

# **DanPumps S-WP Pumps**

Wet, dry and portable wastewater pumps















# **DanPumps Pumps for Wastewater Applications**

#### The DanPumps Wastewater Programme

The DanPumps S-WP-range is a combination between high efficiency, intelligent design and practical features. This gives you a user-friendly pump with a long life cycle. The S-WP-range covers complete series of high quality and user-friendly wastewater pumps. From the smallest S-WPO - suitable for light industrial effluents, to the large S-WP5 - capable of handling heavy duty wastewater jobs from cities and industries.

### **Dry, Wet and Portable Wastewater Pumps**

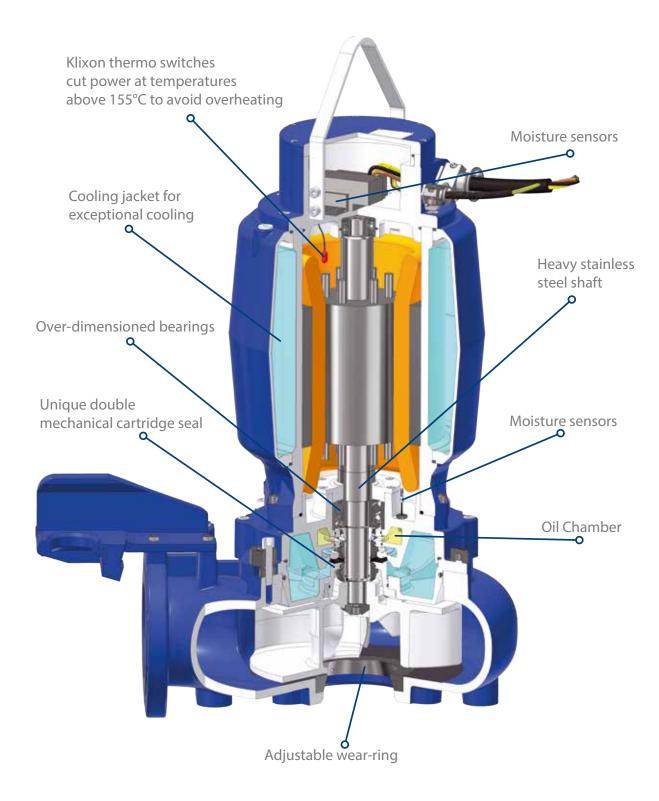
The DanPumps S-WP product programme is delivered for dry, wet or portable installations and with the choice of a vortex, a B-tween or a channel impeller. As an option, all DanPumps dry pit wastewater pumps can be delivered with IEC standard motors S-WN type.

#### High-efficiency Motors with Unique Heating and Moisture Protection

The motors are classified according to IE3. All DanPumps S-WP motors also have class F insulation, option as class H insulation, three thermal overload switches and a moisture sensor to alert the owner of a moisture intrusion before damage is caused to the motor.

#### **Oversized shafts**

Each pump has its own oversized shaft - oversized to ensure a smooth running pump without vibrations even at maximum power. This ensures many hours of reliable service both for the parts and for the pump as a whole. This guarantees a controlled temperature within the pump, which also protects the shaft and the motor windings.



#### **Exceptional Cooling**

The cooling jacket from DanPumps ensures optimal cooling of the motor in most operating conditions such as converter drive, dry installations and low level sump where overheating is otherwise likely to occur. DanPumps dry and portable wastewater pumps are delivered with a cooling jacket as standard. For the DanPumps wet pit pumps, the cooling jacket is an optional choice.

The cooling system is driven by an internal impeller placed in the mechanical cartridge seal that circulates the cooling liquid through the passages around the motor. The cooling liquid absorbs the high temperature from the motor and passes it on to the media being pumped through the pump.

As the system is a closed cooling system it does not use the media for cooling and the system does not clog due to the sludge.

As the temperature is controlled throughout the complete pumping process the parts of the pump are protected from too much starting and stopping, heating and cooling. The bearings, o-rings and mechanical seals all benefit from this reliable service, which again contributes to a long life for the pump.









#### **Unique Cartridge Seals and Easy Maintenance**

Our unique double-mechanical seals are installed in a user-friendly cartridge. This makes it possible to change the seal without using any special tools and eliminates any risk of improper installation. Also, the fast lock latch bolts make it easy to separate the pump from the motor. This in combination with the easy service of the oil tap drain reduces maintenance downtime considerably without any use of special tools.

#### Fast Lock Latch Bolt and Oil Tap Drain

Another unique feature of the DanPumps S-WP range is the fast lock latch bolts that make it easy to separate the pump from the motor.

This feature is very popular with the service staff, as it reduces maintenance downtime considerably. The locks are made of stainless steel. The pumps are equipped with an oil tap drain making service and oil change very easy.

# **Higher Efficiency with Adjustable Wear-ring**

DanPumps Pumps use an axially adjustable wear-ring to reduce the hydraulic loss between the impeller and the wear-ring. With this feature, the wear-ring can be regularly adjusted to optimize the pump efficiency when the pump starts to be affected by wear.

# The range of DanPumps Wastewater Pumps

This range of pumps is all designed for the wastewater industry and general industry. They are designed for practical's to pass through without any problem - ideal for raw sewage applications with large solid content or for general industries that are pumping fibrous medias.

# **DanPumps S-WP0**

The smallest wastewater pumps

- very efficient for low volume.
- Connection up to DN80
- Flow rate up to 68 m³/h
- Double mechanical seal
- Insulation class H motor

#### Model:

- S-WP0-37
- S-WP0-50
- S-WP0-65



# **DanPumps S-WP1**

Our small range pumps, designed for a high flow rate combined with medium pressure.

- Connection up to DN100
- Flow rate up to 180 m<sup>3</sup>/h
- IE3 motor class F, optional as class H, up to 3 kW 50 Hz and 4.4 kW 60 Hz
- Through let up to 70 mm

#### Model:

- S-WP1-70
- S-WP1-80
- S-WP1-100



### **DanPumps S-WP2**

Our middle range pumps, designed for a high flow rate combined with low pressure.

- Connection up to DN150
- Flow rate up to 380 m<sup>3</sup>/h
- IE3 motor class F, optional as class H, up to 11 kW 50 Hz and 12.6 kW 60 Hz
- Through let up to 100 mm

#### Model:

- S-WP2-80
- S-WP2-100
- S-WP2-150



#### DanPumps S-WP3

Also a middle range pump, designed for a high flow rate combined with high pressure.

