

Unitech Screw Aggregates Series 300A Models PV300AVMv and PV300ASMv

APPLICATION:

Transportation of fluids with viscosity up to 250 Pa.s. The aggregate consists of screw pump with hopper and feeding screw device.



STANDARD EQUIPMENT:

Mobile single screw pumps with hopper and feeding screw device. Feet– For decreasing vibration at work.

CIP – Hopper with drain

Starter with reverse and emergency stop

Material AISI 304 / NBR

Inlet/ Outlet: Hopper 0.1 m³/ male union joints DIN 11851

***AV-modification** (Handle from behind the hopper)

***AS-modification** (Handle in front of the hopper)

***Mv - modification** Mechanical variable speed

OPTIONS:

***Hopper extension on Request**

***Lc** – Level control min/ max hopper level

***Tc** – Temperature control protective dry run

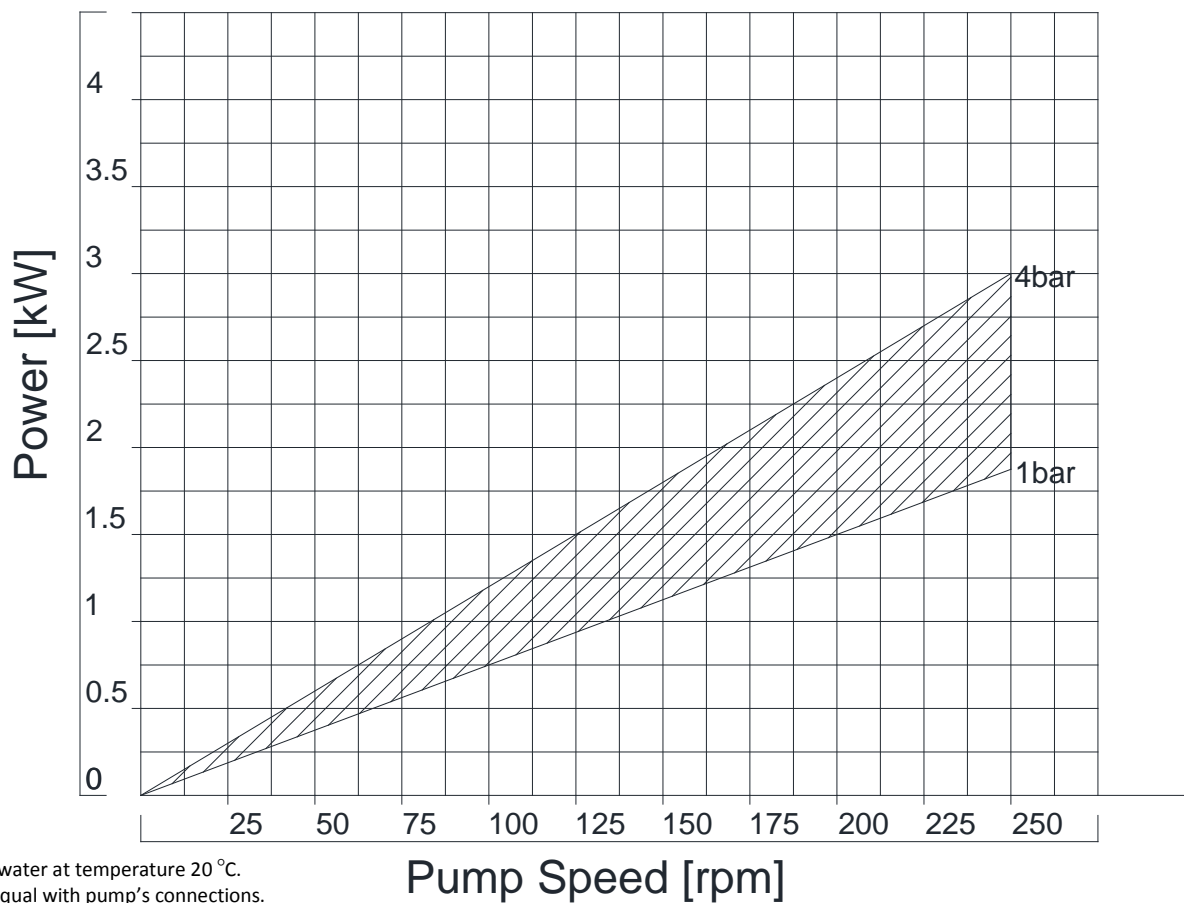
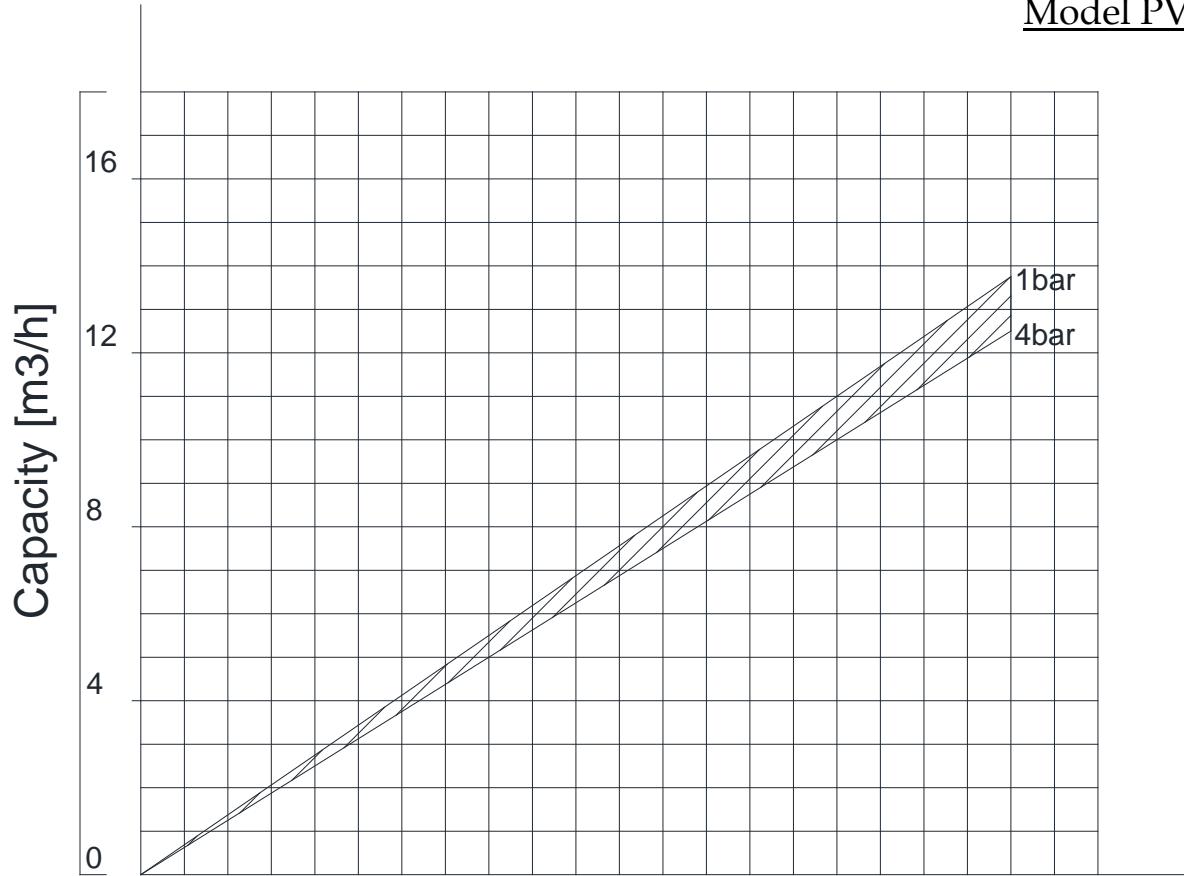
Material AISI 316

