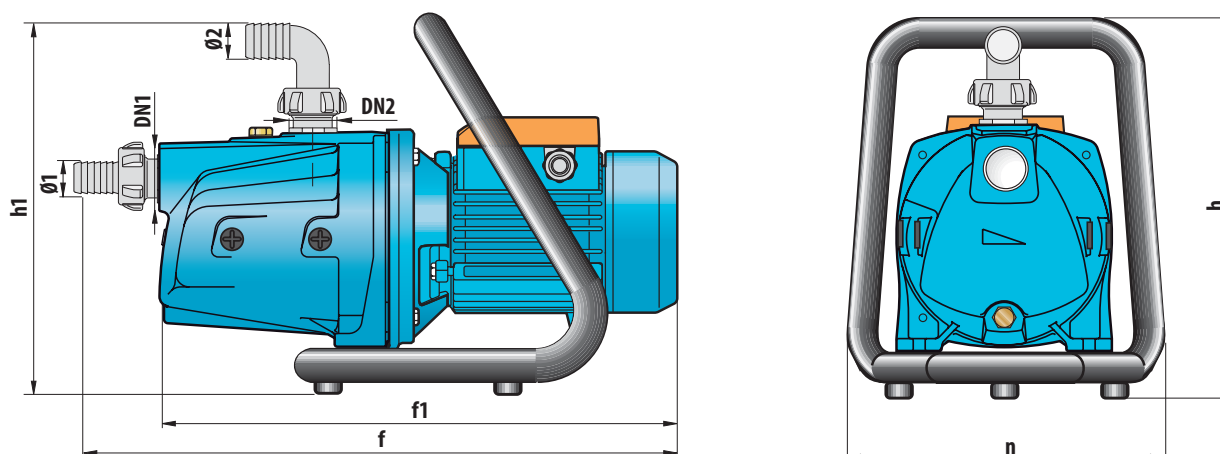


Q = Flow rate H = Total manometric head

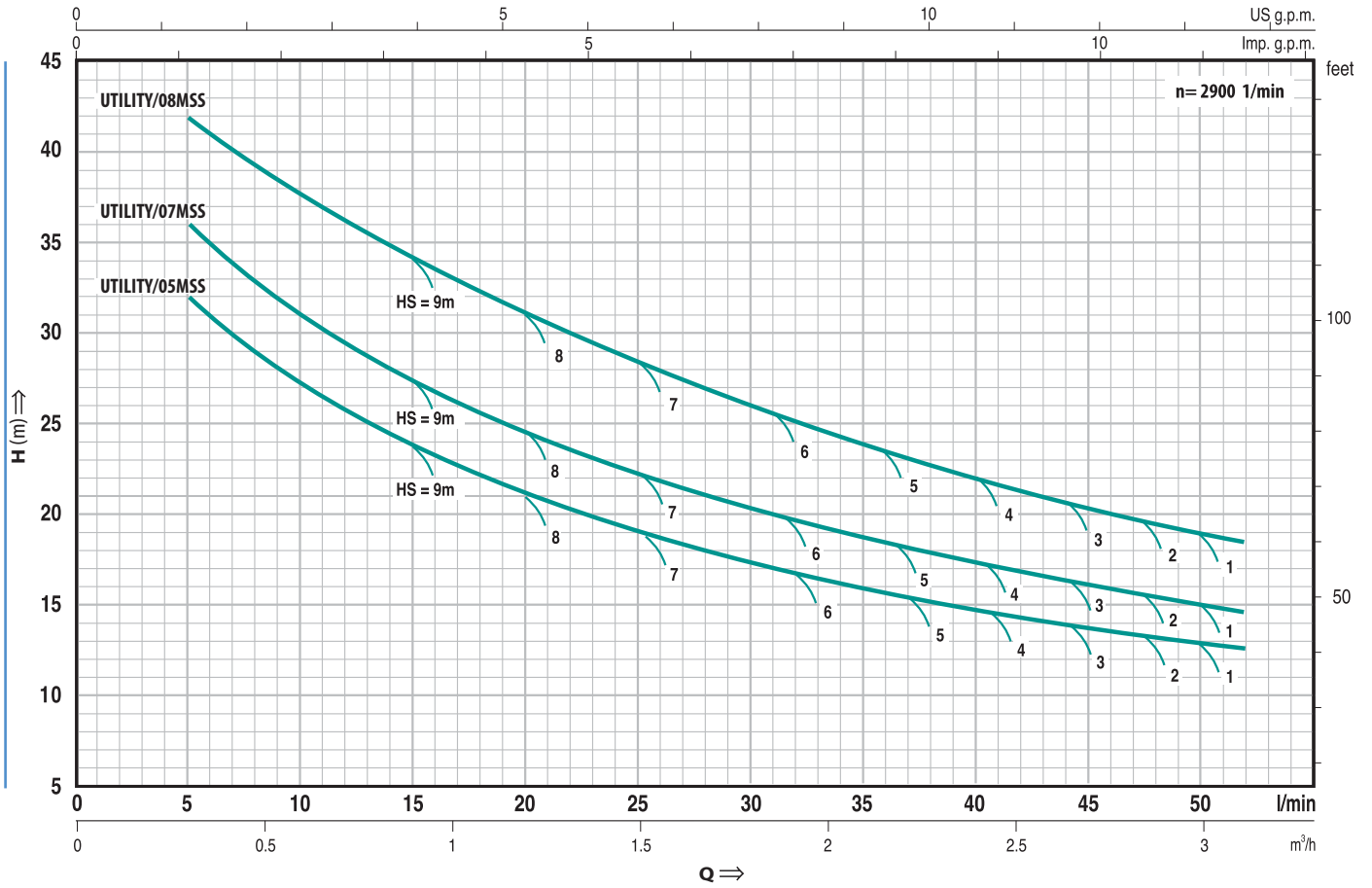
Tolerance of the performance curves according to EN ISO 9906 App. A.