- Connection up to DN150
- Flow rate up to 600 m<sup>3</sup>/h
- IE3 motor class F, optional as class H, up to 22 kW 50 Hz and 23.5 kW 60 Hz
- Through let up to 100 mm

#### Model:

- S-WP3-80
- S-WP3-100
- S-WP3-150



#### **DanPumps S-WP4**

A large range of pumps, designed for a high flow rate combined with high pressure.

- Connection up to DN300
- Flow rate up to 1600 m<sup>3</sup>/h
- IE3 motor class F, optional as class H, up to 65 kW 50 Hz and 75 kW 60 Hz
- Through let up to 130 mm

#### Model:

- S-WP4-100 S-WP4-150
  - S-WP4-200 S-WP4-250
- S-WP4-300



# DanPumps S-WP5

The large range pumps, designed for a high flow rate combined with low pressure.

- Connection up to DN400
- Flow rate up to 4000 m³/h
- IE3 motor class F, optional as class H, up to 200 kW 50 Hz and 230 kW 60 Hz
- Through let up to 100 mm

#### Model:

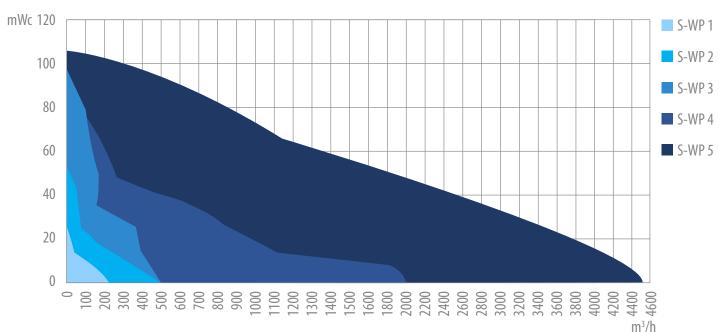
- S-WP5-100 S-WP5-150
- S-WP5-200 S-WP5-250
- S-WP5-300 S-WP5-350
- S-WP5-400

#### **Features for all pumps:**

- Channel, vortex and B-tween impeller
- Overheating and moisture protection
- Double mechanical cartridge seal\*
- For dry installation closed cooling jacket is a standard option\*
- Adjustable wear ring\*
- \* Does not include S-WP0



# S-WP Pump Curves



# **Choose the Most Optimal Impeller:**



• One or two channel impeller



• DP Multi channel impeller



B-tween impeller



Vortex impeller



 Vortex impeller made of AISI 316 stainless steel

All impeller are delivered in cast iron, stainless steel and duplex as an option

	111 / 11			
Materials				
Pump Housing, Base Elbow, Sealing Housing	Grey Cast Iron GJL-250 (GG25) A-48 Class35			
Impeller (cast iron), adapter	Ductile Cast Iron GJS-400-15 (GGG-40) A536 GR 65-45-15			
Stainless Impeller (option)	Stainless Cast Steel W.Nr.1.4401 / AISI 316			
Shaft	Stainless Steel W.Nr.1.4057 / AISI 431			
Seal Sleeve, Screws	Stainless Steel W.Nr.1.4301 / AISI 304			
Coolant	30% Propylene glycol 70% Water			
O-rings	Nitrile/ NBR			
Oil	Mobil DTE 24 Premium Hydraulic			
Mechanical Seal	Media Side: SIC/SIC Cooling Side: SIC (Carbon)			
Motor	Siemens /IE3 / Class F Optional as class H			

# **Advantages:**

- Cartridge seal
- Fast lock latch bolts
- Oil tap drain
- Closed cooling jacket
- Adjustable wear ring
- · Channel and vortex impellers in the same volute
- · High-efficiency motors
- Few spare parts
- · Easy maintenance and dismantling

