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# **Edwards nEXT Turbocart**

## **Technical Specifications**





nEXT240 (240 ls-1)

E2M1.5 (1.6 m3h-1)





RV12 (12.0 m3h-1)

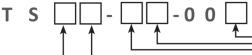




nXDS6i (6.2 m<sup>3</sup>h<sup>-1</sup>) nXDS10i (11.4 m3h-1) nXDS15i (15.1 m<sup>3</sup>h<sup>-1</sup>) nXDS20i (22.0 m3h-1)







Turbomolecular	
pump	
B nEXT240	
C nEXT300	

D nEXT400 E nEXT240T F nEXT300T G nEXT400T J nEXT85D

K nEXT85H

### **Inlet Flange**

1 DN40NW (nEXT85) 2 DN63ISO-K (nEXT85) 3 DN63CF (nEXT85) 4 DN100ISO-K (nEXT240/300) 5 DN100CF (nEXT240/300) 6 DN160ISO-K (nEXT400) 7 DN160CF (nEXT400)

#### **Backing Pump**

1 E2M1.5 2 RV5 3 RV12 A XDD1 D nXDS6i E nXDS10i F nXDS15i G nXDS20i

#### **Vent Option**

0 Manual Vent 1 TAV5 Vent Valve

#### **Electrical Supply**

1 220-240 V 50/60 Hz (Europe) 2 110-120 V 50/60 Hz (USA) 3 200 V 50/60 Hz (Japan) 4 220-240 V 50/60 Hz (UK)

PROVAC SALES, INC. 3131 SOQUEL DRIVE, SOQUEL CA 95073

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# **Edwards nEXT Turbocart Features & Benefits**

- feature an integrated TIC turbo & instrument controller
- simple intuitive controller interface
- supplied fully assembled & ready to run
- range of turbo pump options with pumping speeds from 47-100l/s and inlet flanges from KF40 to ISO160
- · all turbo & backing pumps are fully user serviceable
- robust metal frame with locking castors for easily mobile system
- · backing pump mounted on anti-vibration mounts for low noise

# **Applications**

· accelerators · analysis & surface physics · beam lines · electron beam welding · load locks · high energy physics · research & development · surface science · UHV systems

