

DW 6+7

DW 6+7

With the introduction of the DW6+7 pumps, we have completed the DW range. The total range consists of 24 pumps handling capacities from 3 L/100 rev. to 1,016 L/100 rev. , 365 m³/h.

The extension covers 8 pumps ranging from 172 L/100 rev. up to 1,016 L/100 rev. The pressure range is 7-30 bar.

The DW 6+7 combines the industrial demand of high efficiency and high capacity with the demand for large-scale pumps used in hygienic applications. The sizes of the new pumps are quite unique in the field of positive displacement pumps.

As the pumps are a continuation of the existing DW range (1 to 5) all the well-known features are remained.



MODEL NUMBER	ROTOR TYPE	MAX. DISPLACEMENT LITERS PER 100 REVS	MAX. PRESSURE BAR	MAX. SPEED
DW6/172/15	PISTON	172	15	800
DW6/198/30	LOBE	198	30	800
DW6/308/15	LOBE	308	15	800
DW6/519/07	LOBE	519	7	800
DW7/370/15	PISTON	370	15	600
DW7/420/30	LOBE	420	30	600
DW7/725/15	LOBE	725	15	600
DW7/1016/07	LOBE	1,016	7	600

FEATURES AND BENEFITS

Designed for hygienic applications

The pumps are EHEDG and 3-A certified unlike most of the large-scale pumps made by our competitors. The pump is a 100% stainless steel pump.

High speed pumps

The outstanding design enables the pumps to run at high speed. The DW 6 is capable of running up to 800 rpm and the DW 7 600 rpm.

Easy maintenance

Always a main issue for APV Products. The DW 6+7 has front loaded mechanical seals enabling a change of all product seals from the front. No dismounting of the pump is required.

Gentle product handling

The patented design of the circumferential piston rotors as well as the design of the bi-lobe rotors insures a gentle product handling minimizing the risk of damaging sensitive products. Furthermore the special designed inlet which is partly behind the rotors enables better filling of the pump i.e minimizing internal cavitation. The DW6+7 can handle sensitive products such as fruit juice, cheese curds, whey, soft fruit etc.

Increased efficiency and reliability

The rotors can now be supplied in NGA (Non Galling Alloy). This is typically used in dosing or low viscosity applications. The NGA material is unique in the way that it can touch the pump house without damaging the pump. i.e extremely low tolerances can be applied without decreasing the reliability.

Low noise levels

Patented rotor design together with helical gears reduce the noise level to a minimum.

Aseptic version

The pumps can be supplied in an aseptic version. This requires a special designed front cover together with double mechanical shaft seals.



TECHNICAL DATA

ELASTOMER	EPDM, FPM ALL SEALS COMPLY WITH THE FDA REQUIREMENTS
PRODUCT - CONTACT PARTS	AISI 316L
ROTORS	LOBE: HIGH EFFICIENCY - 110° MULTI DUTY - 110° HIGH TEMPERATURE - 180° NGA PISTON: HIGH EFFICIENCY - 110° MULTI DUTY - 110° NGA

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit www.spxflow.com

SPXFLOW

SPX FLOW Stefana Rolbieskiego 2, PL- Bydgoszcz 85-862, Poland

T: (+48) 52 566 76 00, F: (+48) 52 525 99 09

E: answers.us@spxflow.com • www.spxflow.com

SPX FLOW, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation.

Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit www.spxflow.com.

The green "s" and "x" are trademarks of SPX FLOW, Inc.

APV-7008-GB VERSION 06/2017 ISSUED 06/2017 COPYRIGHT © 2017 SPX FLOW, Inc.