September   Sept	Туре	kW P2	Rpm	Weight in kg Wet install	Weight in kg Dry install	Weight in kg Portable install	Weight in kg Base elbow	Throughlet in mm	Outlet flange
599996-2-10	S-WP0-30-2 - 1.ph	0,35	2850					5	R1"
5007562    0.0   2000   27   98   27   3   40   10   10   10   10   10   10   10									
Symphole   18							3		
50795-52									
SPPP No.   1.00		2,2							R21/2"
SAPPA   2002   SAPPA   2002   SAPPA   2002   SAPPA   2002   2003   SAPPA   2003									
\$\frac{1}{2} \text{\$\frac{1}{2} \text{\$\frac{1}{2}} \$\frac									
Sept									
Sept   14-14   15-18   160   170					102				DN80
SWITS   14									
SWP184-1									
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\$907-94-2		3,0/3,5	1460/1700						
\$ \$\text{\$P\$24942}\$ 100 \text{\$P\$2590}\$ 131 131 133 134 55 70 0000 \$\text{\$P\$2590}\$ 100 \$									
50/27   100   4,00   100									
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\$WP-1956									
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\$WF93-02   15,574.0   29003590   219   221   221   36   70   0.01100   5.979.590   2,20.075.3   29003590   219   221   221   36   70   0.01100   5.979.590   2,20.075.3   29003590   219   221   221   36   70   0.01100   5.979.590   2,20.075.3   29003590   219   221   221   36   70   0.01100   5.979.590   2,20.075.3   29003590   219   221   221   36   70   0.01100   5.979.5100   4   9.011.0   1.00000000000000000000000000000									
Sympa   18   Sym   3   2980/3500   219   221   221   36   70   0.00100									
\$WP3-90-2 \$5,007.80 \$980,0350 219 221 221 36 79 MINIO \$WP3-90-04 7,58,66 1460,07700 201 203 207 36 100 MINIO \$WP3-90-04 \$5,007.10 1460,07700 204 205 217 217 36 100 MINIO \$WP3-90-04 10,574,04 1460,0700 225 227 217 213 36 100 MINIO \$WP3-90-04 11,574,04 1460,0700 225 227 217 213 36 100 MINIO \$WP3-90-04 11,574,04 1460,0700 246 246 247 259 36 100 MINIO \$WP3-90-04 120,075,03 1460,0700 246 247 259 36 100 MINIO \$WP3-90-06 6,67,5 970,000 223 225 225 225 25 36 100 MINIO \$WP3-90-06 6,67,5 970,000 223 225 225 225 25 36 100 MINIO \$WP3-90-06 15,67,16 970,000 223 225 225 225 25 36 100 MINIO \$WP3-90-04 17,50,66 1400,0700 215 217 227 227 65 100 MINIO \$WP3-90-04 17,50,66 1400,0700 217 227 227 227 65 100 MINIO \$WP3-90-04 15,70,76 1400,0700 2217 227 227 227 65 100 MINIO \$WP3-90-04 15,70,76 1400,0700 2217 227 227 227 65 100 MINIO \$WP3-90-04 15,70,76 1400,0700 2217 227 227 65 100 MINIO \$WP3-90-04 15,70,76 1400,0700 2217 227 227 65 100 MINIO \$WP3-90-04 15,70,76 1400 MINIO \$WP3-90-04 15,70,77 1400 MINIO \$WP3-90-04 15,70,70 1400 MIN									
\$WP3-1014   7.5.8.6   1.601/1701   201   205   207   36   100   DHILDO   5WP3-1014   1.5.14.20   1.4601/1701   225   227   222   36   100   DHILDO   5WP3-1014   1.5.14.20   1.4601/1701   248									
SWY-100-4   9,011,0   1460/1700   264   206   211   36   100   0.01100   5.WY-100-4   12,714.0   1460/1700   241   243   247   36   100   0.01100   5.WY-100-4   18,721,3   1460/1700   241   248   247   36   100   0.01100   5.WY-100-4   18,721,3   1460/1700   241   248   247   36   100   0.01100   5.WY-100-4   18,721,3   1460/1700   241   248   247   248   35   36   100   0.01100   3.WY-100-4   3.WY-100-4   3.WY-100-4   3.WY-100-4   3.WY-100-6									
\$WP3-1004   12,5714,0   1460/1700   241   248   247   36   100   0.01100   5WP3-1004   18,5721,3   1460/1700   241   248   247   36   100   0.01100   5WP3-1004   18,5721,3   1460/1700   241   226   227   220   267   36   100   0.01100   5WP3-1006   0.0572,3   1460/1700   248   227   220   258   100   0.01100   5WP3-1006   0.0572,3   1460/1700   228   227   228   258   100   0.01100   5WP3-1006   0.0572,3   1460/1700   228   227   229   258   100   0.01100   5WP3-1006   0.0572,3   1460/1700   228   227   229   258   100   0.01100   5WP3-1006   0.0572,3   1460/1700   221   227   227   258   100   0.00159   5WP3-1504   12,5714,0   1460/1700   228   240   220   65   100   0.00159   5WP3-1504   13,5713,3   1460/1700   228   240   220   65   100   0.00159   5WP3-1504   18,5713,3   1460/1700   228   240   220   65   100   0.00159   5WP3-1504   18,5713,3   1460/1700   228   220   227   227   257   267   100   0.00159   5WP3-1504   18,5713,3   1460/1700   229   229   220   227   227   257									
\$WP\$-1004   18,771.3   146071700   201   203   207   36   100   MR100   SWP\$-1006   26,67.5   97071000   223   225   225   36   100   MR100   SWP\$-1006   15,772.6   97071000   223   225   225   36   100   MR100   SWP\$-1006   15,772.6   97071000   223   225   225   36   100   MR100   SWP\$-1004   17,58.6   146071700   217   217   217   217   227   36   100   MR100   SWP\$-1004   17,58.6   146071700   218   217   217   217   217   217   36   100   MR100   SWP\$-1004   15,78.6   146071700   218   240   250   65   100   MR150   SWP\$-1504   15,78.6   146071700   228   240   250   65   100   MR150   SWP\$-1504   15,78.6   146071700   228   240   250   65   100   MR150   SWP\$-1504   15,78.13   146071700   228   240   250   65   100   MR150   SWP\$-1504   15,78.13   146071700   228   240   250   65   100   MR150   SWP\$-1504   15,78.13   146071700   228   240   250   65   100   MR150   SWP\$-1504   15,78.13   146071700   228   240   250   65   100   MR150   SWP\$-1504   15,78.13   146071700   228   240   250   65   100   MR150   SWP\$-1504   15,78.13   146071700   259   262   270   65   100   MR150   SWP\$-1504   22,00253   146071700   259   262   270   65   100   MR150   SWP\$-1506   6,77   97071000   223   225   225   65   100   MR150   SWP\$-1506   6,77   97071000   223   225   225   65   100   MR150   SWP\$-1506   6,77   97071000   223   225   225   65   100   MR150   SWP\$-1506   6,77   97071000   223   225   225   65   100   MR150   SWP\$-1506   400									
\$WP3-100-4									
SWP-106   6,67,5   970,1000   233   225   225   36   100   MINO   SWP-106   11,571.6   970,1000   220   272   277   227   65   100   MINO   SWP-104   7,576,6   1460,1700   215   277   227   65   100   MINO   SWP-104   12,574.0   1460,1700   218   240   250   65   100   MINO   SWP-104   12,574.0   1460,1700   238   240   250   65   100   MINO   SWP-104   12,574.0   1460,1700   238   240   250   65   100   MINO   SWP-105   15,075.3   1460,1700   238   240   250   65   100   MINO   SWP-105   270   270   65   100   MINO   SWP-105   270   270   65   100   MINO   SWP-106   6,07,5   970,1000   259   260   270   65   100   MINO   SWP-106   6,07,5   970,1000   223   225   235   65   100   MINO   SWP-106   15,071.3   1460,1700   238   240   250   65   100   MINO   SWP-106   15,071.3   1460,1700   259   260   270   65   100   MINO   SWP-106   15,071.3   1460,1700   259   260   270   65   100   MINO   SWP-106   15,071.3   1460,1700   243   225   235   65   100   MINO   SWP-106   15,071.3   1460,1700   433   593   444   36   80   MINO   SWP-106   22,072.3   1460,1700   453   603   484   36   80   MINO   SWP-106   37,082.5   1460,1700   599   676   510   36   80   MINO   SWP-106   37,082.5   1460,1700   599   676   500   36   80   MINO   SWP-106   35,082.5   1460,1700   599   676   500   36   80   MINO   SWP-106   35,082.5   1460,1700   599   676   500   36   80   MINO   SWP-106   35,082.5   1460,1700   592   777   603   36   80   MINO   SWP-106   35,082.5   1460,1700   592   777   603   36   80   MINO   SWP-106   35,082.5   1460,1700   592   777   603   36   80   MINO   SWP-106   37,082.5   1460,1700   592   777   603   65   100   MINO   SWP-106   37,082.5   1460,1700   592   777   603   65   100   MINO   SWP-106   37,082.5   1460,1700   592   676   590   65   100   MINO   SWP-106   37,082.5   1460,1700   593   694   590   65   100   MINO   SWP-106   37,082.5   1460,1700   593   694   590   65   100   MINO   SWP-106   37,082.5   1460,1700   593   695   590   65   100   MINO   SWP-106   37,082.5   1460,1700   593   695   590									
