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PACKO TWIN SCREW PUMP

CONTACT US FOR PRICING

Advantages Twin Screw Pumps

- ✓ Large radius corner case to avoid dead corners for a smooth flow
- ✓ Compact front loaded self-balanced mechanical seal system
- ✓ High speed range (up to 3000 rpm) of revolution ensures a 2-in1 operation for both products and CIP
- ✓ Pulsation free for gentle treatment and high suction performance for higher capacity
- ✓ 3A and EHEDG certified and elastomers with FDA & EC1935/2004 complied. Surface finish Ra 0,8 µm
- ✓ Fully drainable front cover

[Specs](#)

[ZS Manual](#)



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SKU: Pump Series ZS
Stock: Out of stock contact us for lead time
Categories: Progressing Cavity Pumps

GALLERY IMAGES



Example Layout of pumps with complete unit

- ① Common bed, ② Drive unit, ③ Coupling & coupling guard, ④ Gearbox,
- ⑤ Screw case with outlet (typically), ⑥ Front cover with Inlet (typically)

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PRODUCT DESCRIPTION

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Your benefits

Cleaner

- Certified to EHEDG, 3A and EC1935/2004
 - Wetted surfaces with Ra < 0.8 µm
 - Wetted parts in SS316L
 - Gearbox in stainless steel
- 2 in 1 Feature Convey and CIP with the same pump
 - Designed without dead spaces, O-ring grooves without dead corners
 - Wetted parts of mechanical seals directly in the product stream
 - Pump casing with large corners avoids product sticking and simplifies the cleaning process

Highest flexibility

- Connections according to customer requirements
- High speed range allows adjustment to nearly each viscosity

- Pump can be operated bi-directional
- Different screw options to adapt perfectly to each application
- Maximum product protection
 - No change in chamber geometry, thus no product squeezing
 - Linear conveying characteristic, since direction of flow is identical to the direction of rotation
 - Constant pressure build up
 - Smooth, low-shear pumping characteristics
- Heating/ Cooling jacket for casing and, many more options available

Pump series

ZS

Performances

Max flow rate	100 m ³ /h
Max viscosity	1.000.000 cP
Max differential pressure	12 bar
Max temperature	150°C

Technical specifications

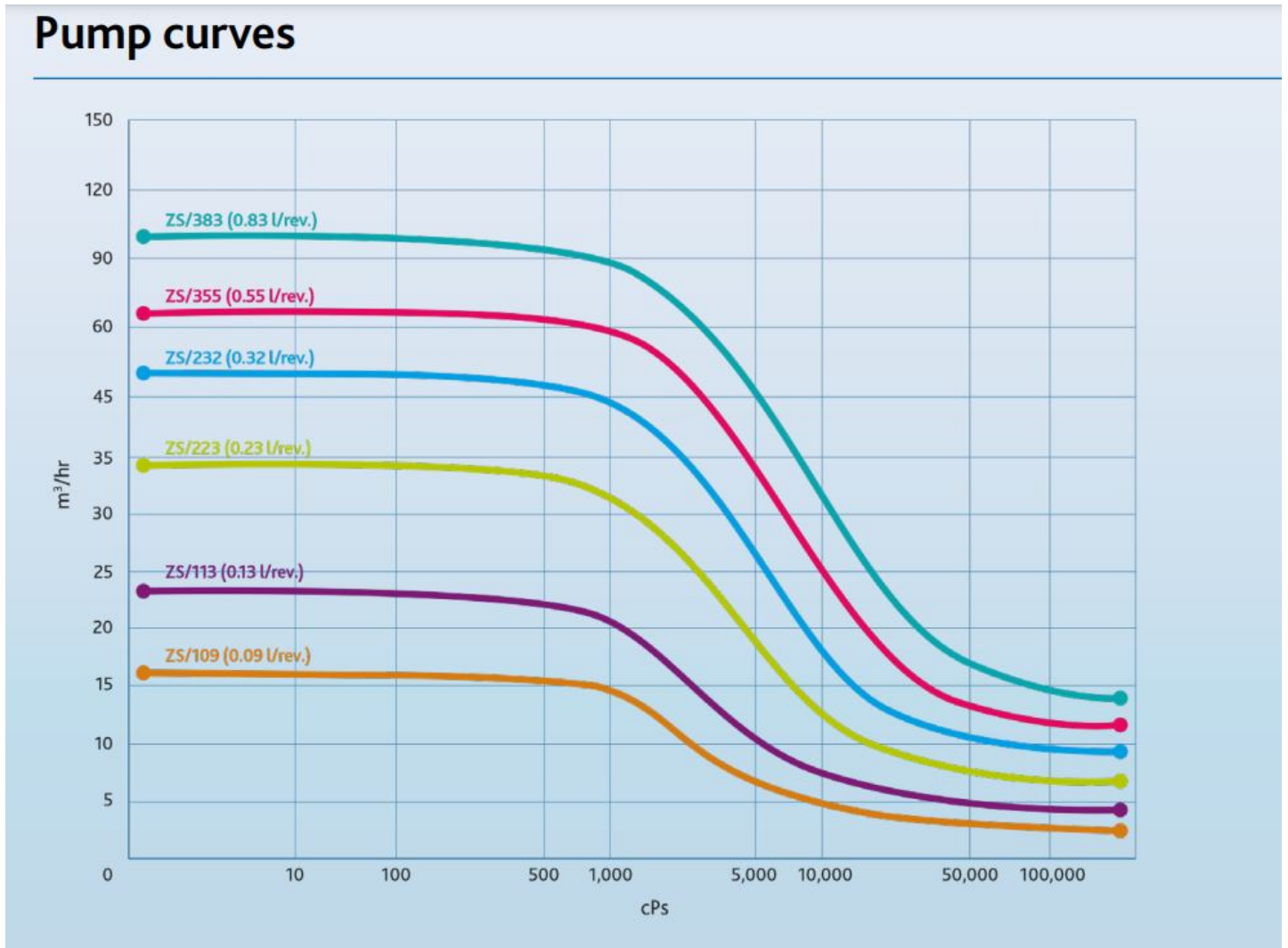
Materials wetted parts	stainless steel 316L
Seal configuration	single, flushed, double mechanical seal, triple lipseal
Available material O-ring	EPDM, FKM, FFKM
Connections	sanitary and industrial fittings
Surface finish	food quality, internal welds hand polished to 0.8 µm

Certificates & legislation



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Pump curves



ADDITIONAL INFORMATION

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