VERTEX INDUSTRIAL SYSTEMS

MODEL / SKU

VertexPump VP-3200X Centrifugal Process Pump

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KEY SPECIFICATIONS

Dimensions	[illegible]
Weight	28.5 kg
Power Rating	3.0 kW / 4.0 HP
Operating Temp	-20C to +80C
Material	316L Stainless Steel
IP Rating	IP67

PRODUCT OVERVIEW

The VP-3200X is a high-performance centrifugal process pump designed for demanding chemical, pharmaceutical, and food processing applications. Featuring a magnetically coupled drive with zero-leak seal technology, the VP-3200X delivers reliable flow rates up to 320 m3/h while maintaining exceptional energy efficiency. The 316L stainless steel wetted parts provide superior corrosion resistance across a wide range of media, including aggressive chemicals, solvents, and high-purity fluids.

FULL SPECIFICATIONS

Max Flow Rate	320 m3/h
Max Head	85 m
Suction Port	DN80 (3") PN16
Discharge Port	DN65 (2.5") PN16
Impeller Type	Closed, dynamically balanced
Rated Speed	2,950 RPM
Motor Voltage	380-415V / 3-phase / 50Hz
Hydraulic Efficiency	92% at BEP
Noise Level	72 dB(A) at 1m
Vibration Class	ISO 10816 Zone A
Surface Finish	Ra 0.8 um (wetted parts)
Drive Coupling	Rare-earth magnetic coupling

CERTIFICATIONS & COMPLIANCE

CE, UL, ISO 9001, ATEX Zone 2

KEY FEATURES

- Magnetically coupled drive - zero mechanical seal, zero leakage risk
- 316L stainless steel wetted parts for broad chemical compatibility
- Flow rates up to 320 m3/h with 92% hydraulic efficiency
- ATEX Zone 2 certified for explosive atmosphere environments
- Tool-free impeller removal for rapid maintenance turnaround
- Integrated condition monitoring via IIoT-ready vibration sensors

TECHNICAL DRAWING

ORDERING INFORMATION

List price	$4,850.00
Lead time	4-6 weeks
Min. order qty	1 unit
Warranty	3 years parts & labor

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