SWP-190-6  11,5712,6  17,578,6  1407/700  217  219  229  65  100  DH150  SWP-190-4  12,574.0  16,07700  217  219  229  65  100  DH150  SWP-190-4  12,574.0  16,07700  228  240  250  65  100  DH150  SWP-190-4  15,571,3  14607700  228  240  250  65  100  DH150  SWP-190-4  15,571,3  14607700  228  240  250  65  100  DH150  SWP-190-4  15,571,3  14607700  238  240  250  265  100  DH150  SWP-190-4  15,571,3  14607700  238  240  250  265  100  DH150  SWP-190-4  15,571,3  14607700  270  270  270  270  270  270  27									
\$\text{SWP}=159-4 & 9,011,0 & 146,01700 & 217 & 219 & 229 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 15,171,0 & 146,01700 & 238 & 240 & 259 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 15,017,5 & 146,01700 & 238 & 240 & 259 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 15,017,5 & 146,01700 & 228 & 240 & 259 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 15,017,5 & 146,01700 & 229 & 262 & 270 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 22,025,3 & 146,01700 & 259 & 262 & 270 & 65 & 100 & DN150 \\ \$\text{SWP}=159-6 & 6,67,5 & 970,000 & 273 & 272 & 235 & 55 & 100 & DN150 \\ \$\text{SWP}=159-6 & 11,012,6 & 970,000 & 274 & 272 & 232 & 235 & 65 & 100 & DN150 \\ \$\text{SWP}=159-6 & 11,012,6 & 970,000 & 274 & 272 & 232 & 245 & 56 & 100 & DN150 \\ \$\text{SWP}=159-6 & 11,012,6 & 970,000 & 274 & 272 & 232 & 245 & 56 & 100 & DN150 \\ \$\text{SWP}=159-6 & 11,012,6 & 970,000 & 274 & 272 & 232 & 245 & 56 & 100 & DN150 \\ \$\text{SWP}=159-6 & 11,012,6 & 970,000 & 274 & 272 & 232 & 245 & 56 & 100 & DN150 \\ \$\text{SWP}=159-6 & 11,012,6 & 970,000 & 274 & 272 & 234 & 244 & 55 & 100 & DN150 \\ \$\text{SWP}=159-4 & 20,073,5 & 1460,1700 & 499 & 0.26 & 150 & 36 & 30 & DN160 \\ \$\text{SWP}=159-4 & 30,073,5 & 1460,1700 & 592 & 717 & 603 & 36 & 30 & DN160 \\ \$\text{SWP}=159-4 & 50,072,0 & 1460,1700 & 592 & 717 & 603 & 36 & 30 & DN160 \\ \$\text{SWP}=159-4 & 50,072,0 & 1460,1700 & 664 & 779 & 615 & 36 & 30 & DN160 \\ \$\text{SWP}=159-4 & 15,072,0 & 1460,1700 & 466 & 779 & 615 & 36 & 30 & DN160 \\ \$\text{SWP}=159-4 & 30,033,5 & 1460,1700 & 466 & 373 & 475 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 30,033,5 & 1460,1700 & 366 & 373 & 475 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 30,033,5 & 1460,1700 & 366 & 373 & 475 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 30,033,5 & 1460,1700 & 353 & 654 & 360 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 30,033,5 & 1460,1700 & 353 & 654 & 360 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 30,033,5 & 1460,1700 & 353 & 638 & 500 & 65 & 100 & DN150 \\ \$\text{SWP}=159-4 & 30,033,5 & 1460,1700 & 353 & 638 & 500 & 65 & 100 & DN150 \\ \$\text									
\$\text{Symp}\$-159-4  12,5714,0  146,01700  238  299  65  100  DN150  5797-159-4  18,572,3  146,01700  215  217  227  65  100  DN150  5797-159-4  18,572,3  146,01700  225  227  227  65  100  DN150  5797-159-6  66,67.5  970/1000  223  225  225  225  65  100  DN150  5797-159-6  66,67.5  970/1000  223  225  225  225  65  100  DN150  5797-159-6  18,572,3  146,01700  43  393  474  36  30  DN1100  5797-159-6  43  43  593  474  36  30  DN1100  5797-159-6  30,033,5  146,01700  43  393  474  36  30  30,033,5  146,01700  483  484  36  36  36  38  88  38  88  38  89  101,000  5797-159-159-159-159-159-159-159-159-159-159									
\$WP3-190-4 18,57(13) 1460/1700 238 240 250 65 100 0N150 \$WP3-190-4 18,57(13) 1460/1700 255 277 27 65 100 0N150 \$WP3-190-4 22,075.3 1460/1700 259 262 270 65 100 0N150 \$WP3-190-6 66,67,5 970/1000 270 272 282 65 100 0N150 \$WP3-190-6 11,07(26) 970/1000 270 272 282 65 100 0N150 \$WP3-190-6 11,07(26) 970/1000 470 270 272 282 65 100 0N150 \$WP3-190-6 12,07(25) 1460/1700 443 593 474 36 80 0N100 \$WP3-190-4 22,075.3 1460/1700 453 603 884 36 80 0N100 \$WP3-190-4 20,075.3 1460/1700 499 626 510 36 80 0N100 \$WP3-190-4 30,073.5 1460/1700 599 674 560 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 592 777 603 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 80 0N100 \$WP3-190-4 50,072.0 1460/1700 694 779 615 36 60 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 100 0N150 \$WP3-190-4 50,072.0 1460/1700 698 779 615 65 60 60 60 60 60 60 60 60 60 60 60 60 60									
\$WP-190-4 18,57(1)3 1460/1700 215 217 227 65 100 0N150 \$WP-190-6 66,67/5 970/1700 223 225 225 65 100 0N150 \$WP-190-6 10,0726 970/1700 223 225 225 65 100 0N150 \$WP-190-6 11,0726 970/1700 423 225 225 225 65 100 0N150 \$WP-190-4 18,57(1)3 1460/1700 443 993 474 36 80 0N100 \$WP-100-4 22,075.3 1460/1700 493 636 80 0N100 \$WP-100-4 30,0733,5 1460/1700 499 636 510 36 80 0N100 \$WP-100-4 30,0733,5 1460/1700 999 636 510 36 80 0N100 \$WP-100-4 50,072.0 1460/1700 999 636 510 36 80 0N100 \$WP-100-4 50,072.0 1460/1700 992 7717 603 36 80 0N100 \$WP-100-4 50,072.0 1460/1700 992 7717 603 36 80 0N100 \$WP-100-4 50,072.0 1460/1700 992 7717 603 36 80 0N100 \$WP-100-4 50,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 50,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 694 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 696 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 696 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 696 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 698 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 698 729 615 36 80 0N100 \$WP-100-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 100 0N150 \$WP-150-4 85,072.0 1460/1700 698 729 615 65 60 60 720 60 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 720 60 80 72									
\$\text{SWP}\$-1596 & 6,67/5 & 970,1000 & 223 & 225 & 225 & 65 & 100 & NH150 \text{SWP}\$-1596 & 10,1072.6 & 970,1000 & 270 & 272 & 282. & 65 & 100 & NH150 \text{SWP}\$-1004 & 18,5721_3 & 1460/1700 & 443 & 593 & 474 & 36 & 80 & NH100 \text{SWP}\$-1004 & 30,073_5 & 1460/1700 & 499 & 626 & 510 & 36 & 80 & NH100 \text{SWP}\$-1004 & 30,073_5 & 1460/1700 & 549 & 674 & 500 & 36 & 80 & NH100 \text{SWP}\$-1004 & 55,062_0 & 1460/1700 & 592 & 717 & 603 & 36 & 80 & NH100 \text{SWP}\$-1004 & 55,062_0 & 1460/1700 & 692 & 717 & 603 & 36 & 80 & NH100 \text{SWP}\$-1004 & 55,062_0 & 1460/1700 & 604 & 729 & 615 & 36 & 80 & NH100 \text{SWP}\$-1004 & 65,078_0 & 1460/1700 & 604 & 729 & 615 & 36 & 80 & NH100 \text{SWP}\$-1004 & 65,078_0 & 1460/1700 & 604 & 729 & 615 & 36 & 80 & NH100 \text{SWP}\$-1504 & 18,572_1 3 & 1460/1700 & 476 & 583 & 485 & 65 & 100 & NH150 \text{SWP}\$-1504 & 12,072_3 3 & 1460/1700 & 476 & 583 & 485 & 65 & 100 & NH150 \text{SWP}\$-1504 & 22,072_3 3 & 1460/1700 & 592 & 699 & 510 & 65 & 100 & NH150 \text{SWP}\$-1504 & 30,033_5 & 1460/1700 & 552 & 699 & 510 & 65 & 100 & NH150 \text{SWP}\$-1504 & 30,033_5 & 1460/1700 & 553 & 654 & 500 & 65 & 100 & NH150 \text{SWP}\$-1504 & 30,033_5 & 1460/1700 & 553 & 654 & 500 & 65 & 100 & NH150 \text{SWP}\$-1504 & 55,002_0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & NH150 \text{SWP}\$-1504 & 65,078_0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & NH150 \text{SWP}\$-1504 & 65,078_0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & NH150 \text{SWP}\$-1504 & 55,002_0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & NH150 \text{SWP}\$-1504 & 55,002_0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & NH150 \text{SWP}\$-1504 & 55,002_0 & 1460/1700 & 618 & 709 & 615 & 65 & 100 & NH150 \text{SWP}\$-1504 & 55,002_0 & 1460/1700 & 618 & 709 & 615 & 66 & 60 & 60 & 60 & 60 & 60 & 60 & 6	S-WP3-150-4	18,5/21,3	1460/1700	215		227	65		DN150
