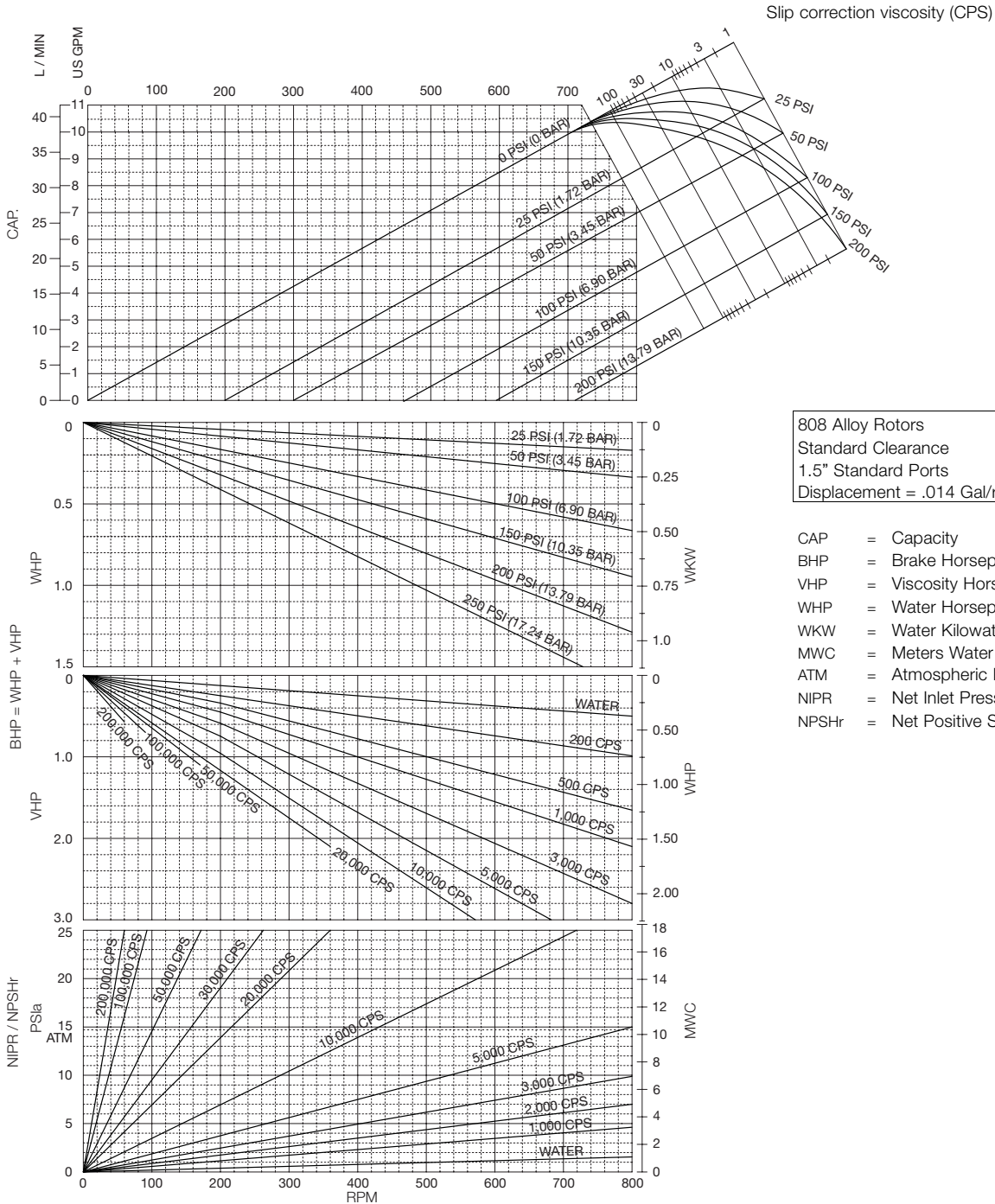


Performance Curves

SCPP 2/015

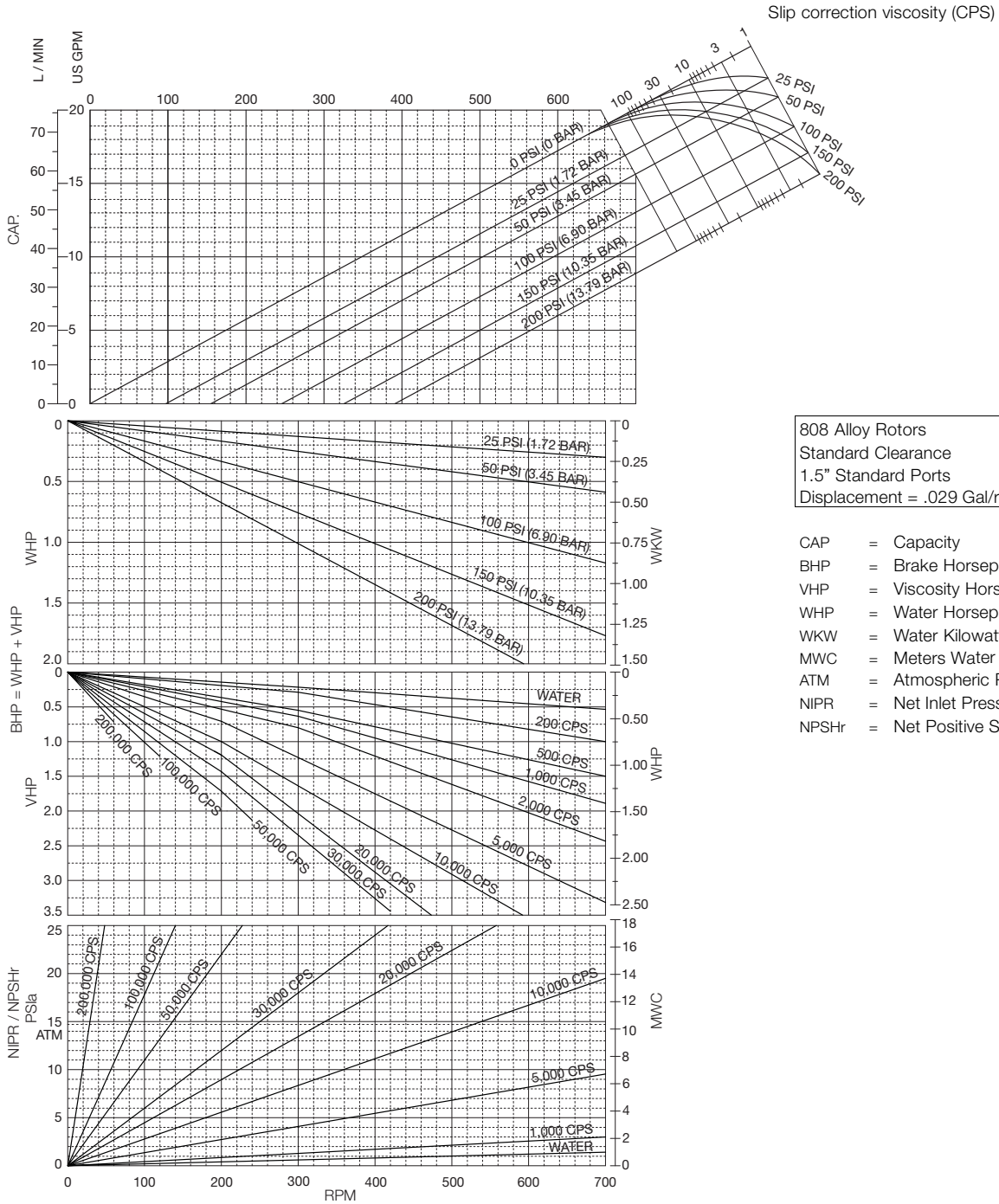


808 Alloy Rotors
 Standard Clearance
 1.5" Standard Ports
 Displacement = .014 Gal/rev. (.052 L/Rev.)

- CAP = Capacity
- BHP = Brake Horsepower
- VHP = Viscosity Horsepower
- WHP = Water Horsepower
- WKW = Water Kilowatts
- MWC = Meters Water Column
- ATM = Atmospheric Pressure
- NIPR = Net Inlet Pressure Required
- NPSHr = Net Positive Suction Head

