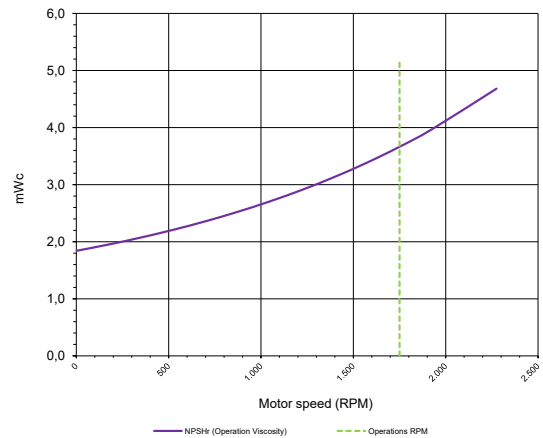


Pump: GR60 SMT /SMT SN / SMAPI 440L			
Pump data			
Screw size	60 mm		
Screw step	108 mm		
Motor speed	1.750 RPM		
Application data			
Pressure	6,00 bar	87 PSI	0,6 Mpa
Viscosity	Operations		
	Minimum (A)	mm ² /s	Maximum (B)
	46,0	320,0	800,0
	Operations		
	213	1.483	3.708
	SSU	SSU	SSU
Performances			
Flow	287,3 L/min	291,4 L/min	293,0 L/min
	75,9 GPM	77,0 GPM	77,4 GPM
	17,24 m ³ /h	17,48 m ³ /h	17,58 m ³ /h
Power	4,57 KW	6,33 KW	7,77 KW
	6,2 HP	8,6 HP	10,6 HP
Oil speed	3,2 m/sec	3,2 m/sec	3,2 m/sec
NPSH	2,7 mWS	3,7 mWS	4,7 mWS
Motor	N/A Frame	N/A Frame	N/A Frame
Suggested	N/A KW	N/A KW	N/A KW
Shaft torque	24,91 Nm	34,53 Nm	42,42 Nm

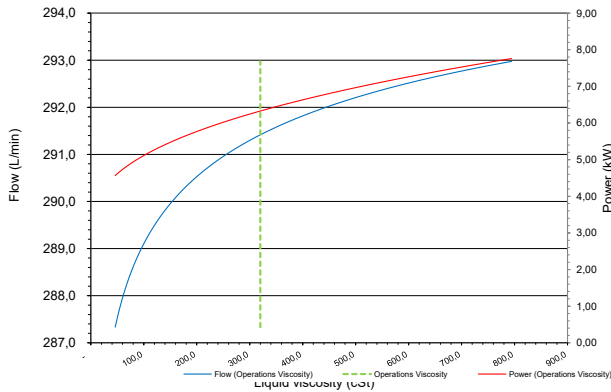
NOTES:
 1) for RPM < 800 or RPM > 3.000, please contact Settima
 2) for Viscosity < 10 or Viscosity > 1.000, please contact Settima
 (**) special model - longer delivery times

Settima Meccanica s.r.l. - Via Gabriele Rossetti, 1 - 29016 Cortemaggiore (PC) - Italy
 TEL: +39 0523 3650 - info@settima.it

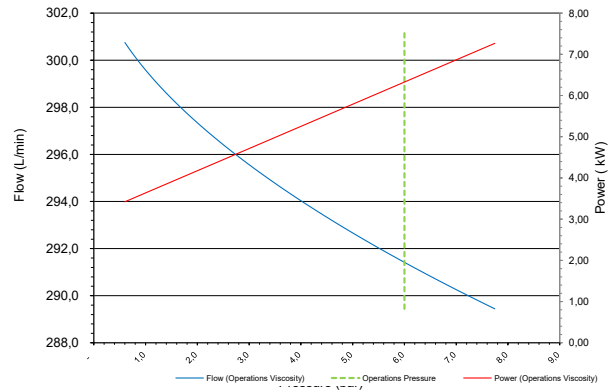
A) - NPSHr required by pump



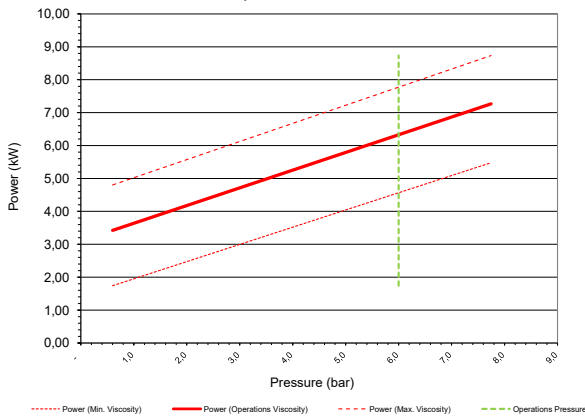
B) - Flow / Viscosity - Power / Viscosity



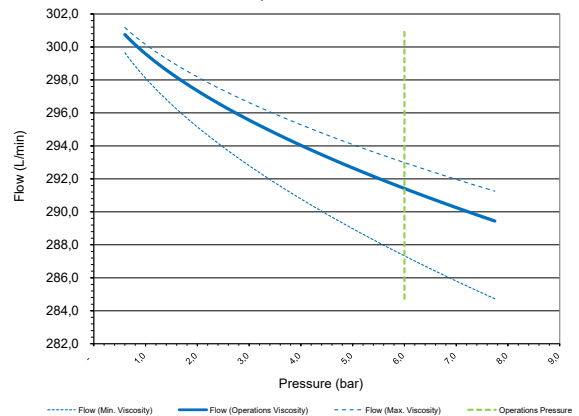
C) - Flow / Pressure - Power / Pressure



D) - Power / Pressure



E) - Flow / Pressure



Curve explanations:

- A) NPSH - this is the NPSH required by the pump. You have to check what is the NPSH available from your application
- B) Flow & Power at viscosity variations: the green line is the viscosity at operations as required by you
- C) Flow & Power at pressure variations: the green line is the pressure at operations as required by you
- D) Power at pressure variations calculated at min, max and operations viscosity: the green line is the pressure at operations as required by you
- E) Flow at pressure variations calculated at min, max and operations viscosity: the green line is the pressure at operations as required by you

Notes:

- 1) Flow informations are **not valid** for SMT16B S, S1, S2, S3, S4 version. In these cases, the Flow is reduced. The Flow information are **valid** for SMT SN version. The Power curves are valid for any version
- 2) Flow informations for viscosity below 10cSt has to be checked also in experimental ways (there are differences between fluid types)