

P600

Doseringspump

P600MSETTB07C PUMP WITH GEARBOX AND BASEPLATE



- 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.

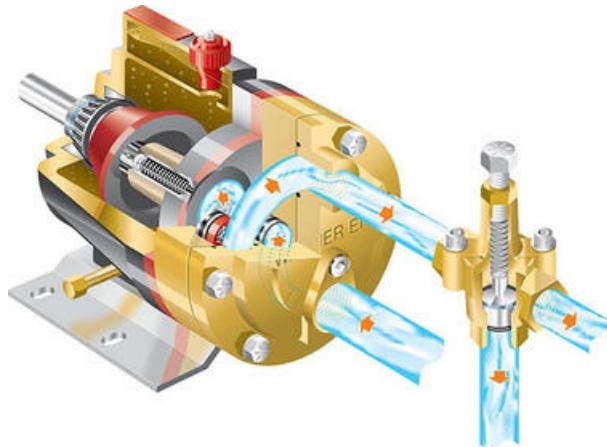
Pumparna har ingen genomgående axel med tätningar och mediet kommer aldrig i kontakt med mekanismen.

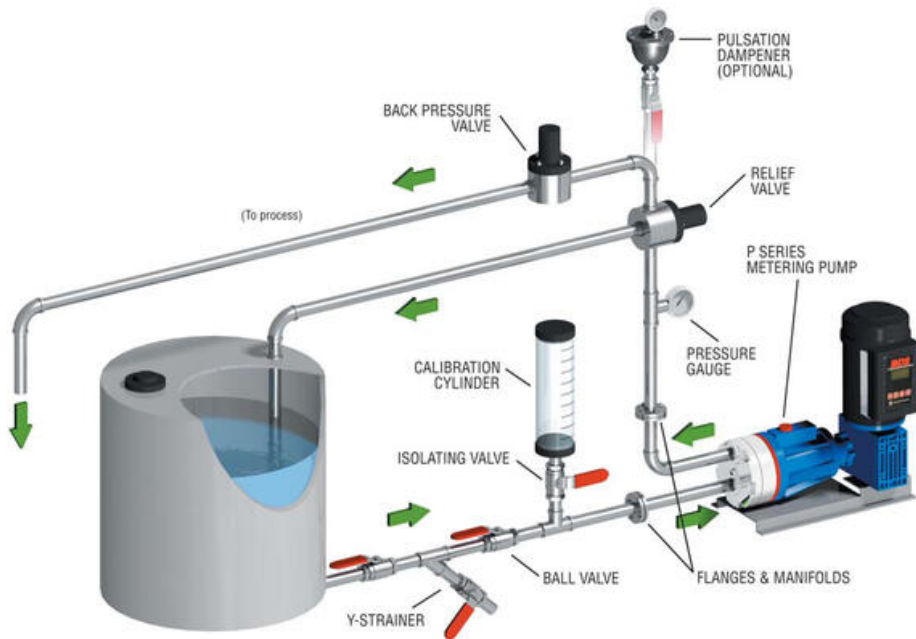
Membranen är avlastade med jämnt tryck över hela ytan, vilket ger dem mycket lång livslängd.

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

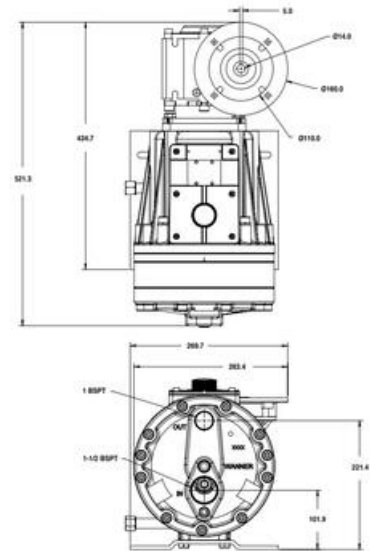
* För applikationer där temperaturen går under +10 eller över +80°C kontakta oss.

** Vid viskositeter över 500 cP kontakta oss.

Input Frame Size	A	B	C	D	E	F	G (Output Size)	H	I
	16x16	32x32	64x64	128x128	256x256	512x512	1024x1024	2048x2048	4096x4096
HEMMA	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 16x16x16	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 32x32x32	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 64x64x64	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 128x128x128	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 256x256x256	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 512x512x512	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 1024x1024x1024	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 2048x2048x2048	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 4096x4096x4096	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 8192x8192x8192	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 16384x16384x16384	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 32768x32768x32768	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 65536x65536x65536	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 131072x131072x131072	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 262144x262144x262144	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 524288x524288x524288	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 1048576x1048576x1048576	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 2097152x2097152x2097152	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (9872.75)
HEMMA 4194304x4194304x4194304	21.75 (20.25)	46.75 (44.25)	101.75 (97.75)	216.75 (209.75)	469.75 (454.75)	1020.75 (985.75)	2175.75 (2105.75)	4740.75 (4565.75)	10247.75 (98