Performance Curves

SCPP 2/018

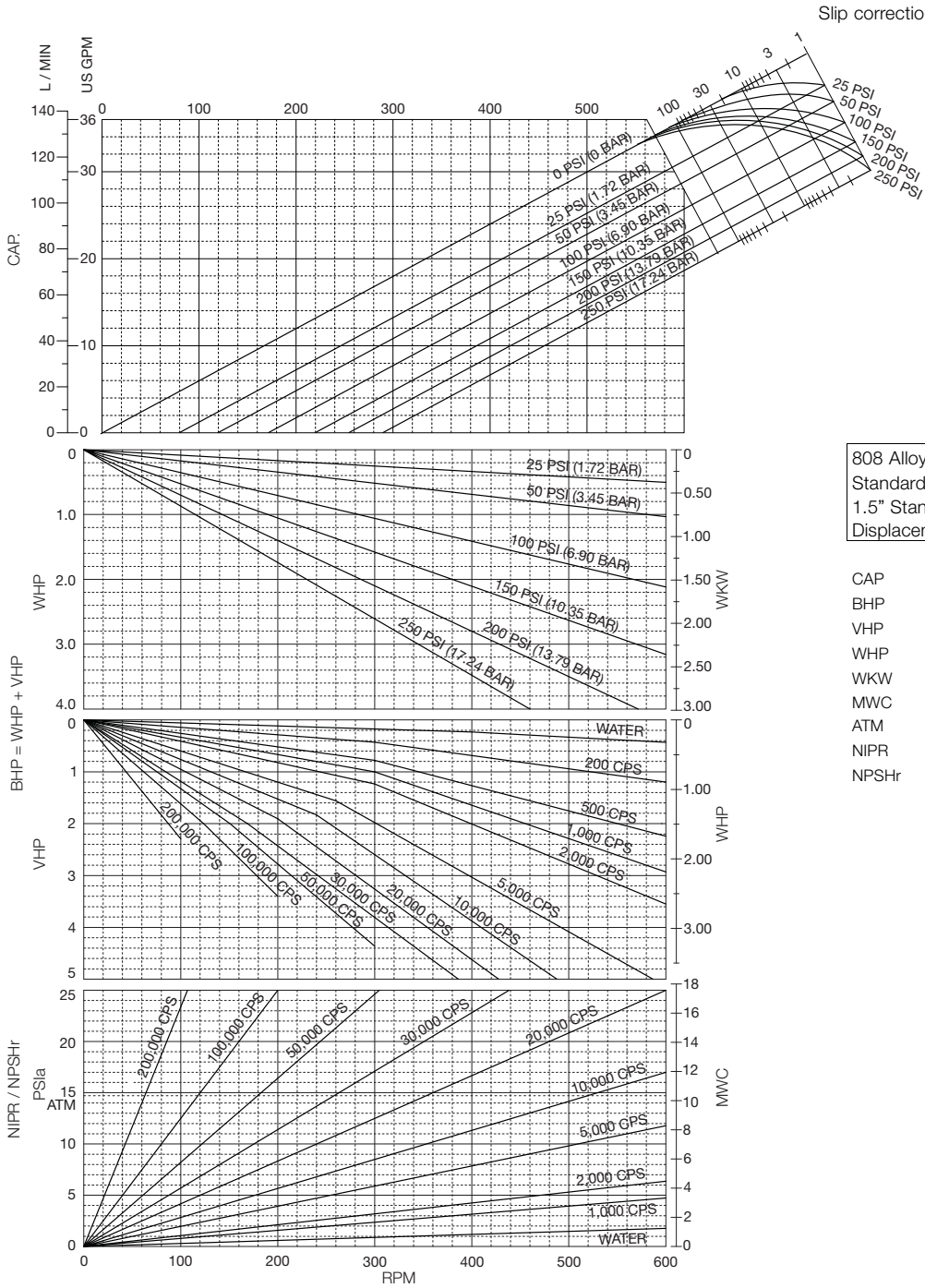


808 Alloy Rotors
 Standard Clearance
 1.5" Standard Ports
 Displacement = .029 Gal/rev. (.108 L/Rev.)

- CAP = Capacity
- BHP = Brake Horsepower
- VHP = Viscosity Horsepower
- WHP = Water Horsepower
- WKW = Water Kilowatts
- MWC = Meters Water Column
- ATM = Atmospheric Pressure
- NIPR = Net Inlet Pressure Required
- NPSH = Net Positive Suction Head