Connection: Garolla, SMS, Macon, Clamp, etc.

***Other Options on Request**

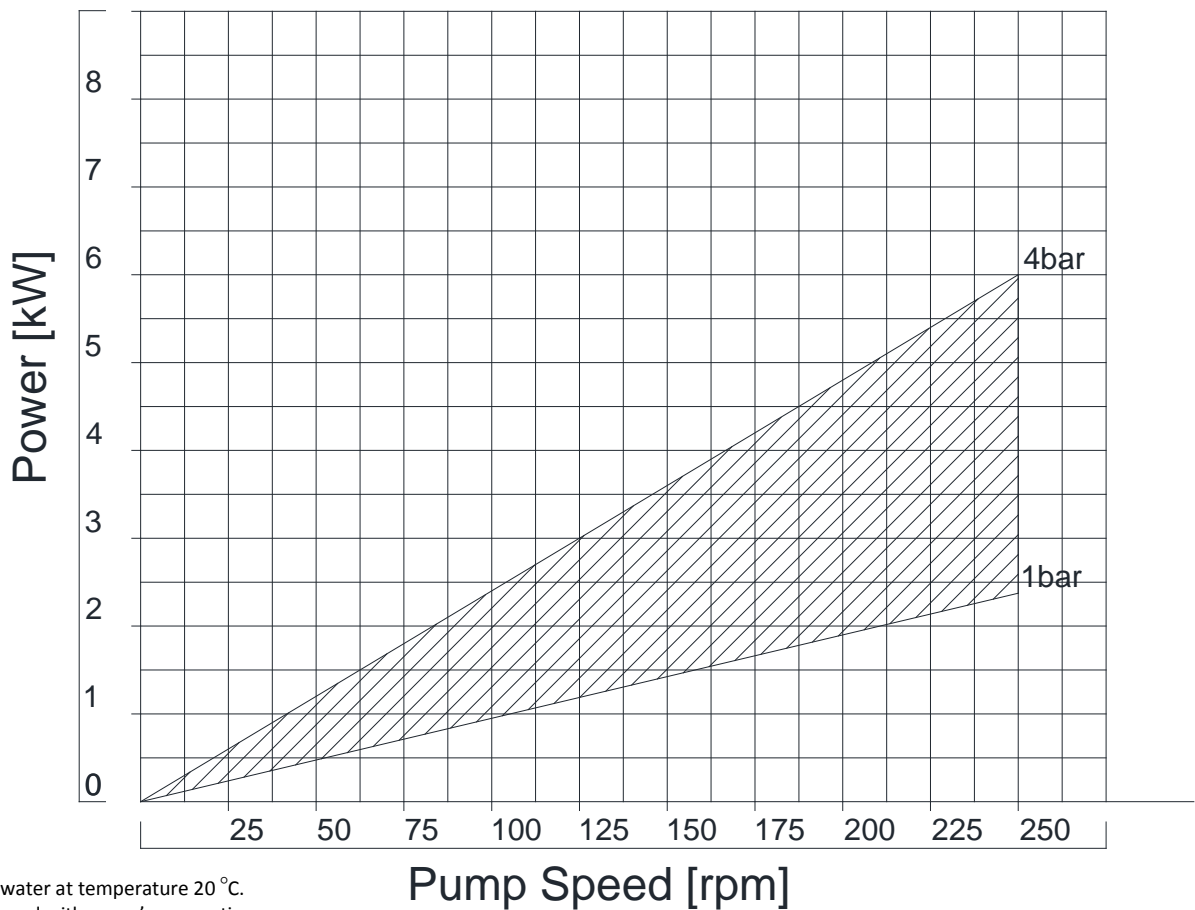
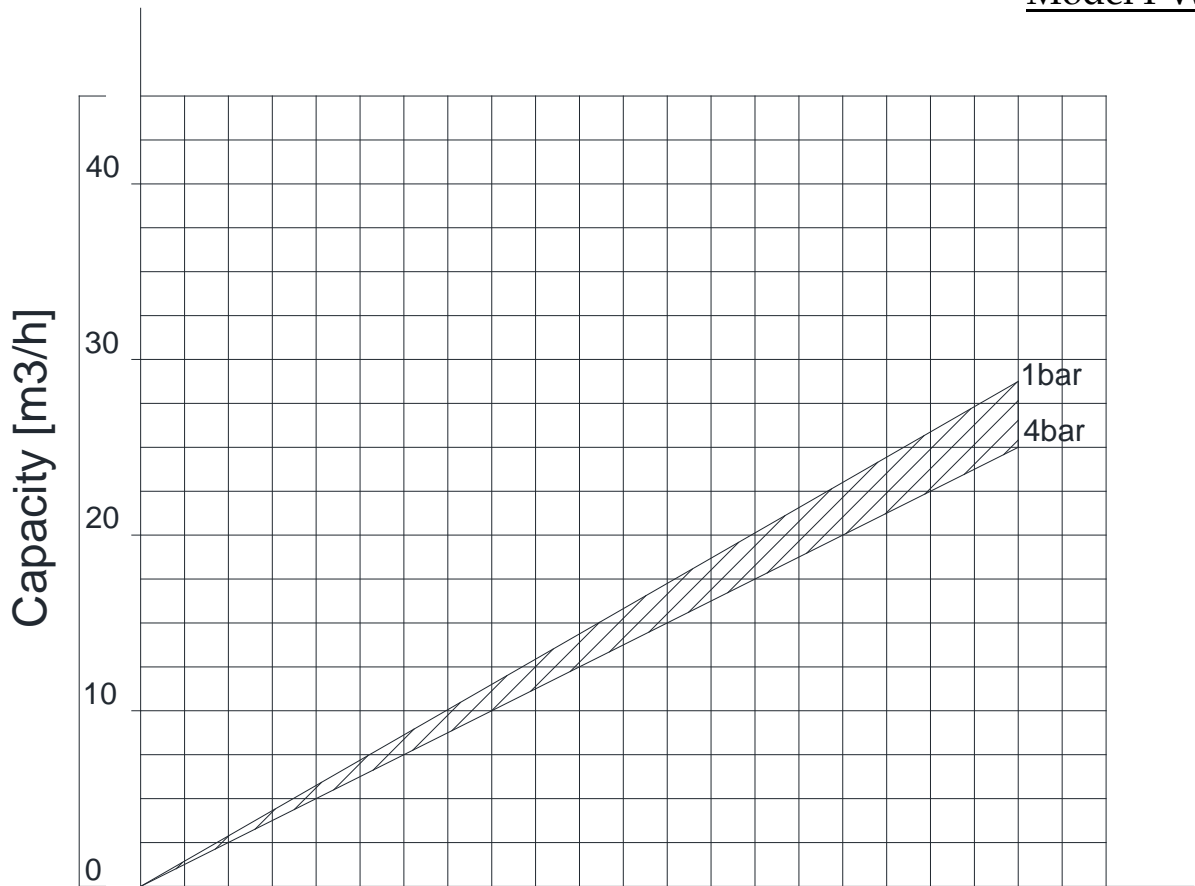
Technical Parameters							
Model	Capacity	Nominal Pressure	Electric Motor		Hopper's Volume	Viscosity	Weight
			kW	RPM			
PV308AV7Mv	1-7 m ³ /h	4.0 bar	3.0	27-143	0.075 m ³	up to 250 Pa.s	280 kg
PV305AV15Mv	2.5 - 15 m ³ /h		4.0	27-143	0.09 m ³		345 kg
PV306AV25Mv	4.5 – 25 m ³ /h		5.5	27-143	0.1 m ³		370 kg
PV307AV30Mv	5.5 – 30 m ³ /h		7.5	27-143	0.1 m ³		435 kg
PV309AV50Mv	10 - 50 m ³ /h		11.0	30-145	0.14 m ³		570 kg
PV308AS7Mv	1-7 m ³ /h		3.0	27-143	0.075 m ³		280 kg
PV305AS15Mv	2.5 - 15 m ³ /h		4.0	27-143	0.09 m ³		345 kg
PV306AS25Mv	4.5 – 25 m ³ /h		5.5	27-143	0.1 m ³		370 kg
PV307AS30Mv	5.5 – 30 m ³ /h		7.5	27-143	0.1 m ³		435 kg
PV309AS50Mv	10 - 50 m ³ /h		11.0	30-145	0.14 m ³		570 kg