\$\frac{\text{SWP-130-6}}{\text{SWP-100-4}}\$									
\$\frac{\text{SWP-1100-4}}{\text{2},002/53}\$   \frac{1400}{1700}\$   \frac{43}{3}\$   \frac{93}{3}\$   \frac{47}{44}\$   \frac{36}{3}\$   \frac{80}{3}\$   \text{MP-1100-4}\$   \frac{20}{3},0033.5\$   \frac{1400}{1700}\$   \frac{499}{99}\$   \frac{67}{6}\$   \frac{50}{3}\$   \frac{3}{3}\$   \frac{80}{3}\$   \text{MP-1100-4}\$   \frac{30}{3},0033.5\$   \frac{1400}{1700}\$   \frac{59}{99}\$   \frac{67}{6}\$   \frac{50}{3}\$   \frac{3}{3}\$   \text{MP-1100-4}\$   \frac{45}{3},0042.5\$   \frac{1400}{1400}\$   \frac{59}{92}\$   \frac{77}{17}\$   \frac{60}{3}\$   \frac{3}{3}\$   \text{MP-1100-4}\$   \frac{45}{3},0062.0\$   \frac{1400}{1400}\$   \frac{60}{3}\$   \frac{77}{2}\$   \frac{615}{3}\$   \frac{3}{3}\$   \text{MP-1100-4}\$   \frac{65}{3}\$   \frac{77}{3}\$   \frac{1400}{3}\$   \frac{77}{3}\$   \frac{60}{3}\$   \frac{7}{3}\$   \frac{77}{3}\$   \frac{65}{3}\$   \text{MP-1100-4}\$   \frac{65}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{65}{3}\$   \text{MP-1100-4}\$   \frac{65}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{65}{3}\$   \text{MP-1100-4}\$   \frac{65}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{65}{3}\$   \text{MP-1100-4}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{65}{3}\$   \text{MP-1100-4}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{77}{3}\$   \frac{65}{3}\$   \text{MP-1100-4}\$   \frac{77}{3}\$   \frac{77}{3									
\$\text{SWR-100-4} & 31,033.5,  \text{146,01700} & 499 & 626 & 510 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 37,042.5 & 146,01700 & 592 & 717 & 693 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 45,052.0 & 146,01700 & 694 & 729 & 615 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 65,076.0 & 146,01700 & 604 & 729 & 615 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 65,076.0 & 146,01700 & 604 & 729 & 615 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 18,820.13 & 146,01700 & 466 & 573 & 475 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 18,820.13 & 146,01700 & 476 & 583 & 485 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 22,025.3 & 146,01700 & 592 & 609 & 510 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 593 & 654 & 560 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 596 & 697 & 603 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 608 & 709 & 615 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 55,062.0 & 146,01700 & 608 & 709 & 615 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 55,062.0 & 146,01700 & 608 & 709 & 615 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 55,062.0 & 146,01700 & 608 & 709 & 615 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 18,571.3 & 146,01700 & 608 & 709 & 615 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 18,572.3 & 146,01700 & 515 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 18,572.3 & 146,01700 & 515 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 18,572.3 & 146,01700 & 515 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 513 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 513 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 513 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 513 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 618 & 738 & 615 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 618 & 738 & 615 & 76 & 100 & DN200 \\ \$\text{SWR-150-4} & 37,042.5 & 146,01700 & 618 & 738 & 618 & 500 & 76 & 100 & DN200 \\ \$\text									
\$\text{SWR-100-4} & 37,042.5 & 1460/1700 & 549 & 674 & 560 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 45,052.0 & 1460/1700 & 604 & 729 & 615 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 55,062.0 & 1460/1700 & 604 & 729 & 615 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 55,062.0 & 1460/1700 & 604 & 729 & 615 & 36 & 80 & DN100 \\ \$\text{SWR-100-4} & 18,571.3 & 1460/1700 & 466 & 573 & 475 & 65 & 100 & DN150 \\ \$\text{SWR-100-4} & 18,571.3 & 1460/1700 & 476 & 533 & 485 & 65 & 100 & DN150 \\ \$\text{SWR-100-4} & 18,571.3 & 1460/1700 & 476 & 533 & 485 & 65 & 100 & DN150 \\ \$\text{SWR-130-4} & 13,003.5 & 1460/1700 & 552 & 609 & 510 & 65 & 100 & DN150 \\ \$\text{SWR-1450-4} & 37,042.5 & 1460/1700 & 553 & 654 & 560 & 65 & 100 & DN150 \\ \$\text{SWR-1450-4} & 37,042.5 & 1460/1700 & 553 & 654 & 560 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 45,052.0 & 1460/1700 & 668 & 709 & 615 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 55,062.0 & 1460/1700 & 668 & 709 & 615 & 65 & 100 & DN150 \\ \$\text{SWR-150-4} & 18,571.3 & 1460/1700 & 515 & 615 & 547 & 76 & 100 & DN150 \\ \$\text{SWR-120-4} & 18,571.3 & 1460/1700 & 515 & 615 & 547 & 76 & 100 & DN150 \\ \$\text{SWR-120-4} & 18,572.1 & 1460/1700 & 515 & 615 & 547 & 76 & 100 & DN200 \\ \$\text{SWR-120-4} & 37,042.5 & 1460/1700 & 513 & 638 & 570 & 76 & 100 & DN200 \\ \$\text{SWR-120-4} & 30,073.5 & 1460/1700 & 533 & 638 & 570 & 76 & 100 & DN200 \\ \$\text{SWR-120-4} & 30,073.5 & 1460/1700 & 533 & 638 & 570 & 76 & 100 & DN200 \\ \$\text{SWR-120-4} & 45,075.0 & 1460/1700 & 638 & 738 & 675 & 76 & 100 & DN200 \\ \$\text{SWR-120-4} & 45,075.0 & 1460/1700 & 638 & 738 & 675 & 76 & 100 & DN200 \\ \$\text{SWR-120-4} & 45,075.0 & 970/1000 & 566 & 666 & 603 & 76 & 100 & DN200 \\ \$\text{SWR-120-6} & 37,044.5 & 970/1000 & 566 & 666 & 603 & 76 & 100 & DN200 \\ \$\text{SWR-120-6} & 37,044.5 & 970/1000 & 605 & 725 & 662 & 76 & 100 & DN200 \\ \$\text{SWR-120-6} & 37,044.5 & 970/1000 & 665 & 726 & 663 & 225 & 100 & DN250 \\ \$\text{SWR-120-6} & 37,044.5 & 970/1000 & 665 & 726 & 663 & 225 & 100 & DN250 \\ \$\text{SWR-120-6} & 37,044									
\$\text{SWR-100-4}\$									
\$\text{SWR-10-04}									