Performance Curves

SCPP 2/030

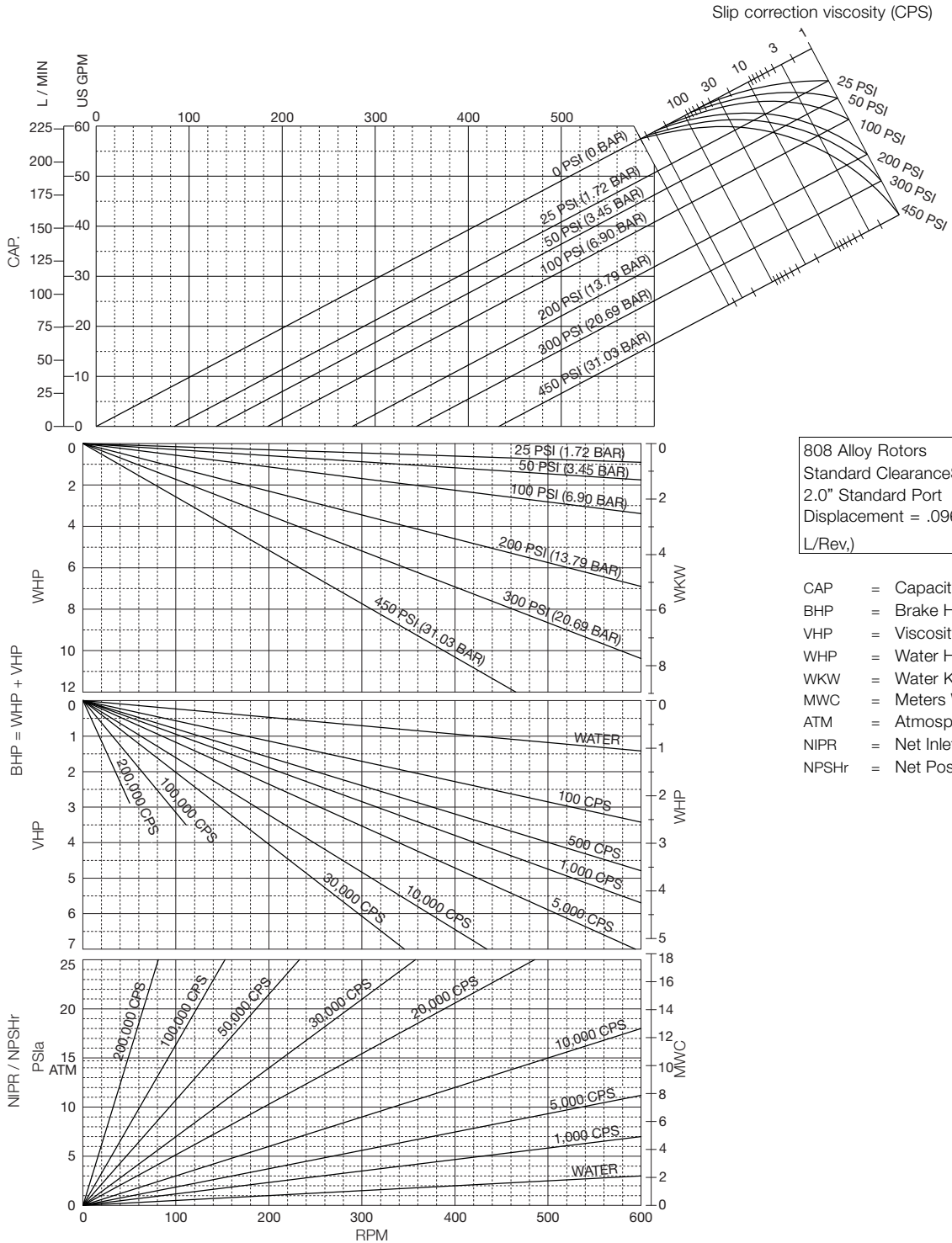


808 Alloy Rotors
 Standard Clearance
 1.5" Standard Ports
 Displacement = .060 Gal/rev. (.227 L/Rev.)

- CAP = Capacity
- BHP = Brake Horsepower
- VHP = Viscosity Horsepower
- WHP = Water Horsepower
- WKW = Water Kilowatts
- MWC = Meters Water Column
- ATM = Atmospheric Pressure
- NIPR = Net Inlet Pressure Required
- NPSHr = Net Positive Suction Head