Characteristic Curves of the Unitech Screw Aggregates Series 300A
Model PV308



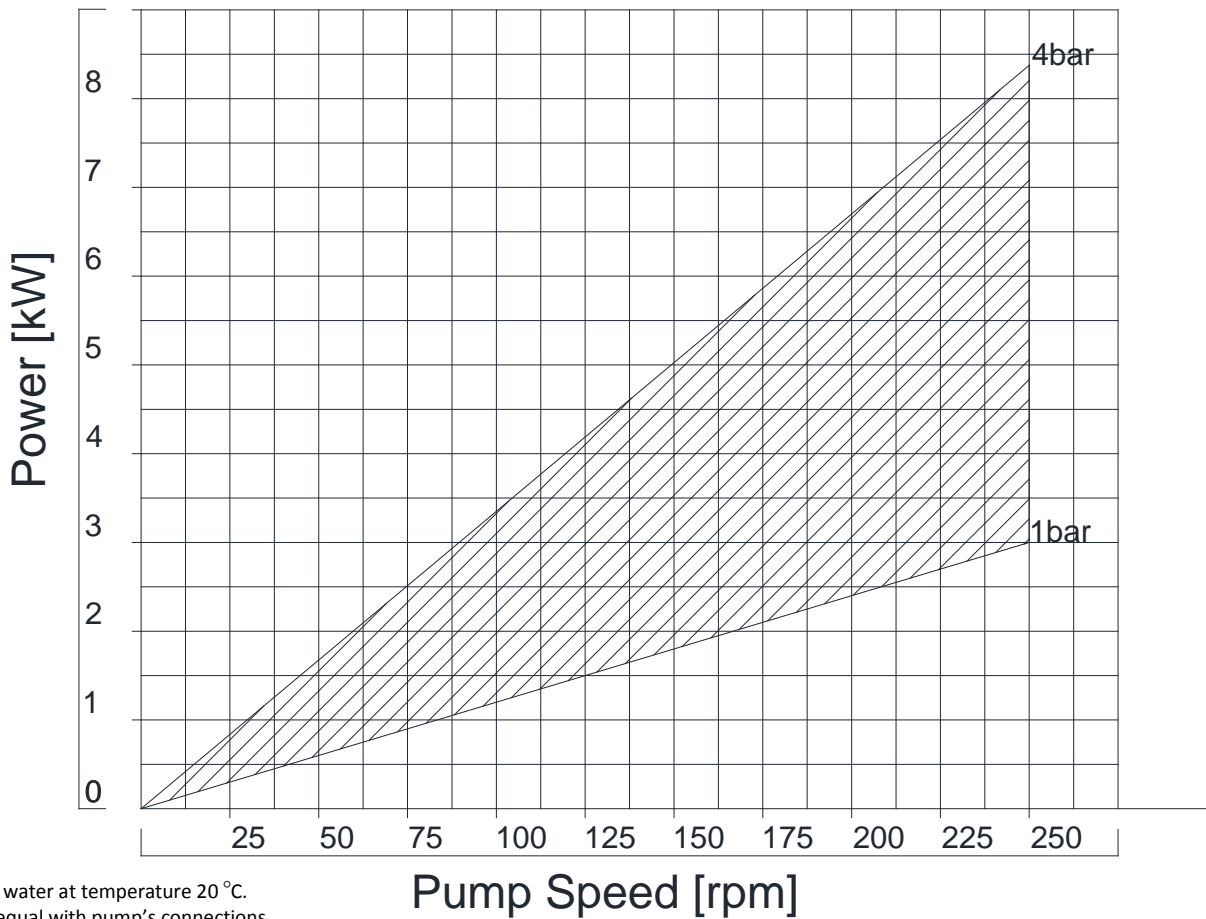
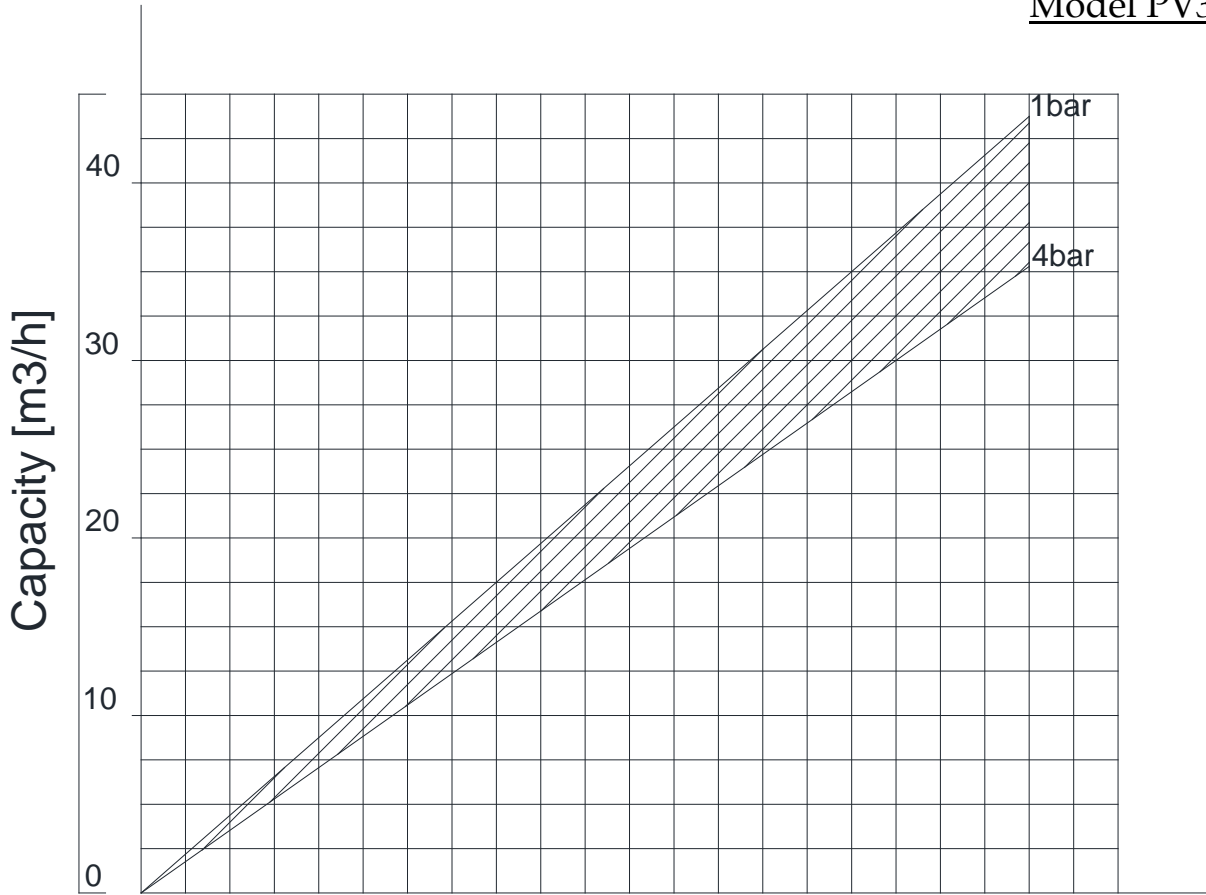
*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Characteristic Curves of the Unitech Screw Aggregates Series 300A
Model PV305



