

# Technical data sheet

## TD 2025-07-28

### Dispense and filling heads Quick Connect 2



## General Information

The dispense and filling head of the 3.0 series was designed for the safe handling of chemicals and solvents, as well as for all types of media in general. Based on a modular design principle, it allows flexible use for a wide range of applications. It is compatible with all adapters of the Quick Connect 2 system and can therefore be used with all packagings to which these adapters fit.

Horizontal



Vertical



# Specification

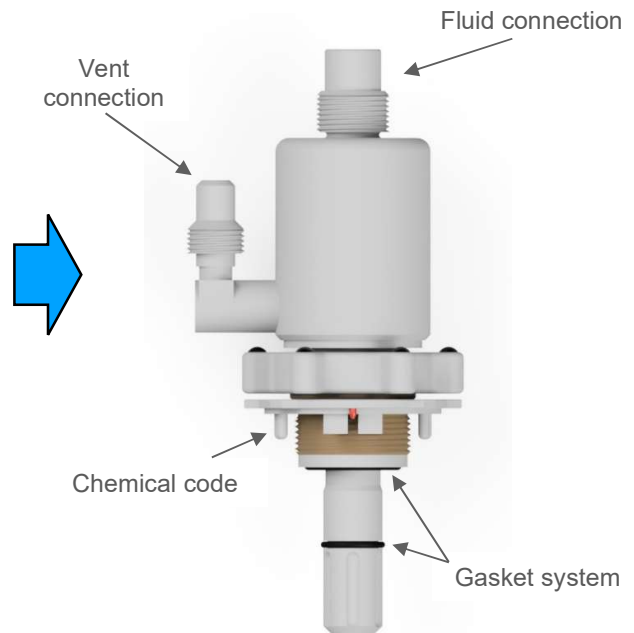
The specification describes the configuration and identification of the dispense and filling head and must be specified when placing an order.

Example Specification:

DH-XX-XX-XXX-XXX/X-XXX/X

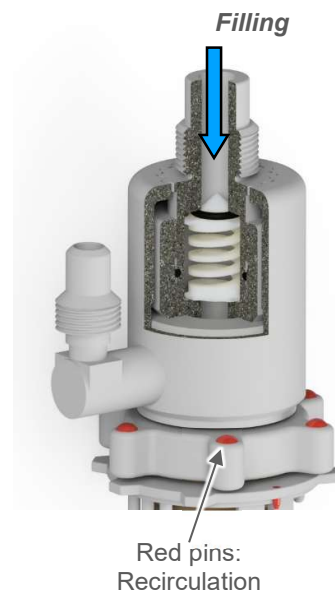
<b>DH</b>	<b>Dispense Head</b>
<b>X</b>	<b>Function</b> D = Dispense R = Recirculation
<b>X</b>	<b>Gasket system</b> K = DuPont Kalrez®, Compound 6375 Q = FFKM F = FKM E = EPDM
<b>XX</b>	<b>Material</b> PE, CD, PVDF
<b>XXX</b>	<b>Chemical coding</b> (gemäß Tabelle Chemikaliencode)
<b>X</b>	<b>Fluid connection orientation</b> H = Horizontal V = Vertical
<b>XX/X</b>	<b>Fluid connection*</b> F1/4 = 1/4" Flare F3/8 = 3/8" Flare F1/2 = 1/2" Flare F3/4 = 1/4" Flare F1/1 = 1" Flare
<b>X</b>	<b>Vent connection orientation</b> H = Horizontal V = Vertical
<b>XX/X</b>	<b>Vent connection*</b> F1/4 = 1/4" Flare F3/8 = 3/8" Flare F1/2 = 1/2" Flare

DH-DK-PE-001-VF3/4-VF3/8



# Fluid orientation

- The orientation of the spring valve determines whether it is a removal head or a filling head.
- Conversion from a removal head to a filling head can also be carried out relatively easily at a later stage.
- The spring valve is made of durable and chemically resistant fluoropolymer.



# Technical data

Materials		
<b>Dispense head</b>	<ul style="list-style-type: none"> <li>• PE</li> <li>• PE-CD (electrically conductive)</li> <li>• PVDF</li> </ul>	
<b>Gasket system</b>	<ul style="list-style-type: none"> <li>• DuPont Kalrez®, Compound 6375</li> <li>• FFKM</li> <li>• FKM (Viton®)</li> <li>• EPDM</li> </ul>	
Hight / Weight		
	Vertical	Horizontal
<b>Dimensions**</b>	Lenght: 210 mm Diameter: 80 mm	Lenght: 230 mm Diameter: 80 mm
<b>Weight**</b>	PE/PE-CD: 235g PVDF: 425g	PE/PE-CD: 315g PVDF: 565g
Key figures		
<b>Check valve</b>	Opening pressure: <ul style="list-style-type: none"> <li>• Dispense: -0,04 bar</li> <li>• Filling: +0,10 bar</li> </ul>	
<b>Pressure test</b>	Test pressure: 2,5 bar	
<b>Flow rates of the medium</b> (Dependent on the medium and pump performance)	F1/2: approx. 16 liters/min. F3/4: approx. 20 liters/min	
<b>Torque</b>	6,5 Nm (hand-tight)	

\*The fluid and vent connection can also be adapted to other systems. For high-purity applications, the flare system is recommended.

\*\*Depending on the fluid connection, length and weight may vary. Specifications refer to the fluid connection version F3/4.

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