\$\text{SWP4-150-4} & 18,5/21,3 & 1460/1700 & 466 & 573 & 475 & 65 & 100 & 0N150 \\ \$\text{SWP4-150-4} & 12,0/25,3 & 1460/1700 & 502 & 609 & 510 & 65 & 100 & 0N150 \\ \$\text{SWP4-150-4} & 30,0/33,5 & 1460/1700 & 502 & 609 & 510 & 65 & 100 & 0N150 \\ \$\text{SWP4-150-4} & 37,0/42,5 & 1460/1700 & 596 & 697 & 603 & 65 & 100 & 0N150 \\ \$\text{SWP4-150-4} & 45,0/52,0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & 0N150 \\ \$\text{SWP4-150-4} & 55,0/62,0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & 0N150 \\ \$\text{SWP4-150-4} & 65,0/78,0 & 1460/1700 & 608 & 709 & 615 & 65 & 100 & 0N150 \\ \$\text{SWP4-150-4} & 65,0/78,0 & 1460/1700 & 515 & 615 & 547 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 18,5/21,3 & 1460/1700 & 515 & 615 & 547 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 18,5/21,3 & 1460/1700 & 533 & 638 & 570 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 37,0/42,5 & 1460/1700 & 533 & 638 & 570 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 37,0/42,5 & 1460/1700 & 533 & 638 & 570 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 37,0/42,5 & 1460/1700 & 533 & 638 & 570 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 37,0/42,5 & 1460/1700 & 638 & 738 & 675 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 37,0/42,5 & 1460/1700 & 638 & 738 & 675 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-4} & 37,0/42,5 & 1460/1700 & 638 & 738 & 675 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-6} & 18,5/22,0 & 970/1000 & 638 & 738 & 675 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-6} & 18,5/22,0 & 970/1000 & 636 & 666 & 603 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-6} & 18,5/22,0 & 970/1000 & 666 & 666 & 603 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-6} & 18,5/21,3 & 1460/1700 & 533 & 638 & 570 & 235 & 100 & 0N200 \\ \$\text{SWP4-200-6} & 37,0/44,5 & 970/1000 & 625 & 725 & 662 & 76 & 100 & 0N200 \\ \$\text{SWP4-200-6} & 37,0/42,5 & 1460/1700 & 533 & 638 & 570 & 235 & 100 & 0N250 \\ \$\text{SWP4-250-6} & 30,0/35,0 & 970/1000 & 626 & 726 & 663 & 235 & 100 & 0N250 \\ \$\text{SWP4-250-6} & 30,0/35,0 & 970/1000 & 626 & 726 & 663 & 235 & 100 & 0N250 \\ \$\text{SWP4-250-6} & 30,0/35,0 & 970/1000 & 626 & 726 &									
SWP4-150-4									
\$\frac{\text{SWP4-150-4}}{\text{37.04}}\$ 30,033.5									
S-WP4-150-4 37,042.5 1460/1700 553 654 560 65 100 DN150 SWP4-150-4 55,062.0 1460/1700 608 709 615 65 100 DN150 SWP4-150-4 65,078.0 1460/1700 608 709 615 65 100 DN150 SWP4-150-4 18,572.13 1460/1700 515 615 515 55 100 DN150 SWP4-150-4 18,572.13 1460/1700 515 615 515 57 76 100 DN150 SWP4-200-4 18,572.13 1460/1700 515 615 517 76 100 DN200 SWP4-200-4 30,033.5 1460/1700 525 625 557 76 100 DN200 SWP4-200-4 37,042.5 1460/1700 533 638 583 570 76 100 DN200 SWP4-200-4 55,062.0 1460/1700 533 638 683 620 76 100 DN200 SWP4-200-4 55,062.0 1460/1700 638 738 675 76 100 DN200 SWP4-200-4 55,062.0 1460/1700 638 738 675 76 100 DN200 SWP4-200-4 55,062.0 1460/1700 638 738 675 76 100 DN200 SWP4-200-4 55,062.0 1460/1700 638 738 675 76 100 DN200 SWP4-200-6 18,572.2 970/1000 533 638 538 570 76 100 DN200 SWP4-200-6 18,572.2 970/1000 533 638 738 675 76 100 DN200 SWP4-200-6 18,572.2 970/1000 533 638 738 675 76 100 DN200 SWP4-200-6 18,572.2 970/1000 533 638 738 675 76 100 DN200 SWP4-200-6 18,572.2 970/1000 536 666 666 603 76 100 DN200 SWP4-200-6 30,033.5 970/1000 616 716 570 SWP4-200-6 30,033.5 970/1000 566 666 666 603 76 100 DN200 SWP4-200-6 37,044,5 970/1000 616 716 653 76 100 DN200 SWP4-200-6 37,044,5 970/1000 625 725 662 75 662 76 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 235 100 DN200 SWP4-200-6 37,044,5 970/1000 533 638 570 2									
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S-WP4-150-4         65,07/80         1460/1700         608         709         615         65         100         DN150           S-WP4-200-4         18,5/21,3         1460/1700         515         615         547         76         100         DN200           S-WP4-200-4         22,0/25,3         1460/1700         533         638         570         76         100         DN200           S-WP4-200-4         37,0/42,5         1460/1700         583         683         620         76         100         DN200           S-WP4-200-4         45,0/52,0         1460/1700         626         726         633         76         100         DN200           S-WP4-200-4         55,0/62,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-4         65,0/78,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-6         18,5/22,0         970/1000         533         638         570         76         100         DN200           S-WP4-200-6         18,5/22,0         970/1000         566         666         663         37         6         100									
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S-WP4-200-4         22/07/53         1460/1700         525         625         557         76         100         DN200           S-WP4-200-4         30,073,5         1460/1700         533         638         570         76         100         DN200           S-WP4-200-4         45,0/52,0         1460/1700         626         726         663         76         100         DN200           S-WP4-200-4         55,0/62,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-4         65,0/78,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-6         18,5/22,0         970/1000         533         638         570         76         100         DN200           S-WP4-200-6         22,0/26,0         970/1000         566         666         663         76         100         DN200           S-WP4-200-6         30,0/36,0         970/1000         625         725         662         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN250									
S-WP4-200-4         37,042,5         1460/1700         583         683         620         76         100         DN200           S-WP4-200-4         45,0/52,0         1460/1700         626         726         663         76         100         DN200           S-WP4-200-4         55,0/62,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-4         65,0/78,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-6         18,5/22,0         970/1000         566         666         663         376         100         DN200           S-WP4-200-6         30,0/36,0         970/1000         616         716         653         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-250-4         18,5/21,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         30,0/33,5         1460/1700         513         618         550         235         100         DN250									
S-WP4-200-4         45,0/52,0         1460/1700         626         726         663         76         100         DN200           S-WP4-200-4         55,0/62,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-4         65,0/78,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-6         18,5/22,0         970/1000         566         666         603         76         100         DN200           S-WP4-200-6         30,0/36,0         970/1000         616         716         653         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-250-4         18,5/21,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         22,0/25,3         1460/1700         513         618         550         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         533         638         63         62         235         100 <td></td> <td>30,0/33,5</td> <td>1460/1700</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>DN200</td>		30,0/33,5	1460/1700						DN200
S-WP4-200-4         55,0/G2,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-4         65,0/78,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-6         18,5/22,0         970/1000         566         666         666         603         76         100         DN200           S-WP4-200-6         30,0/36,0         970/1000         566         666         663         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-250-4         18,5/21,3         1460/1700         513         618         550         235         100         DN250           S-WP4-250-4         32,0/25,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         583         683         683         620         235 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