Performance Curves

SCPP 2/045

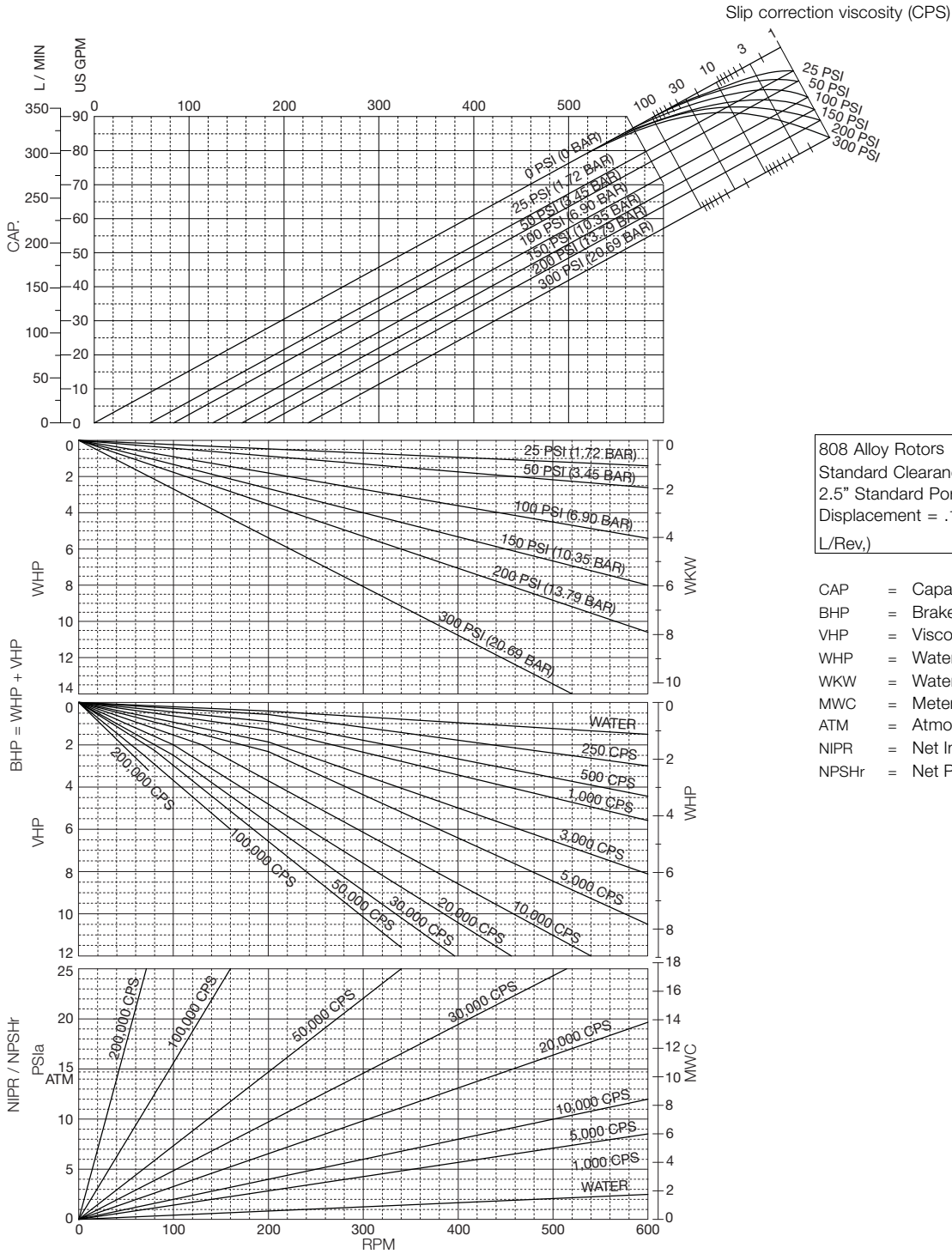


808 Alloy Rotors
 Standard Clearance Standard Ports
 2.0" Standard Port
 Displacement = .096 Gal/rev. (.366 L/Rev.)

- CAP = Capacity
- BHP = Brake Horsepower
- VHP = Viscosity Horsepower
- WHP = Water Horsepower
- WKW = Water Kilowatts
- MWC = Meters Water Column
- ATM = Atmospheric Pressure
- NIPR = Net Inlet Pressure Required
- NPSHr = Net Positive Suction Head

