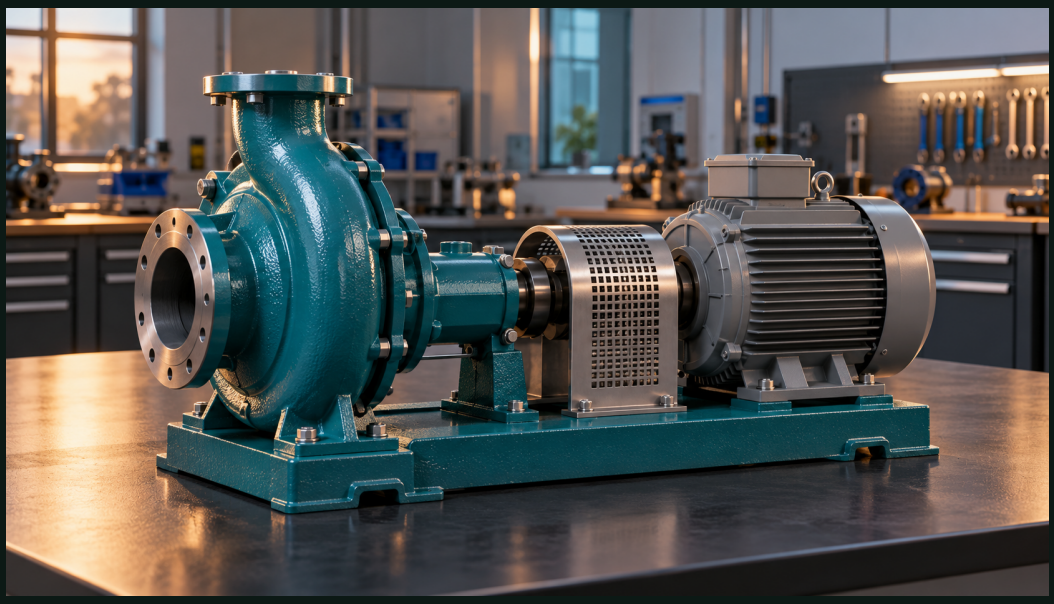
AGICY / PRODUCT STORIES & TRAINING

How a Centrifugal Pump Works: Illustrated Training Video

ILLUSTRATIVE CONCEPT GUIDE · NOT A MANUFACTURER DATASHEET



A generic centrifugal pump training concept showing motor, shaft, impeller and casing, followed by a simplified fluid path. Designed as a reusable onboarding aid, not an exact service procedure.

A motor drives a shaft and impeller. The rotating impeller transfers energy to the fluid; the casing collects the flow and directs it toward the outlet. This is a simplified operating-principle diagram, not a representation of a particular machine or a repair procedure.

VIDEO SEQUENCE

0-5s Meet the machine: generic centrifugal pump

5-13s Component view: motor to shaft to impeller to casing

13-23s Operating principle: inlet to impeller to outlet

23-30s Training check: which part transfers energy to the fluid?

Watch, share or download

Scan the QR code for the permanent video page.

agicy.ai / AI Video / Screening Room

FROM CONCEPT TO YOUR REAL PRODUCT

AI-generated equipment imagery with controlled animated component and flow diagrams. This illustrates the principle only. A company-specific training film needs the real model, approved drawings, manual, task steps and expert review. No quantified meeting-time saving is claimed.

1. Identify the product

Use the exact product name, model, intended audience and the customer question the video answers.

2. Attach approved documentation

Supply the manufacturer datasheet, manual, document revision and approved drawings. Do not infer specifications from AI imagery.

3. Verify the film

Have a qualified product expert check labels, diagrams and any procedures. These generic examples do not prescribe installation, troubleshooting or repairs.

4. Publish a stable reference

Pair the video and PDF on a permanent watch page, with descriptive metadata and the matching QR link. Search indexing and AI-system retrieval are not guaranteed.

5. Measure the benefit

Evaluate comprehension, repeat questions and training time against a baseline before claiming hours saved.

PRINCIPLE REFERENCES

KSB - impeller terminology

ASHRAE - centrifugal pumps

AI images and authored animation; generic, illustrative equipment. No manufacturer affiliation, measured performance or exact internal construction is implied.