EagleBurgmann
a member of EKK and FREUDENBERG

RELY ON EXCELLENCE

QFT6
Quench system

API 682 4th edition product range | Seal supply systems | Quench systems

Advantages

- Sight-glass for MIN/MAX monitoring has a large indicator area
- Filling is possible by filling filter or a separate pipe connection
- Combined filling and ventilation filter in the quench fluid tank for reliable operation
- Tank made of 1.4571: high resistance to corrosive media

Standards and approvals

- API 682 / ISO 21049
- API 682 4th ed. Cat. 2/3 - 1CW-FL

Recommended piping plans

API Plan 51

Features

Quench fluid supply systems are used with single mechanical seals. They act as a convenient fluid reservoir. The QFT6000A4 stainless steel tank is equipped with a sight-glass for monitoring the MIN/MAX filling level and can be fastened with a lug fixture.

Functional description

Quench fluid systems (Plan 51) are employed to:

- Absorb leakage
- Monitor the leakage rate (e.g., through periodic reading of the level in the tank)
- Prevent icing
- Protect against dry running
- Stabilize the lubricating film
- Exclude air from the media in order to prevent a reaction with oxygen in the air

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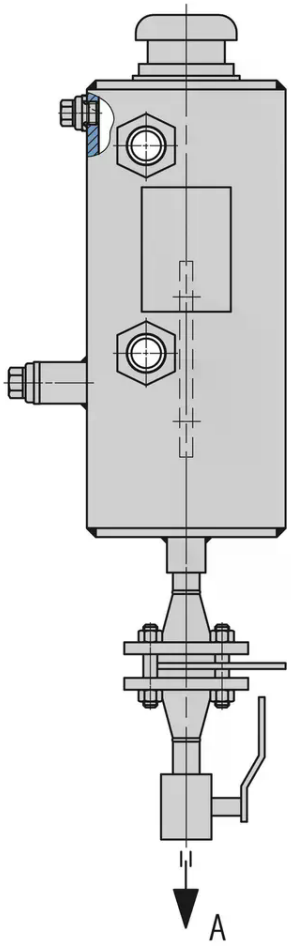
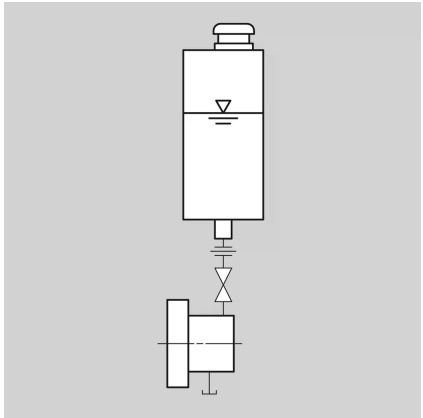
All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.



QFT6000A4

A To mechanical seal

Installation, details, options



P&ID for QFT6000A4

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Product variants

Designation	QFT6000M001-D0
Design code	n/a
Volume, vessel (liters)	3
Allowable pressure	Pressureless
Allowable temperature1)	-29 °C ... +100 °C(-20 °F ... +212 °F)
Metal parts (tank)	316Ti
Filling filter	Glass-fibre-reinforced polyamide
Sight-glass	Borosilicate
Gasket	Spiraltherm®

Other versions on request.

1) Design data, permissible working values depend on the actual conditions of service.

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