| TYPE | POWER | | m³/h l/min | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 |
|--------------|-------|------|---------------|----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|
| | kW | HP | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| Single-phase | | | | | | | | | | | | | | |
| UTILITY/05M | 0.37 | 0.50 | H metres | 35 | 32 | 27 | 24 | 21 | 19 | 17 | 16 | 15 | 14 | 13 |
| UTILITY/07M | 0.50 | 0.70 | | 41 | 36 | 31 | 27 | 24 | 22 | 20 | 19 | 17 | 16 | 15 |
| UTILITY/08M | 0.60 | 0.85 | | 47 | 42 | 38 | 34 | 31 | 28.5 | 26 | 24 | 22 | 21.5 | 19 |

DIMENSIONS AND WEIGHTS



| TYPE | PORTS | | DIMENSIONS mm | | | | | | kg | |
|--------------|-------|-----|---------------|----|-----|-----|-----|-----|-----|------|
| | DN1 | DN2 | Ø1 | Ø2 | f | f1 | h | h1 | | n |
| Single-phase | | | | | | | | | | |
| UTILITY/05M | 1" | 1" | 20 | 20 | 439 | 379 | 260 | 255 | 230 | 10.0 |
| UTILITY/07M | | | | | 447 | 387 | | | | 10.7 |
| UTILITY/08M | | | | | | | | | | 10.9 |

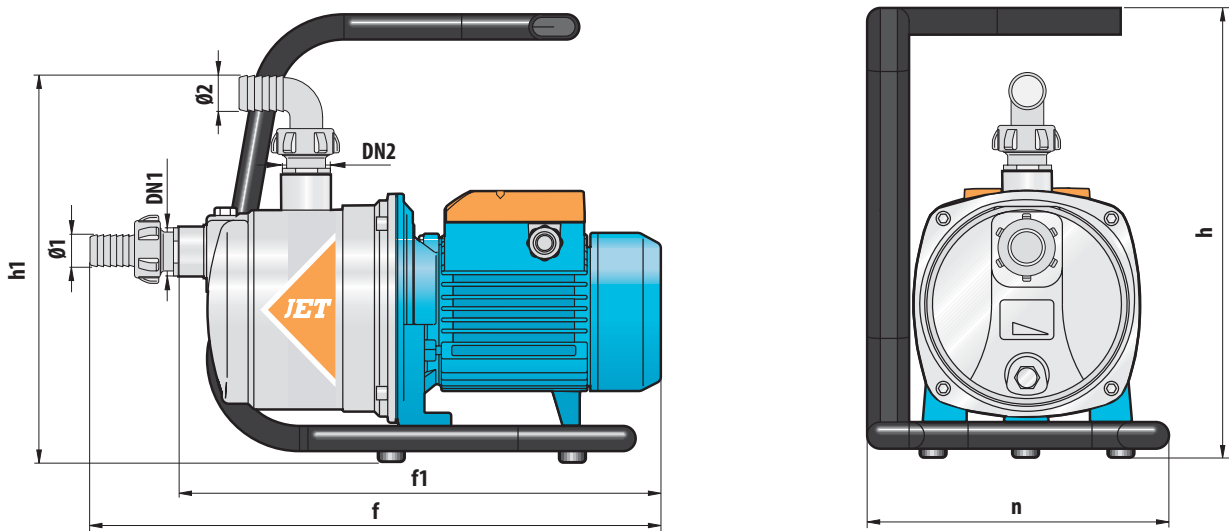


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|---------------|-------|------|---------------|----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|
| | kW | HP | | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| Single-phase | | | | | | | | | | | | | | |
| UTILITY/05MSS | 0.37 | 0.50 | H metres | 35 | 32 | 27 | 24 | 21 | 19 | 17 | 16 | 15 | 14 | 13 |
| UTILITY/07MSS | 0.50 | 0.70 | | 41 | 36 | 31 | 27 | 24 | 22 | 20 | 19 | 17 | 16 | 15 |
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|---------------|-------|-----|---------------|----|-----|-----|-----|-----|-----|-----|
| | DN1 | DN2 | Ø1 | Ø2 | f | f1 | h | h1 | n | |
| Single-phase | | | | | | | | | | |
| UTILITY/05MSS | 1" | 1" | 20 | 20 | 405 | 345 | 270 | 260 | 198 | 7.9 |
| UTILITY/07MSS | | | | | 413 | 353 | | | | 8.0 |
| UTILITY/08MSS | | | | | 413 | 353 | | | | 9.2 |