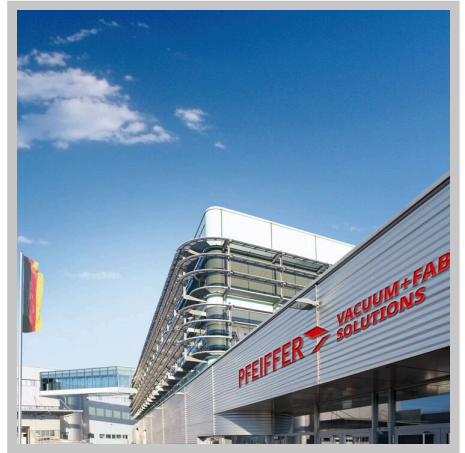


# HiPace® 10 Neo with TC 80, DN 40

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# HiPace® 10 Neo

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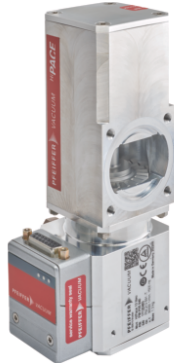
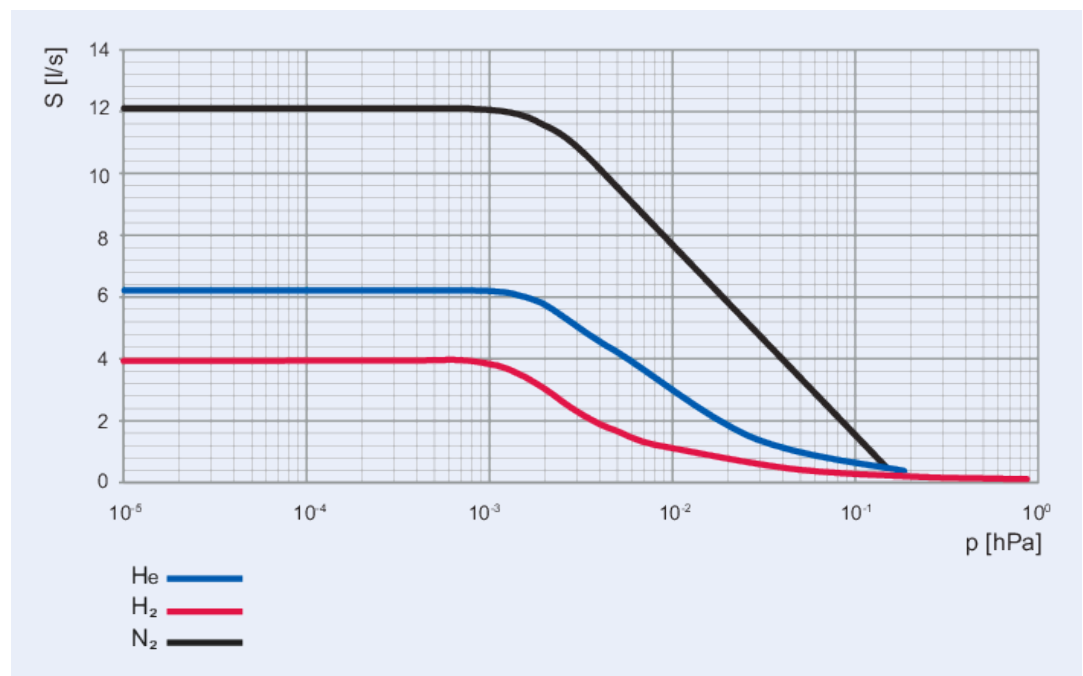


Illustration only

## HiPace® 10 Neo with TC 80, DN 40

- The world's smallest series-production turbopump
- A powerful, rugged turbopump with a pumping speed of 10 l/s for N<sub>2</sub>
- DN 40 connection
- Integrated drive electronics with 24 V supply voltage
- Mobile usable
- Requires no additional cooling

## Characteristics



Technical drawing of the HV DN 40 ISO-KF valve, showing three views: front, top, and side.