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

L/hr All Pumps 2 Bar	L/hr All Pumps 12 Bar	L/hr Metallic Pump Heads Only 1/2 Bar	Pump Ratio	Gear Ratio	Motor BPM
115.1	115.1	115.1	1	25	600
158.5	158.5	158.5	1	30	600
173.5	173.5	173.5	1	37.5	600
232.0	232.0	232.0	1	50	600
278.9	278.9	278.9	1	75	600
345.2	345.2	345.2	1	100	600
405.3	405.3	405.3	1	150	600
465.3	465.3	465.3	1	200	600
525.3	525.3	525.3	1	300	600
585.3	585.3	585.3	1	400	600
645.3	645.3	645.3	1	500	600
705.3	705.3	705.3	1	600	600
765.3	765.3	765.3	1	750	600
825.3	825.3	825.3	1	900	600
885.3	885.3	885.3	1	1050	600
945.3	945.3	945.3	1	1200	600
1005.3	1005.3	1005.3	1	1350	600
1065.3	1065.3	1065.3	1	1500	600
1125.3	1125.3	1125.3	1	1650	600
1185.3	1185.3	1185.3	1	1800	600
1245.3	1245.3	1245.3	1	1950	600
1305.3	1305.3	1305.3	1	2100	600
1365.3	1365.3	1365.3	1	2250	600
1425.3	1425.3	1425.3	1	2400	600
1485.3	1485.3	1485.3	1	2550	600
1545.3	1545.3	1545.3	1	2700	600
1605.3	1605.3	1605.3	1	2850	600
1665.3	1665.3	1665.3	1	3000	600
1725.3	1725.3	1725.3	1	3150	600
1785.3	1785.3	1785.3	1	3300	600
1845.3	1845.3	1845.3	1	3450	600
1905.3	1905.3	1905.3	1	3600	600
1965.3	1965.3	1965.3	1	3750	600
2025.3	2025.3	2025.3	1	3900	600
2085.3	2085.3	2085.3	1	4050	600
2145.3	2145.3	2145.3	1	4200	600
2205.3	2205.3	2205.3	1	4350	600
2265.3	2265.3	2265.3	1	4500	600
2325.3	2325.3	2325.3	1	4650	600
2385.3	2385.3	2385.3	1	4800	600
2445.3	2445.3	2445.3	1	4950	600
2505.3	2505.3	2505.3	1	5100	600
2565.3	2565.3	2565.3	1	5250	600
2625.3	2625.3	2625.3	1	5400	600
2685.3	2685.3	2685.3	1	5550	600
2745.3	2745.3	2745.3	1	5700	600
2805.3	2805.3	2805.3	1	5850	600
2865.3	2865.3	2865.3	1	6000	600
2925.3	2925.3	2925.3	1	6150	600
2985.3	2985.3	2985.3	1	6300	600
3045.3	3045.3	3045.3	1	6450	600
3105.3	3105.3	3105.3	1	6600	600
3165.3	3165.3	3165.3	1	6750	600
3225.3	3225.3	3225.3	1	6900	600
3285.3	3285.3	3285.3	1	7050	600
3345.3	3345.3	3345.3	1	7200	600
3405.3	3405.3	3405.3	1	7350	600
3465.3	3465.3	3465.3	1	7500	600
3525.3	3525.3	3525.3	1	7650	600
3585.3	3585.3	3585.3	1	7800	600
3645.3	3645.3	3645.3	1	7950	600
3705.3	3705.3	3705.3	1	8100	600
3765.3	3765.3	3765.3	1	8250	600
3825.3	3825.3	3825.3	1	8400	600
3885.3	3885.3	3885.3	1	8550	600
3945.3	3945.3	3945.3	1	8700	600
4005.3	4005.3	4005.3	1	8850	600
4065.3	4065.3	4065.3	1	9000	600
4125.3	4125.3	4125.3	1	9150	600
4185.3	4185.3	4185.3	1	9300	600
4245.3	4245.3	4245.3	1	9450	600
4305.3	4305.3	4305.3	1	9600	600
4365.3	4365.3	4365.3	1	9750	600
4425.3	4425.3	4425.3	1	9900	600
4485.3	4485.3	4485.3	1	10050	600
4545.3	4545.3	4545.3	1	10200	600
4605.3	4605.3	4605.3	1	10350	600
4665.3	4665.3	4665.3	1	10500	600
4725.3	4725.3	4725.3	1	10650	600
4785.3	4785.3	4785.3	1	10800	600
4845.3	4845.3	4845.3	1	10950	600
4905.3	4905.3	4905.3	1	11100	600
4965.3	4965.3	4965.3	1	11250	600
5025.3	5025.3	5025.3	1	11400	600
5085.3	5085.3	5085.3	1	11550	600
5145.3	5145.3	5145.3	1	11700	600
5205.3	5205.3	5205.3	1	11850	600
5265.3	5265.3	5265.3	1	12000	600
5325.3	5325.3	5325.3	1	12150	600
5385.3	5385.3	5385.3	1	12300	600
5445.3	5445.3	5445.3	1	12450	600
5505.3	5505.3	5505.3	1	12600	600
5565.3	5565.3	5565.3	1	12750	600
5625.3	5625.3	5625.3	1	12900	600
5685.3	5685.3	5685.3	1	13050	600
5745.3	5745.3	5745.3	1	13200	600
