

Pump Nameplate & Drawing Identification — Worksheet

The nameplate identifies the equipment record; drawings and dimensions identify what must fit; duty data confirms what the replacement must perform. One reference is never the whole answer. Complete this sheet while the equipment and documents are still accessible, then send it with the evidence folder.

1. Plates photographed

- ☐ Pump nameplate: one straight full-frame photo + close-ups of weak fields (no flash glare, no steep angle)
- ☐ Motor nameplate photographed and labelled separately (motor data does not identify pump parts) ☐ Gearbox / auxiliary plates, if any
- ☐ Photo of the plate's location on the equipment ☐ Uncertain characters listed separately (0/O, 1/I, 5/S) — not guessed

2. Pump nameplate fields

Manufacturer and brand	
Model or type series	
Pump size	
Serial, order or job number	
Construction or material code	
Speed and rated duty (if shown)	
Impeller diameter (if shown)	
Customer equipment tag	
Manufacturing date or revision	

3. Drawings and records collected

- ☐ General arrangement drawing (nozzles, footprint, shaft centreline, baseplate, coupling)
- ☐ Sectional drawing with item numbers; required part marked on it
- ☐ Performance curve (size, speed, impeller → head, flow, power, NPSH)
- ☐ Bill of materials, compared with the physical unit and purchase record
- ☐ Previous repair or modification records
- ☐ Current duty: flow _____ head _____ liquid _____ temp. _____

4. Part photographs and measurements (for an individual part)

- ☐ Complete part from several sides
- ☐ Casting marks and stamped numbers
- ☐ Machined fits, bores, keyways and threads
- ☐ Wear, cracks, erosion or corrosion
- ☐ Mating parts, when accessible
- ☐ Critical dimensions with measuring tool and method recorded (a ruler in a photo orients, it does not replace an agreed dimensional inspection)

5. What the nameplate cannot confirm — state what is known

Current impeller trim	
Internal wear or previous modifications	
Material of every wetted component	
Seal-face and elastomer materials	
Does the pump still match the original duty?	

6. Replacement enquiry package — send one folder

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| ☐ Pump nameplate photo | ☐ Part photos and critical dimensions |
| ☐ Motor nameplate photo | ☐ Material grade and required certificates |
| ☐ GA and sectional drawing | ☐ Current flow, head, liquid, temperature (if hydraulics involved) |
| ☐ Performance curve and data sheet | ☐ Failure description and required delivery date |
| ☐ Required part name, item number, quantity | ☐ Delivery destination and technical contact |

What happens next. The supplier separates confirmed data from open questions. Identification is complete only when nameplate, drawing, dimensions, construction and duty evidence all support the proposed item. Conflicting evidence is resolved before manufacture, not by choosing the most convenient reference.

Prepared by: _____ Company: _____ Date: _____

Reply by email with this sheet completed and the photographs attached.
ysmpumps.com/contact-us-2/

Guidance only. It does not replace a model- and order-specific technical review.