**Front View:**

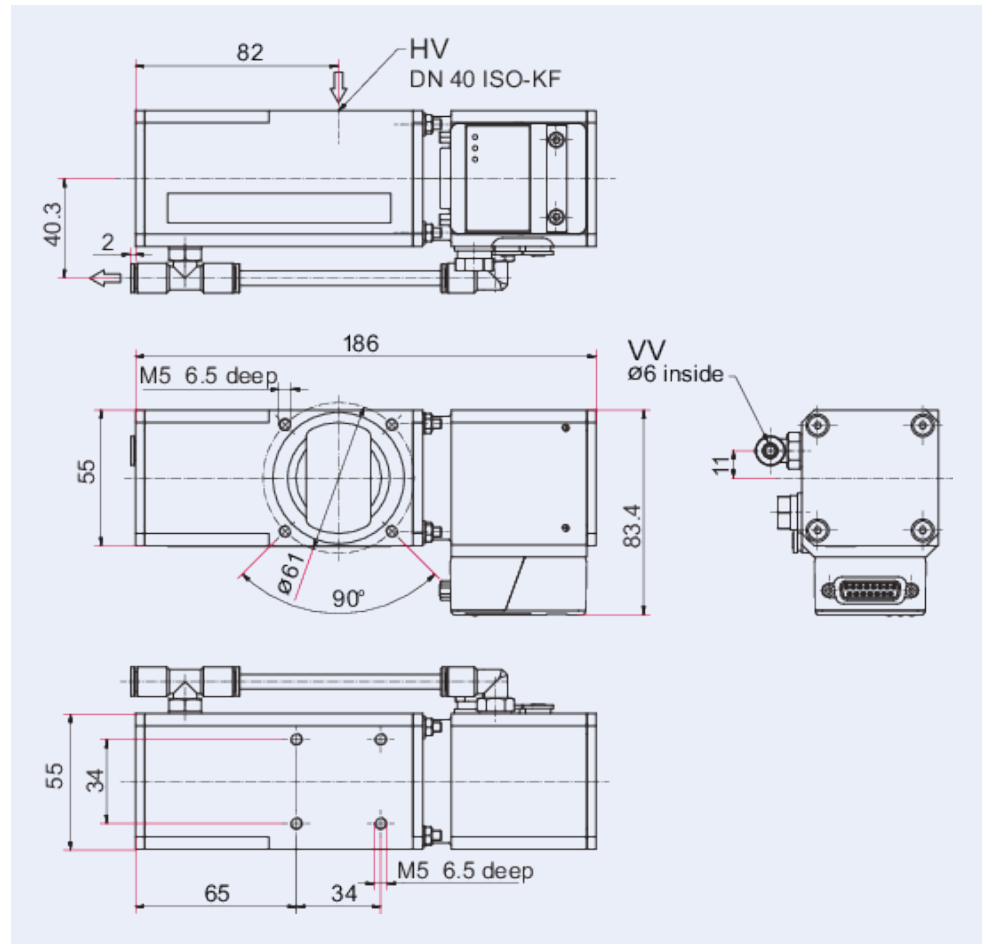
- Overall length: 186 mm
- Handle length: 82 mm
- Coil height: 40.3 mm
- Coil mounting holes: M5 6.5 deep
- Coil mounting holes: VV ø6 inside

**Top View:**

- Overall width: 55 mm
- End face diameter: Ø61
- Angle: 90°
- Coil mounting holes: M5 6.5 deep

**Side View:**

- Overall height: 55 mm
- Handle height: 34 mm
- Coil width: 65 mm
- Coil mounting holes: M5 6.5 deep



Technical Data	HiPace® 10 Neo with TC 80, DN 40
Connection flange (out)	Hose connection, 6 mm
Connection flange (in)	DN 40
Electronic drive unit	TC 80
Type of electronic drive unit installation	Integrated electronic drive unit
Rotation speed variable	50 – 100 %
I/O interfaces	RS-485, Remote
Mounting orientation	Arbitrary
Input voltage(s)	24 V DC (±10 %)
Cooling method	Air (Forced convection)
Bearing	Ball bearing
Power consumption max.	40 W
Mains frequency compatibility	50 Hz   60 Hz
Position of power supply pack	External power supply pack
Particle intake	Yes
Protection degree	IP20   Type 1
Permissible radial magnetic field max.	3 mT
Emission sound pressure level (EN ISO 2151) level 1	50 dB(A)
Final pressure according to PNEUROP	$5 \cdot 10^{-5}$ hPa   $3.75 \cdot 10^{-5}$ Torr   $5 \cdot 10^{-5}$ mbar

Order number	HiPace® 10 Neo with TC 80, DN 40
HiPace® 10 Neo with TC 80, DN 40	PM P05 940



Errors and/or changes excepted. - 2/24/2025

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