5805.3	5805.3	5805.3	1	13350	600
5865.3	5865.3	5865.3	1	13500	600
5925.3	5925.3	5925.3	1	13650	600
5985.3	5985.3	5985.3	1	13800	600
6045.3	6045.3	6045.3	1	13950	600
6105.3	6105.3	6105.3	1	14100	600
6165.3	6165.3	6165.3	1	14250	600
6225.3	6225.3	6225.3	1	14400	600
6285.3	6285.3	6285.3	1	14550	600
6345.3	6345.3	6345.3	1	14700	600
6405.3	6405.3	6405.3	1	14850	600
6465.3	6465.3	6465.3	1	15000	600
6525.3	6525.3	6525.3	1	15150	600
6585.3	6585.3	6585.3	1	15300	600
6645.3	6645.3	6645.3	1	15450	600
6705.3	6705.3	6705.3	1	15600	600
6765.3	6765.3	6765.3	1	15750	600
6825.3	6825.3	6825.3	1	15900	600
6885.3	6885.3	6885.3	1	16050	600
6945.3	6945.3	6945.3	1	16200	600
7005.3	7005.3	7005.3	1	16350	600
7065.3	7065.3	7065.3	1	16500	600
7125.3	7125.3	7125.3	1	16650	600
7185.3	7185.3	7185.3	1	16800	600
7245.3	7245.3	7245.3	1	16950	600
7305.3	7305.3	7305.3	1	17100	600
7365.3	7365.3	7365.3	1	17250	600
7425.3	7425.3	7425.3	1	17400	600
7485.3	7485.3	7485.3	1	17550	600
7545.3	7545.3	7545.3	1	17700	600
7605.3	7605.3	7605.3	1	17850	600
7665.3	7665.3	7665.3	1	18000	600
7725.3	7725.3	7725.3	1	18150	600
7785.3	7785.3	7785.3	1	18300	600
7845.3	7845.3	7845.3	1	18450	600
7905.3	7905.3	7905.3	1	18600	600
7965.3	7965.3	7965.3	1	18750	600
8025.3	8025.3	8025.3	1	18900	600
8085.3	8085.3	8085.3	1	19050	600
8145.3	8145.3	8145.3	1	19200	600
8205.3	8205.3	8205.3	1	19350	600
8265.3	8265.3	8265.3	1	19500	600
8325.3	8325.3	8325.3	1	19650	600
8385.3	8385.3	8385.3	1	19800	600
8445.3	8445.3	8445.3	1	19950	600
8505.3	8505.3	8505.3	1	20100	600
8565.3	8565.3	8565.3	1	20250	600
8625.3	8625.3	8625.3	1	20400	600
8685.3	8685.3	8685.3	1	20550	600
8745.3	8745.3	8745.3	1	20700	600
8805.3	8805.3	8805.3	1	20850	600
8865.3	8865.3	8865.3	1	21000	600
8925.3	8925.3	8925.3	1	21150	600
8985.3	8985.3	8985.3	1	21300	600
9045.3	9045.3	9045.3	1	21450	600
9105.3	9105.3	9105.3	1	21600	600
9165.3	9165.3	9165.3	1	21750	600
9225.3	9225.3	9225.3	1	21900	600
9285.3	9285.3	9285.3	1	22050	600
9345.3	9345.3	9345.3	1	22200	600
9405.3	9405.3	9405.3	1	22350	600
9465.3	9465.3	9465.3	1	22500	600
9525.3	9525.3	9525.3	1	22650	600
9585.3	9585.3	9585.3	1	22800	600
9645.3	9645.3	9645.3	1	22950	600
9705.3	9705.3	9705.3	1	23100	600
9765.3	9765.3	9765.3	1	23250	600
9825.3	9825.3	9825.3	1	23400	600
9885.3	9885.3	9885.3	1	23550	600
9945.3	9945.3	9945.3	1	23700	600
10005.3	10005.3	10005.3	1	23850	600
10065.3	10065.3	10065.3	1	24000	600
10125.3	10125.3	10125.3	1	24150	600
10185.3	10185.3	10185.3	1	24300	600
10245.3	10245.3	10245.3	1	24450	600
10305.3	10305.3	10305.3	1	24600	600
10365.3	10365.3	10365.3	1	24750	600
10425.3	10425.3	10425.3	1	24900	600
10485.3	10485.3	10485.3	1	25050	600
10545.3	10545.3	10545.3	1	25200	600
10605.3	10605.3	10605.3	1	25350	600
10665.3	10665.3	10665.3	1	25500	600
10725.3	10725.3	10725.3	1	25650	600
10785.3	10785.3	10785.3	1	25800	600
10845.3	10845.3	10845.3	1	25950	600
10905.3	10905.3	10905.3	1	26100	600
10965.3	10965.3	10965.3	1	26250	600
11025.3	11025.3	11025.3	1	26400	600
11085.3	11085.3	11085.3	1	26550	600
11145.3	11145.3	11145.3	1	26700	600
11205.3	11205.3	11205.3	1	26850	600
11265.3	11265.3	11265.3	1	27000	600
11325.3	11325.3	11325.3	1	27150	600
11385.3	11385.3	11385.3	1	27300	600
11445.3	11445.3	11445.3	1	27450	6

