

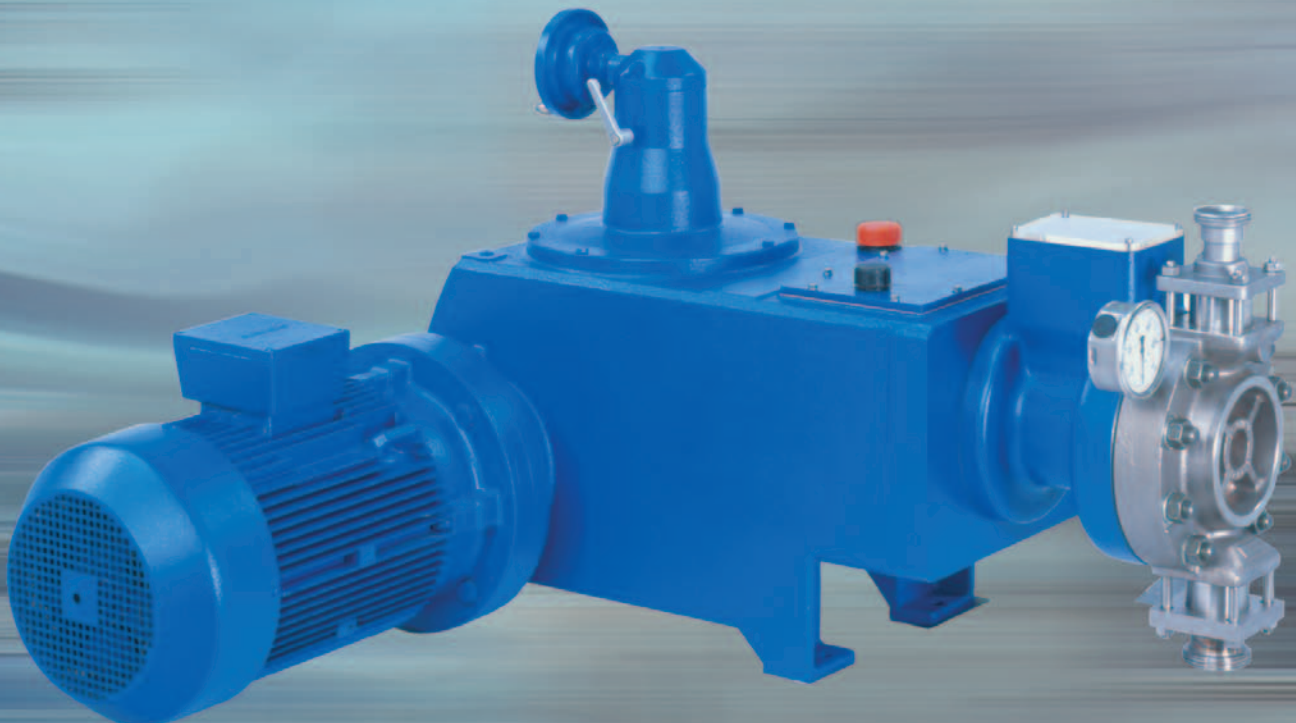
- Flow rates up to 5,916 gph
- Pressure up to 15,000 psi

Options

- Diaphragm pumpheads with hydraulically actuated double diaphragm and patented diaphragm position control system (PDPC)
- Plunger pumpheads

Combinable with all gear sizes of
Bran+Luebbe's horizontal NOVADOS range

NOVADOS H5 Metering Pumps



Packaging - Processing

Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com

General Specifications

Materials of construction of liquid-wetted parts

- Housing of stainless steel, 316 or duplex, alternatively, PVC or PP.
- Diaphragms of PTFE or stainless steel 1.4310.
- Plungers of stainless steel, ceramic or tungsten carbide.
- Options: Materials such as Super Duplex, Hastelloy, Titanium, Halar® coating or PVDF, and others available.

Pump Gear Design

- Worm gear with eight different reduction ratios.
- Integral housing utilizing modern seal technology.
- Splash lubricated gear components.
- Large oil sump.
- No external oil pump.
- Suitable for variable speed.

Stroke Length Adjustment

- Eccentric (Z-shape) variable crankshaft.

Flow Rate Control

- Manually, electrically, or pneumatically during operation and standstill.

Driver

- 2- or 4-pole electric motor with fixed or variable speed.

Weight, according to equipment (without motor) approx. 900 - 1,200 lbs.

Applicable Standards

- VDMA 24284 and 24286-10.
- API 675 2nd edition.
- 98/37/EC (Machinery Directive).

Flow Rate and Pressure for Single Pump

Pumphead Type	Diaphragm		Plunger		
	Material of displacement body	PTFE	St. Steel	TC, Ceramic or St. Steel	
Housing Material	St. Steel / Plastic	St. Steel	St. Steel	St. Steel or Plastic	
Flow rate at 198 spm	Plunger Size	Max. Operating Pressure		Nozzle Size	
gph	ø mm	psig			
0... 21.2	12	-	-	7,250	1/2"
0... 37.8	16	-	15,000	7,250	1/2"
0... 59.1	20	-	7,250	7,250	1/2"
0... 92.4	25	5,800	-	5,903	1/2"
0... 133	30	4,105	-	4,105	1/2"
0... 191	36	2,842	-	2,842	1/2"
0... 260	42	2,088	-	2,088	1/2"
0... 370	50	1,480	-	1,480	1"
0... 464	56	1,175	-	1,175	1"
0... 568	62	957	-	957	1 or 1-1/2"
0... 683	68	798	-	798	1 or 1-1/2"
0... 831	75	652	-	652	1 or 1-1/2"
0... 994	82	551	-	551	1-1/2"
0... 1,198	90	450	-	450	1-1/2"
0... 1,478	100	363	-	363	1-1/2"
0... 1,790	110	305	-	305	1-1/2"
0... 2,311	125	232	-	232	2"
0... 3,327	150	-	-	160	2-1/2"
0... 4,530	175	-	-	116	3"
0... 5,916	200	-	-	87	3"

1) Max. operating pressure of actual pumps may deviate from figures stated. Pumps with housing material of plastic are generally limited to max. 150 psig operating pressure.

- Flow rates at 100% volumetric efficiency. Please allow for transmission losses.
- Metering accuracy: as good as ±0.5% of flow rate set point.
- Selectable stroking speeds: 60, 76, 86, 102, 120, 153, 198, 240 spm (min⁻¹).

For more information about our worldwide locations, approvals, certifications, and local representatives, please visit our web site.

Web Site: www.spxprocessequipment.com • E-Mail: bl@processequipment.spx.com



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SPX Process Equipment 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. Certified drawings are available upon request.

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