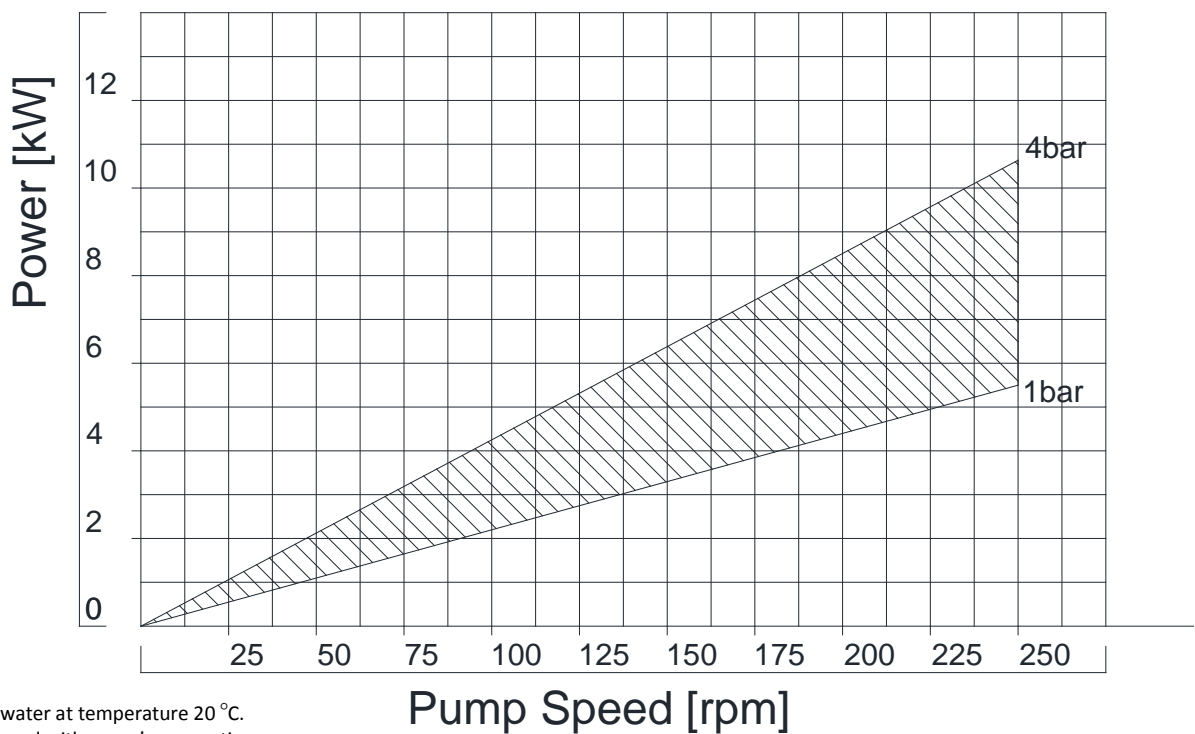
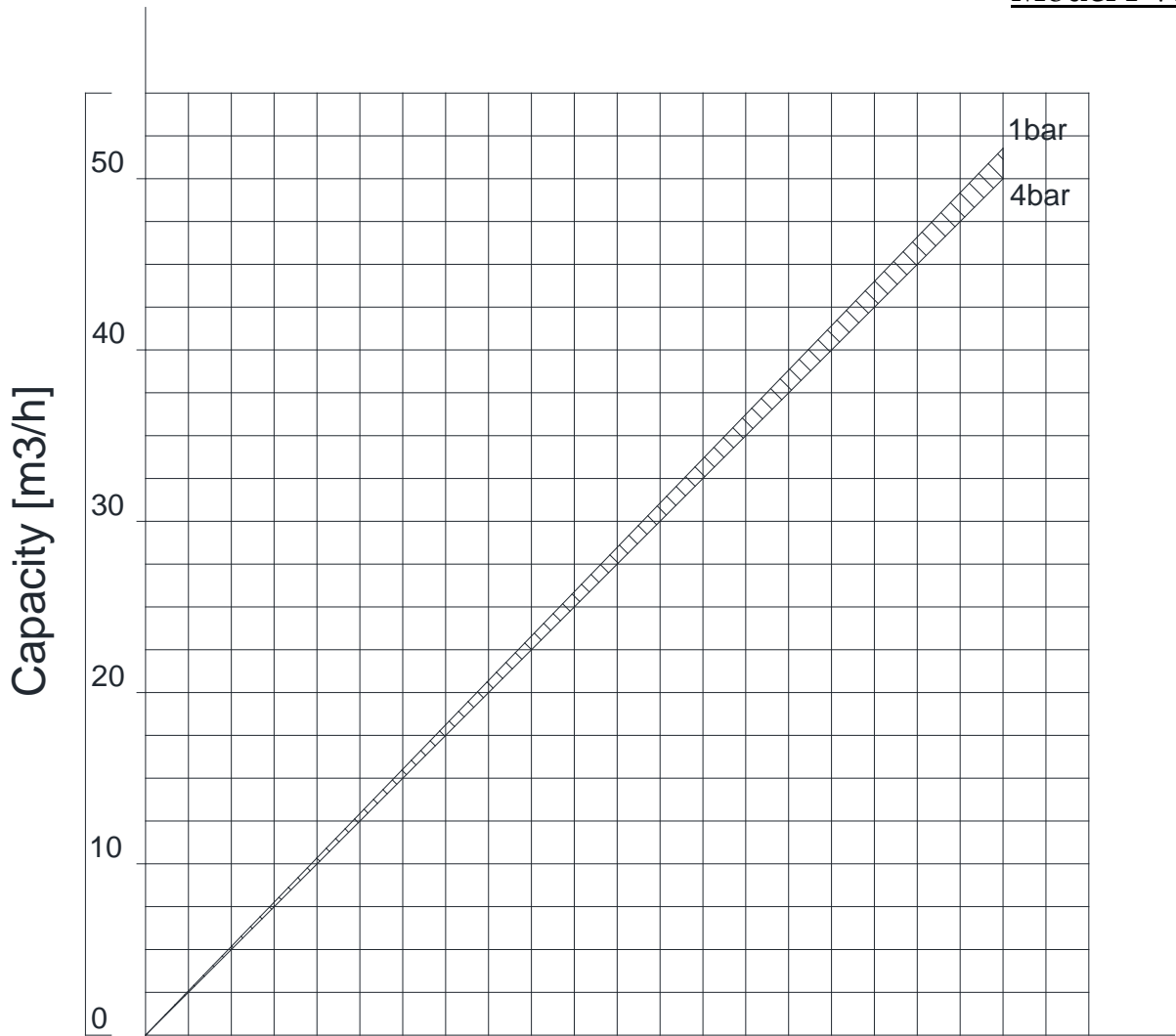
*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Characteristic Curves of the Unitech Screw Aggregates Series 300A
Model PV306