P600 Specifications (Cont'd)

Performance Maximum Flow at Designated Pressure - Imperial *

Air Pump Heads (gpm)		Metabolic Pump Heads (gpm)		Pump	Gear	Motor
1500 psi	250 psi	500 psi	1000 psi	gpm	Ratio	rpm
34.4 (12.9)	24.1 (9.0)	20.7 (7.7)	15.1 (5.7)	50	60:1	
43.0 (16.2)	31.4 (11.9)	40.4 (15.3)	40.0 (15.2)	58	60:1	
103.0 (39.2)	74.5 (28.2)	101.9 (38.7)	81.1 (30.7)	48	40:1	
73.00 (28)	52.37 (20)	71.08 (27)	68.50 (26)	60	30:1	
89.1 (33.6)	63.7 (23.9)	80.13 (30.5)	80.0 (30.3)	71	20:1	
113.3 (43.0)	108.8 (40.9)	107.8 (40.5)	103.4 (39.0)	86	20:1	
142.0 (53.8)	140.7 (53.1)	140.3 (53.0)	139.1 (52.9)	110	10:1	
202.7 (77.1)	200.4 (76.0)	200.3 (76.0)	200.0 (76.0)	160	10:1	
258.4 (98.2)	256.4 (97.8)	256.4 (97.8)	256.4 (97.8)	160	10:1	
444.8 (169)	441.8 (165)	440.2 (165)	437.7 (163)	200	7.5:1	
585.0 (221)	581.0 (218)	580.7 (218)	580.0 (218)	300	5:1	
980.0 (369)	974.0 (362)	973.0 (362)	967.0 (359)	400	5:1	

*Capacity data shown is for pumps with elastomeric diaphragms. Consult factory for performance characteristics of pumps with PTFE diaphragms.
†† Required Motor (hp)

Performance Maximum Flow at Designated Pressure - Metric *

Air Pump Heads (gpm)		Metabolic Pump Heads (gpm)		Pump	Gear	Motor
1500 psi	250 psi	500 psi	1000 psi	gpm	Ratio	rpm
115.1 (43.0)	81.9 (31.2)	111.7 (42.0)	104.0 (39.5)	25	60:1	
148.9 (56.7)	107.2 (40.7)	146.0 (55.0)	117.0 (44.3)	50	50:1	
175.8 (66.7)	125.2 (47.5)	166.4 (62.5)	161.4 (60.9)	57.3	40:1	
210.0 (79.7)	150.8 (57.1)	200.0 (75.0)	174.6 (65.7)	70	30:1	
274.8 (104.5)	216.7 (82.0)	217.7 (81.5)	201.2 (76.5)	80	20:1	
369.7 (140.0)	304.3 (115.5)	303.0 (115)	297.4 (112)	110	20:1	
466.7 (176.5)	400.7 (151.0)	400.0 (150)	394.0 (150)	160	10:1	
700.0 (265.0)	600.0 (226.0)	600.0 (226)	590.0 (223)	200	7.5:1	
1040.0 (395.0)	900.0 (338.0)	900.0 (338)	880.0 (333)	300	5:1	
1470.0 (555.0)	1260.0 (478.0)	1260.0 (478)	1240.0 (470)	400	5:1	
2000.0 (760.0)	1700.0 (640.0)	1700.0 (640)	1680.0 (635)	500	5:1	

*Capacity data shown is for pumps with elastomeric diaphragms. Consult factory for performance characteristics of pumps with PTFE diaphragms.
†† Required Motor (kW)