

## P600

Doseringspump

P600MSETTB07C  
 PUMP WITH GEARBOX AND BASEPLATE



HYDRA-CELL<sup>®</sup>  
 SEAL-LESS PUMP TECHNOLOGIES

- Flöde 15 - 3300 l/h
- Tryck max. 70 bar
- Plast eller metallutförande
- Tätningslös och klarar torrkörning



### Produktinformation

Wanner HydraCell är en serie mycket robusta membranpumpar speciellt lämpade för dosering även vid höga tryck och svåra pumpmedier, som också kan vara slitande.

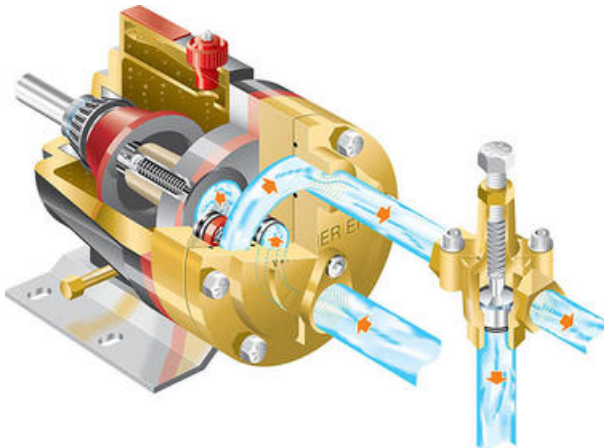
Pumparna har ingen genomgående axel med tätningar och mediet kommer aldrig i kontakt med mekanismen.

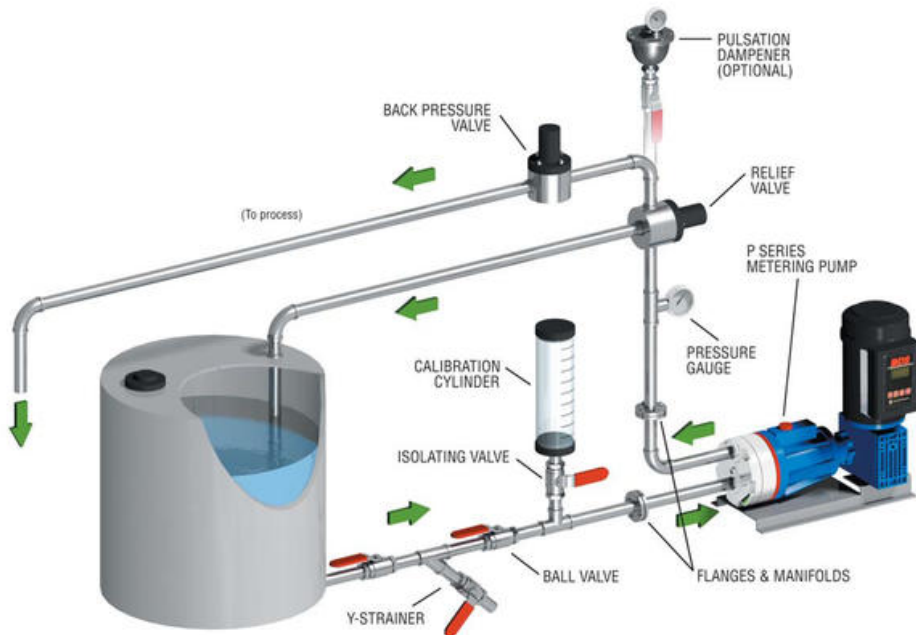
Membranen är avlastade med jämnt tryck över hela ytan, vilket ger dem mycket lång livslängd.

HydraCell-pumparna som arbetar enligt förträngningsprincipen, är självsugande, energisnåla och torrkörningssäkra.

Hydra-Cell pumparna möter de flesta och överträffar flara av kraven i standarden för doseringspumpar API 675.

De finns i många olika materialkombinationer och går även att få i ATEX-utförande för explosionsfarlig miljö.





Exempel på installation

Pumphus	Mässing, Gjutjärn, 316L, Hastelloy C, Polypropylen, Kynar
Membran O-ringar	Aflas, EPDM, FKM, PTFE, Neoprene, Buna-N
Ventilsäten	Nitronic 50, Hastelloy C, Keramik
Ventiler	Nitronic 50, Hastelloy C, Keramik
Fjäder	Elgiloy, Hastelloy C
Fjäderhållare	Polypropylen, PVDF, Hastelloy C
Flöde	115 - 3300 l/h
Tryck metallutförande	Max. 70 bar
Tryck plastutförande	Polypropylen Max. 17 bar, Kynar Max. 24 bar
Inloppstryck	Max. 17 bar
Temperatur*	Max. +120 °C (Beroende på materialval m.m.)*
Partikelstorlek	Max. 0,8 mm
Viskositet**	Max. 4000 cP (Beroende på installation och varvtal)**
ATEX***	EEx II 2G k ia IIB T4 (max. mediatemp. 90 °C, omgivningstemp - 10 till 40 °C) EEx II 3G k IIC T4 (max. mediatemp. 90 °C, omgivningstemp - 10 till 40 °C)
Kel-Cell	Nej
Anslutningar (In/Ut)	1/2" BSPT / 3/8" BSPT (NPT eller flänsar på förfrågan)
Rotationsriktning	Valfri
Oljevolym hydrauldel	ca. 3,1 l (Oljenivån skall vara ca. 1 - 2 cm under helt fylld hydrauldel)
Vikt metallutförande	64 kg
Vikt plastutförande	48 kg

\* För applikationer där temperaturen går under +10 eller över +80°C kontakta oss.