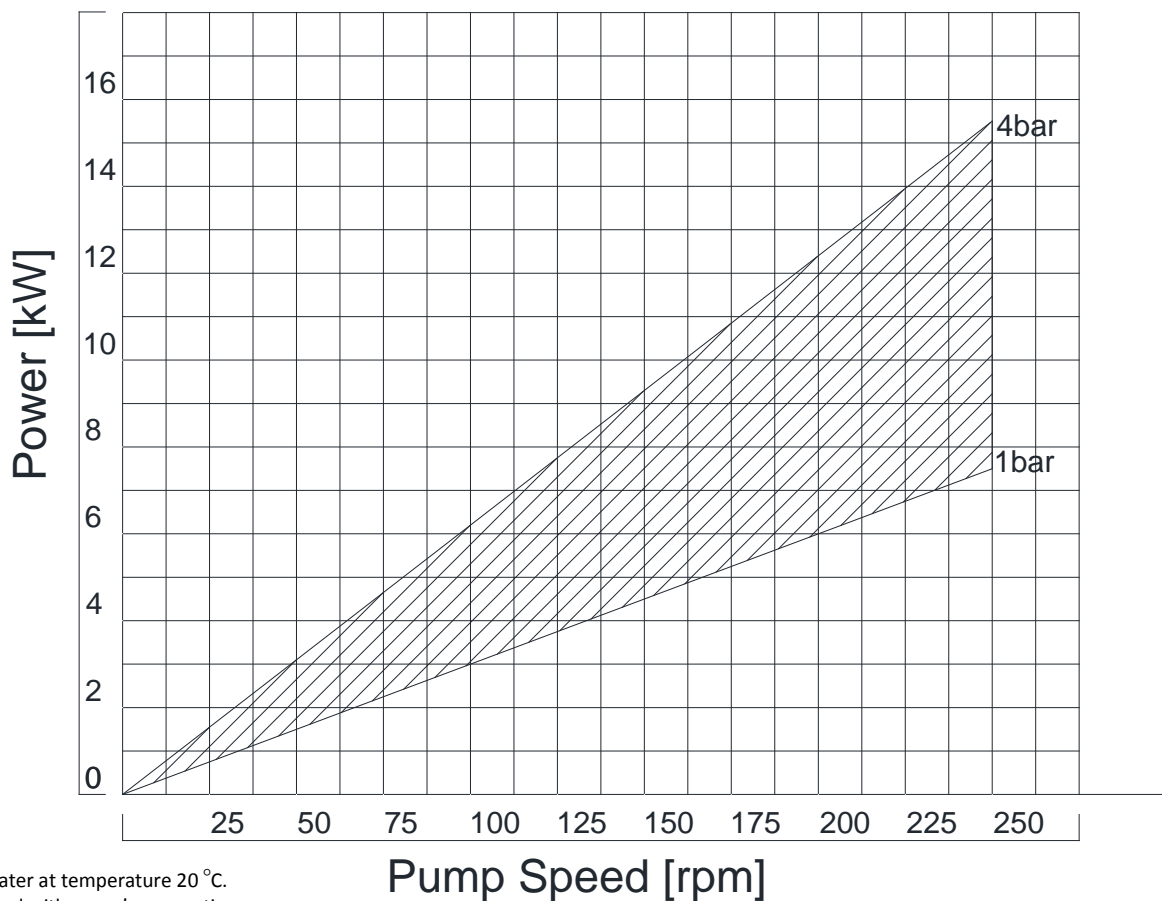
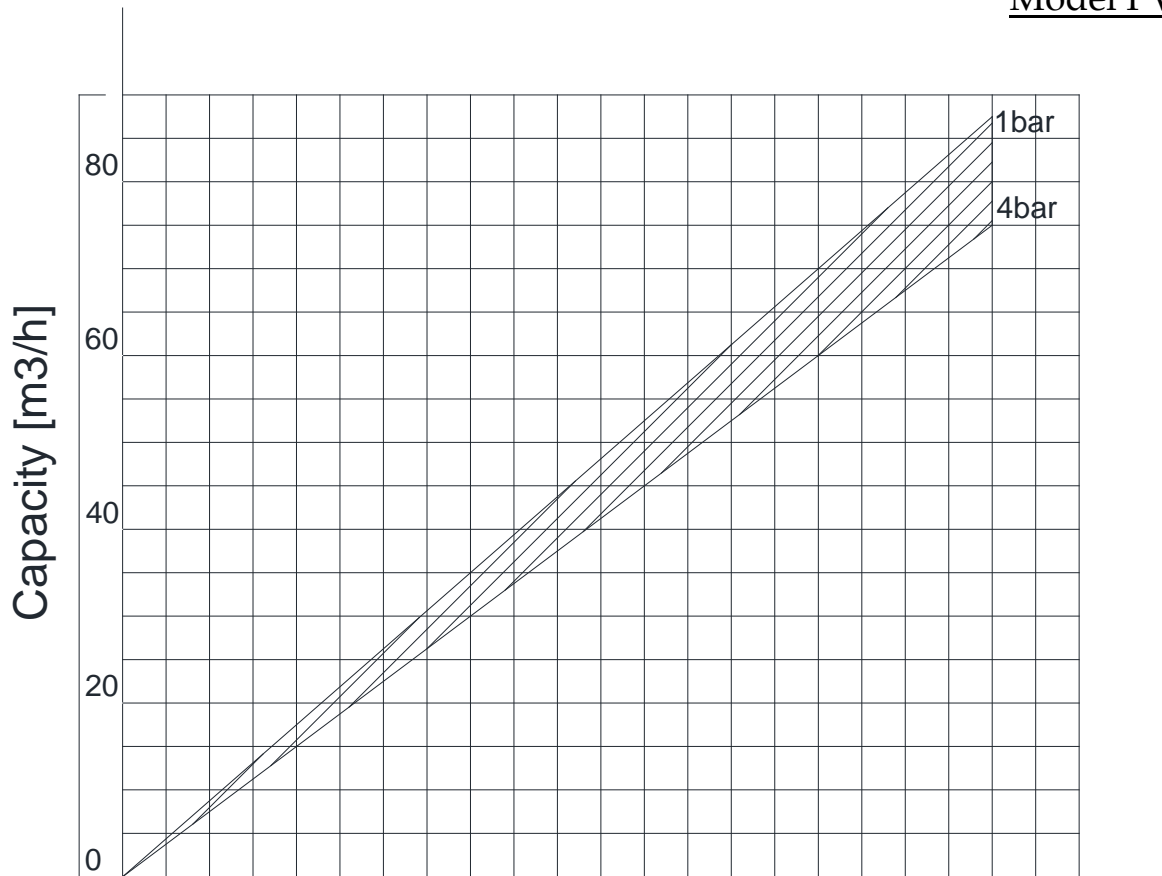
*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Characteristic Curves of the Unitech Screw Aggregates Series 300A
Model PV307