S-WP4-200-4         65,078,0         1460/1700         638         738         675         76         100         DN200           S-WP4-200-6         18,5722,0         970/1000         533         638         570         76         100         DN200           S-WP4-200-6         22,0/26,0         970/1000         566         666         603         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-250-4         18,5/21,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         18,5/21,3         1460/1700         513         618         550         235         100         DN250           S-WP4-250-4         30,0/33,5         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         583         638         620         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         574         978         974         235         100         DN2									
S-WP4-200-6         22,0/26,0         970/1000         566         666         603         76         100         DN200           S-WP4-200-6         30,0/36,0         970/1000         616         716         653         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-250-4         18,5/21,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         30,0/33,5         1460/1700         513         618         550         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         583         683         670         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         583         683         620         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/72,0         970/1000         533         638         570         235         100         DN									
S-WP4-200-6         30,0/36,0         970/1000         616         716         653         76         100         DN200           S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-250-4         18,5/21,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         22,0/25,3         1460/1700         513         618         550         235         100         DN250           S-WP4-250-4         30,0/33,5         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         583         683         620         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         626         726         663         235         100         DN250           S-WP4-250-4         55,0/62,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         566         666         603         235         100									
S-WP4-200-6         37,0/44,5         970/1000         625         725         662         76         100         DN200           S-WP4-250-4         18,5/21,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         22,0/25,3         1460/1700         513         618         550         235         100         DN250           S-WP4-250-4         30,0/33,5         1460/1700         583         683         620         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         626         726         663         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-4         65,0/78,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         533         638         570         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         566         666         603         235         100 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>									
S-WP4-250-4         18,5/21,3         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         22,0/25,3         1460/1700         513         618         550         235         100         DN250           S-WP4-250-4         30,0/33,5         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         583         683         620         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         666         726         663         235         100         DN250           S-WP4-250-4         55,0/62,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-4         65,0/78,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         533         638         570         235         100         DN250           S-WP4-250-6         22,0/26,0         970/1000         566         666         666         603         235         <									
S-WP4-250-4         30,0/33,5         1460/1700         533         638         570         235         100         DN250           S-WP4-250-4         37,0/42,5         1460/1700         583         683         620         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         626         726         663         235         100         DN250           S-WP4-250-4         55,0/62,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-4         65,0/78,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         533         638         570         235         100         DN250           S-WP4-250-6         22,0/26,0         970/1000         566         666         603         235         100         DN250           S-WP4-250-6         30,0/36,0         970/1000         616         716         653         235         100         DN250           S-WP4-250-6         37,0/44,5         970/1000         625         725         662         235         100 <td< td=""><td>S-WP4-250-4</td><td>18,5/21,3</td><td>1460/1700</td><td>533</td><td>638</td><td>570</td><td>235</td><td>100</td><td>DN250</td></td<>	S-WP4-250-4	18,5/21,3	1460/1700	533	638	570	235	100	DN250
S-WP4-250-4         37,0/42,5         1460/1700         583         683         620         235         100         DN250           S-WP4-250-4         45,0/42,0         1460/1700         626         726         663         235         100         DN250           S-WP4-250-4         55,0/62,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-4         65,0/78,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         533         638         570         235         100         DN250           S-WP4-250-6         22,0/26,0         970/1000         566         666         603         235         100         DN250           S-WP4-250-6         30,0/36,0         970/1000         616         716         653         235         100         DN250           S-WP4-250-6         37,0/44,5         970/1000         625         725         662         235         100         DN250           S-WP4-300-6         18,5/22,0         970/1000         700         763         784         235         100									
S-WP4-250-4         45,0/42,0         1460/1700         626         726         663         235         100         DN250           S-WP4-250-4         55,0/62,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         65,0/78,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         533         638         570         235         100         DN250           S-WP4-250-6         22,0/26,0         970/1000         566         666         603         235         100         DN250           S-WP4-250-6         30,0/36,0         970/1000         616         716         653         235         100         DN250           S-WP4-250-6         37,0/44,5         970/1000         625         725         662         235         100         DN250           S-WP4-300-6         18,5/22,0         970/1000         700         763         784         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         733         791         817         235         100         D									