Performance Curves

SCPP 2/060



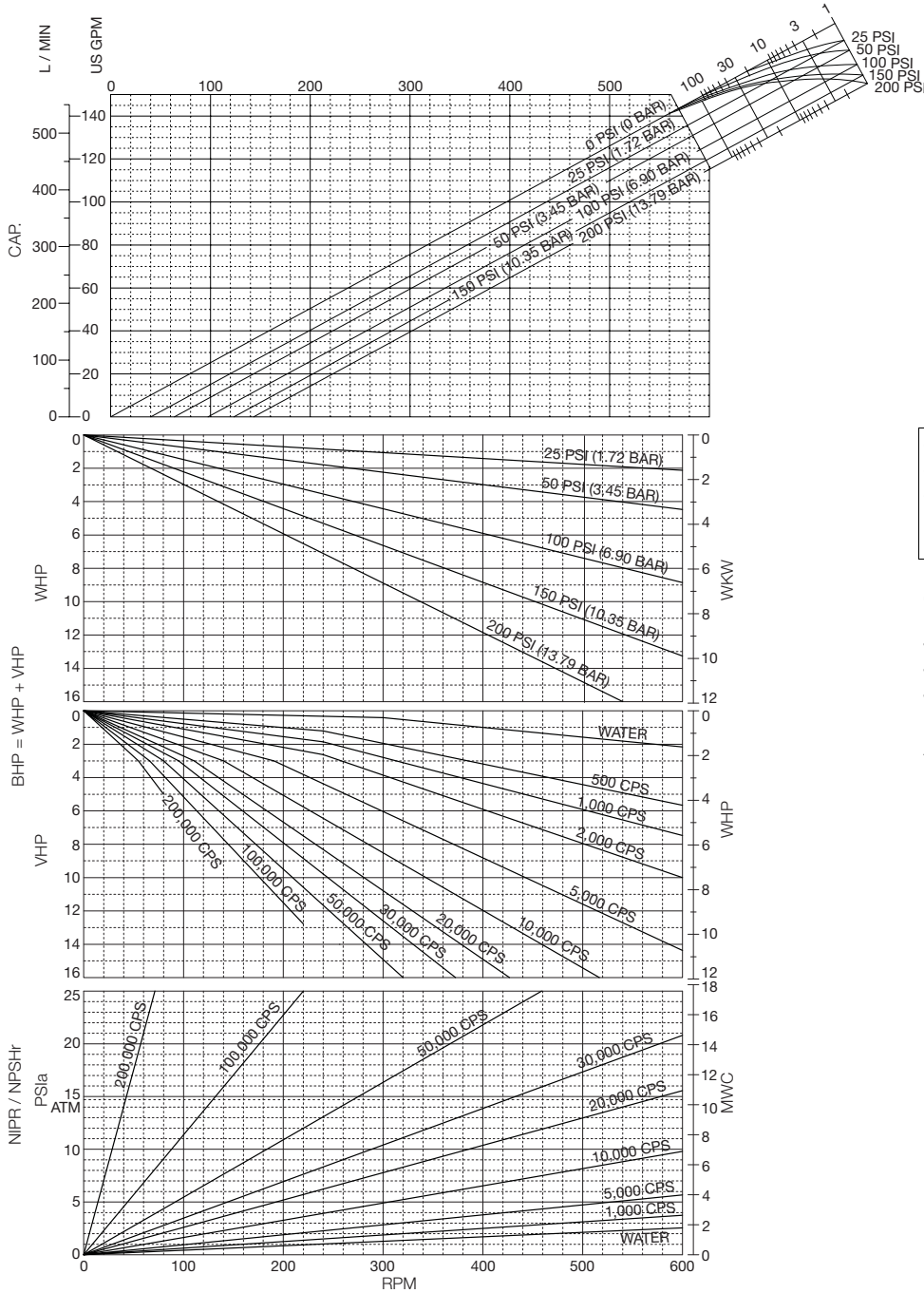
808 Alloy Rotors
 Standard Clearance
 2.5" Standard Ports
 Displacement = .150 Gal/rev. (.568 L/Rev.)