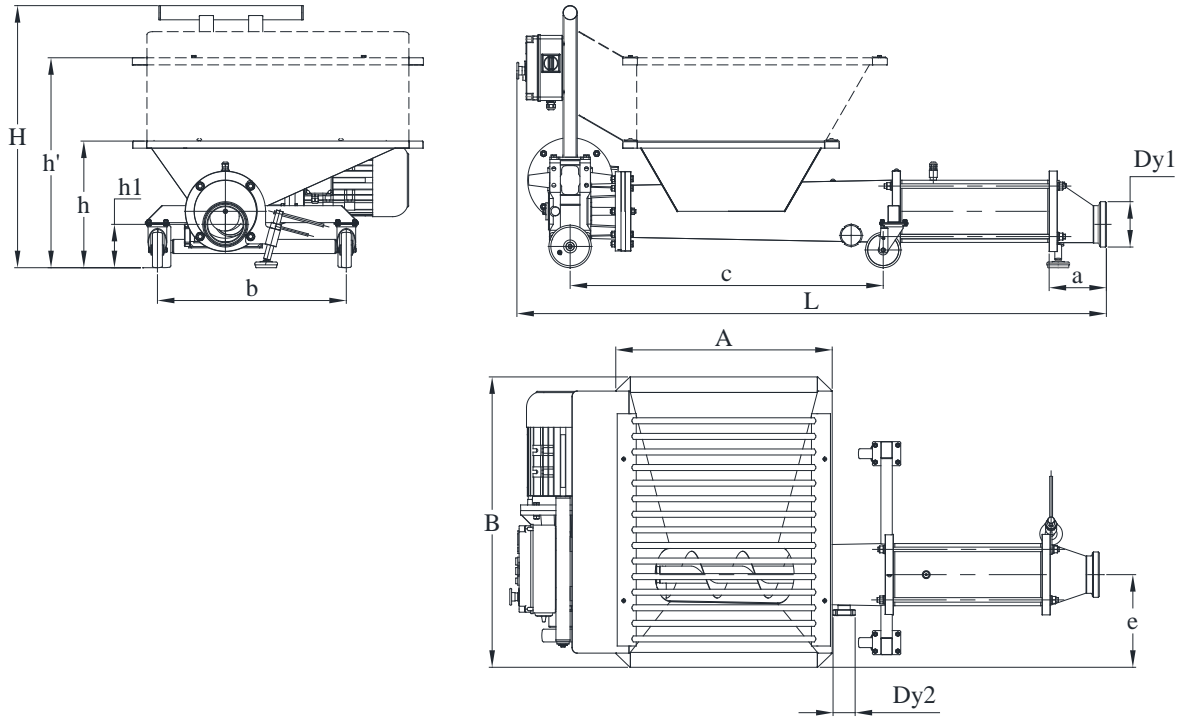
*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Characteristic Curves of the Unitech Screw Aggregates Series 300A
Model PV309



*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Dimensions of the Unitech Screw Aggregates Series 300A Models PV300AVMv and PV300ASMv



Dimensions, mm													
Model	Dy1	Dy2	L	B	H	A	h	h'	h1	b	c	a	e
PV308AVMv	100	40	1750	800	860	765	420	up to 740	150	670	1280	-	330
PV305AVMv	100	40	1950	930	925	765	450		160	670	1180	150	330
PV306AVMv	125	40	2030	1025	925	765	450		155	670	1180	150	330
PV307AVMv	125	40	2100	1025	925	765	450		150	670	1180	150	330
PV309AVMv	125	40	2630	1025	1050	920	575		210	670	910	150	330
PV308ASMv	100	40	1750	800	860	765	420	up to 740	150	670	1280	-	330
PV305ASMv	100	40	1950	930	925	765	450		160	670	1180	150	330
PV306ASMv	125	40	2030	1025	925	765	450		155	670	1180	150	330
PV307ASMv	125	40	2100	1025	925	765	450		150	670	1180	150	330
PV309ASMv	125	40	2630	1025	1050	920	575		210	670	910	150	330