S-WP4-250-4         55,0/62,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-4         65,0/78,0         1460/1700         974         978         974         235         100         DN250           S-WP4-250-6         18,5/22,0         970/1000         533         638         570         235         100         DN250           S-WP4-250-6         22,0/26,0         970/1000         566         666         663         235         100         DN250           S-WP4-250-6         30,0/36,0         970/1000         625         725         662         235         100         DN250           S-WP4-300-6         18,5/22,0         970/1000         625         725         662         235         100         DN300           S-WP4-300-6         18,5/22,0         970/1000         700         763         784         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         733         791         817         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         783         841         867         235         100         DN									
S-WP4-250-6         18,5/22,0         970/1000         533         638         570         235         100         DN250           S-WP4-250-6         22,0/26,0         970/1000         566         666         603         235         100         DN250           S-WP4-250-6         30,0/36,0         970/1000         616         716         653         235         100         DN250           S-WP4-250-6         37,0/44,5         970/1000         625         725         662         235         100         DN250           S-WP4-300-6         18,5/22,0         970/1000         700         763         784         235         100         DN300           S-WP4-300-6         22,0/26,0         970/1000         733         791         817         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         783         841         867         235         100         DN300           S-WP4-300-6         45,0/54,0         970/1000         1200         1210         1200         235         100         DN300           S-WP4-300-6         45,0/54,0         970/1000         1200         1210         1210         1200         235         <	S-WP4-250-4	55,0/62,0	1460/1700	974	978	974	235	100	DN250
S-WP4-250-6         22,0/26,0         970/1000         566         666         603         235         100         DN250           S-WP4-250-6         30,0/36,0         970/1000         616         716         653         235         100         DN250           S-WP4-250-6         37,0/44,5         970/1000         625         725         662         235         100         DN250           S-WP4-300-6         18,5/22,0         970/1000         700         763         784         235         100         DN300           S-WP4-300-6         22,0/26,0         970/1000         733         791         817         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         783         841         867         235         100         DN300           S-WP4-300-6         37,0/44,5         970/1000         782         850         876         235         100         DN300           S-WP4-300-6         45,0/54,0         970/1000         1200         1210         1200         235         100         DN300									
S-WP4-250-6         30,0/36,0         970/1000         616         716         653         235         100         DN250           S-WP4-250-6         37,0/44,5         970/1000         625         725         662         235         100         DN250           S-WP4-300-6         18,5/22,0         970/1000         700         763         784         235         100         DN300           S-WP4-300-6         22,0/26,0         970/1000         733         791         817         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         783         841         867         235         100         DN300           S-WP4-300-6         37,0/44,5         970/1000         792         850         876         235         100         DN300           S-WP4-300-6         45,0/54,0         970/1000         1200         1210         1200         235         100         DN300									
S-WP4-250-6         37,0/44,5         970/1000         625         725         662         235         100         DN250           S-WP4-300-6         18,5/22,0         970/1000         700         763         784         235         100         DN300           S-WP4-300-6         22,0/26,0         970/1000         733         791         817         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         783         841         867         235         100         DN300           S-WP4-300-6         37,0/44,5         970/1000         792         850         876         235         100         DN300           S-WP4-300-6         45,0/54,0         970/1000         1200         1210         1200         235         100         DN300									
S-WP4-300-6         22,0/26,0         970/1000         733         791         817         235         100         DN300           S-WP4-300-6         30,0/36,0         970/1000         783         841         867         235         100         DN300           S-WP4-300-6         37,0/44,5         970/1000         792         850         876         235         100         DN300           S-WP4-300-6         45,0/54,0         970/1000         1200         1210         1200         235         100         DN300	S-WP4-250-6	37,0/44,5	970/1000	625	725	662	235	100	DN250
S-WP4-300-6         30,0/36,0         970/1000         783         841         867         235         100         DN300           S-WP4-300-6         37,0/44,5         970/1000         792         850         876         235         100         DN300           S-WP4-300-6         45,0/54,0         970/1000         1200         1210         1200         235         100         DN300									
S-WP4-300-6 37,0/44,5 970/1000 792 850 876 235 100 DN300 S-WP4-300-6 45,0/54,0 970/1000 1200 1210 1200 235 100 DN300									
S-WP4-300-6 45,0/54,0 970/1000 1200 1210 1200 235 100 DN300									
S-WP4-300-8 18,0/22,0 730/900 710 774 794 235 100 DN300	S-WP4-300-6	45,0/54,0	970/1000	1200	1210	1200	235	100	DN300
	S-WP4-300-8	18,0/22,0	730/900	710	774	794	235	100	DN300



#### About DanPumps A/S

DanPumps has been dedicated to providing pumping solutions to utility companies and industries since 2013. In November 2023, DanPumps once again became an independent company, concluding a successful period under SonFlow's guidance. Today, our unwavering commitment is directed towards the development and manufacturing of quality pumps.

### Wide Range of Pumps

The range of pumps at DanPumps A/S is continually evolving, and our ability to deliver customized solutions makes us one of the most flexible and competitive suppliers in the market.

Our pump range is the result of high efficiency, intelligent design, and practical features. These qualities are combined to create user-friendly pumps with a long lifespan. We provide pumps for a wide range of applications, including wastewater, marine, industrial, and sanitary purposes.