\*\* Vid viskositeter över 500 cP kontakta oss.

\*\*\* För applikationer i explosionsfarlig miljö kontakta oss.

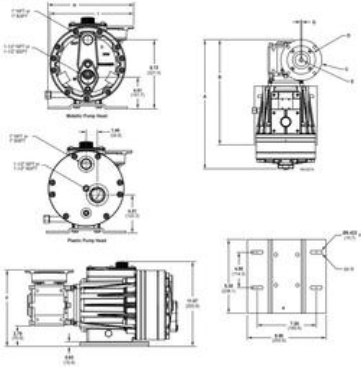
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## Teknisk data

<b>Flöde max</b>	1120 l/h
<b>Tryck max</b>	69 bar
<b>Systemtryck max</b>	17 bar
<b>Anslutning inlopp</b>	1 1/2" BSPT
<b>Anslutning utlopp</b>	1" BSPT
<b>Material Bottenplatta</b>	Epoxlackerat stål
<b>Material Fjäderhållare</b>	Hastelloy C
<b>Material Membran</b>	EPDM
<b>Material Pumphus</b>	SS 316L
<b>Material Ventiler</b>	Hastelloy C
<b>Material Ventilfjädrar</b>	Hastelloy C
<b>Material Ventilsåten</b>	Hastelloy C
<b>Axeldimension</b>	Hålaxel 19 mm
<b>Rotation</b>	Valfri
<b>Utväxling</b>	7,5:1 - IEC 80-B5
<b>Temperaturområde till</b>	120 °C
<b>Viskositet max</b>	4000 cP
<b>Olja</b>	Livsmedelsolja H1 (K)
<b>Oljevolym Hydrauldel</b>	3,1 l
<b>Partikelstorlek</b>	Max. 0,8mm mm
<b>Vikt</b>	66 kg

P600 Dimensions

P600 Models - F63

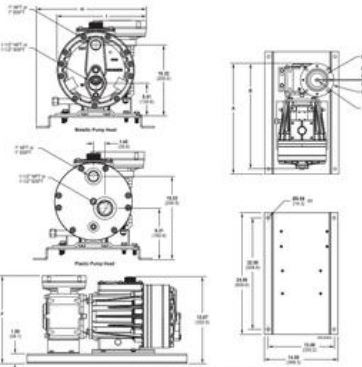


Dimensions in Inches (Millimeters)

Table with 11 columns (A-I) and 18 rows listing dimensions for various P600 models in inches and millimeters.

P600 Dimensions (Cont'd)

P600 Models - F75

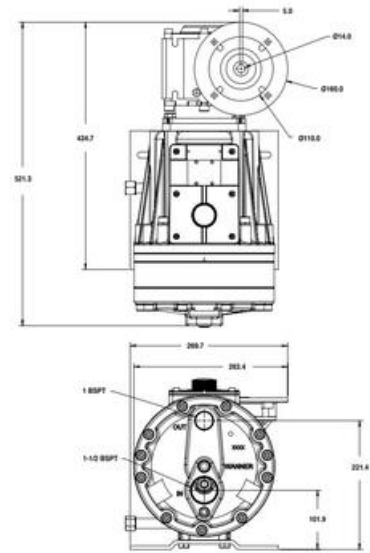


Dimensions in Inches (Millimeters)

Table with 11 columns (A-I) and 18 rows listing dimensions for various P600 models in inches and millimeters.

Representative Drawings (mm)

Metallic Pump Heads



Performance - Flow Capacities and Pressure Ratings

For Synchronous Speed, Self-cooled Motors

L/Hr Maximum Flow at Designated Pressure

Performance table for synchronous speed pumps with columns for L/Hr All Pumps, L/Hr Metallic Pump Heads, Pump RPM, Gear Ratio, and Motor RPM.

- Notes regarding ambient conditions, diaphragm materials, and performance specifications.

For 10:1 Turndown, Self-cooled Motors

L/Hr Maximum Flow at Designated Pressure

Performance table for 10:1 turndown pumps with columns for L/Hr All Pumps, L/Hr Metallic Pump Heads, Pump RPM, Gear Ratio, and Motor RPM.

- Notes regarding ambient conditions, diaphragm materials, and performance specifications.

P600 Specifications (Cont'd)

Performance Maximum Flow at Designated Pressure - Imperial\*

Performance table for imperial units with columns for All Pump Heads (12 Bar, 24 Bar, 36 Bar), Pump RPM, Gear Ratio, and Motor RPM.

\*Capacity data shown is for pumps with elastomeric diaphragms. Consult factory for performance characteristics of pumps with PTFE diaphragms.

Performance Maximum Flow at Designated Pressure - Metric\*

Performance table for metric units with columns for All Pump Heads (12 Bar, 24 Bar, 36 Bar), Pump RPM, Gear Ratio, and Motor RPM.

\*Capacity data shown is for pumps with elastomeric diaphragms. Consult factory for performance characteristics of pumps with PTFE diaphragms.

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