TM NETWORKS · APPLICATION BRIEF

ARES DIN Transformer Valve Selection Brief

A concise buyer-side guide for defining transformer valve inquiries. This is not an ARES manufacturer datasheet; final drawings, materials, dimensions and compliance are confirmed through the project quotation.

Selection point	What to define
Function	Radiator isolation, oil drain, sampling, filling, Buchholz connection or general shut-off
Standard / interface	Applicable DIN / EN reference, nominal width, flange or threaded interface
Body material	Steel, stainless steel (SS304 / SS316), aluminium, brass or bronze as applicable
Seal material	NBR, Viton / FKM or FVMQ according to oil, temperature and project specification
Operation	Lockable, handle position, open/close indication and required access clearance
Evidence	Drawing, pressure/leak requirement, coating, material certificate and inspection documentation

DIN-focused ARES products

Oil drain device — DIN 42551 / EN 50216-4. The official ARES page lists NW22, NW31 and NW40 variants. Confirm transformer size applicability, pipe/interface dimensions and drawing revision.

Stainless-steel throttle valve — DIN 42560. The official ARES page lists NW80, SS316 body, lockable operation and NBR, Viton or FVMQ O-ring choices, with a zero-leakage positioning claim. Confirm the project leak-test definition and accepted gasket standard.

Adjacent valve families. Steel Form A / Form B NW80 throttle valves, DN25 / DN50 / DN80 butterfly throttle valves for Buchholz connections, flanged ball valves, drain valves, gate valves and sampling valves.

RFQ checklist

01 Transformer type, rating, application and destination

02 Valve function and quantity

03 Required standard and nominal size

04 Connection drawing, flange pattern and installation orientation

05 Transformer oil type and operating temperature range

06 Pressure, vacuum and leakage-test requirements

07 Body, trim and gasket material requirements

08 Coating / corrosion category and indoor, outdoor or offshore environment

09 Padlock, limit indication or special operating requirements

10 Required certificates, inspection plan, packing and delivery date

Portfolio context

ARES also lists transformer bushings, pressure relief valves, Buchholz relays, breathers, protection accessories, oil-level indicators, cooling fans, transformer wheels, terminal boxes, metal fixing parts and flexible copper press-welded connectors. TM Networks can screen these categories after receiving the drawing or bill of materials.

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Source note

Product categories and DIN-focused details were checked against the public ARES Trafo transformer-valve pages on 7 September 2026. Refer to ARES manufacturer documentation and the applicable quotation for controlling specifications.