

NOVADOS H6

Metering Pumps

Flow rates up to 8434 l/h

Pressure up to 1000 bar

Versatility

These units can be combined to multiplex pumps for process or recipe metering with all gear sizes of Bran+Luebbe's horizontal NOVADOS range H1, H2, H3, H4, H5, H6, B and BS

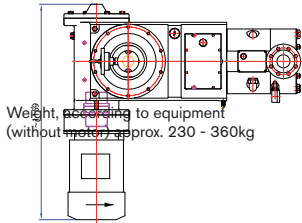
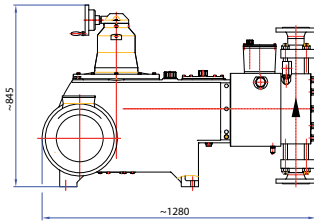


motralec

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SPX®



Weight, according to equipment
(without motor) approx. 230 - 360kg

Materials of construction of liquid-wetted parts

- Housings of St. Steel 1.4571, 1.4581 or 1.4462, alternatively, PVC or PP
- Diaphragms of PTFE or stainless steel 1.4310
- Plungers of stainless steel or ceramic
- Options: materials such as Super Duplex, Hastelloy, Titanium, Halar® coating or PVDF and other materials

Pump gear design

- Worm gear with different reduction ratios
- Integral housing utilizing modern seal technology
- Splash lubrication without oil pump
- Large oil sump
- Suitable for variable speed

Stroke length adjustment

- Eccentric (Z-shape) crankshaft

Flow rate control

- Manually, electrically, or pneumatically during operation and standstill, or speed variation

Driver

- 4- or 6-pole electric motor with fixed or variable speed

Installation and Operating Conditions*

- **Hazardous area:** up to Zone 1 IIC T4 (Zone 22 upon request)
- **Ambient temperature range:** from -40°C up to +55°C (special solutions upon request)
- **Fluid temperature range:** from -40°C up to +150°C (special solutions upon request)

* These are limit values, please state actual conditions with inquiry.

Flow rate table (for single module)¹⁾

Pump head type	Diaphragm		Plunger	
Material of displacement body	PTFE	St. Steel	Ceramic or St. Steel	
Housing material	St.Steel/Plastic	St. Steel	St. Steel or Plastic	
Flow rate at 191 min ⁻¹	max. operating pressure ²⁾			
	l/h	bar	bar	bar
0...	215	-	1000	-
0...	423	-	500	-
0...	553	400	-	-
0...	864	250	-	-
0...	1093	200	-	-
0...	1349	160	-	-
0...	1693	130	-	-
0...	2142	100	-	-
0...	2645	80	-	-
0...	3455	63	-	-
0...	5398	40	-	-
0...	8434	25	-	-

We reserve the right for technical changes without notice.

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