- CAP = Capacity
- BHP = Brake Horsepower
- VHP = Viscosity Horsepower
- WHP = Water Horsepower
- WKW = Water Kilowatts
- MWC = Meters Water Column
- ATM = Atmospheric Pressure
- NIPR = Net Inlet Pressure Required
- NPSHr = Net Positive Suction Head

Performance Curves

SCPP 2/130

Slip correction viscosity (CPS)

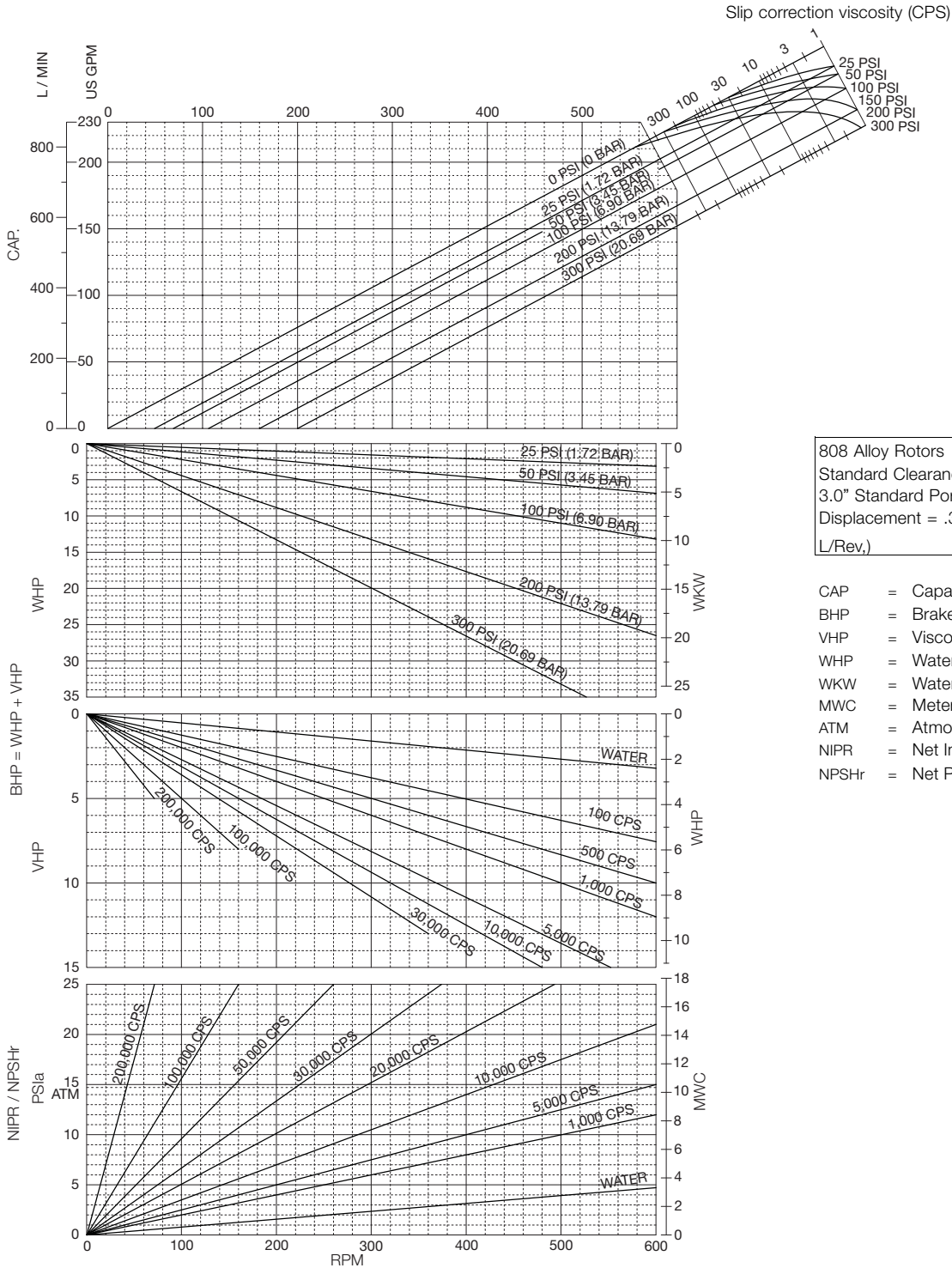


808 Alloy Rotors
 Standard Clearance
 3.0" Standard Ports
 Displacement = .250 Gal/rev. (.946 L/Rev.)

CAP = Capacity
 BHP = Brake Horsepower
 VHP = Viscosity Horsepower
 WHP = Water Horsepower
 WKW = Water Kilowatts
 MWC = Meters Water Column
 ATM = Atmospheric Pressure
 NIPR = Net Inlet Pressure Required
 NPSH# = Net Positive Suction Head

Performance Curves

SCPP 2/180

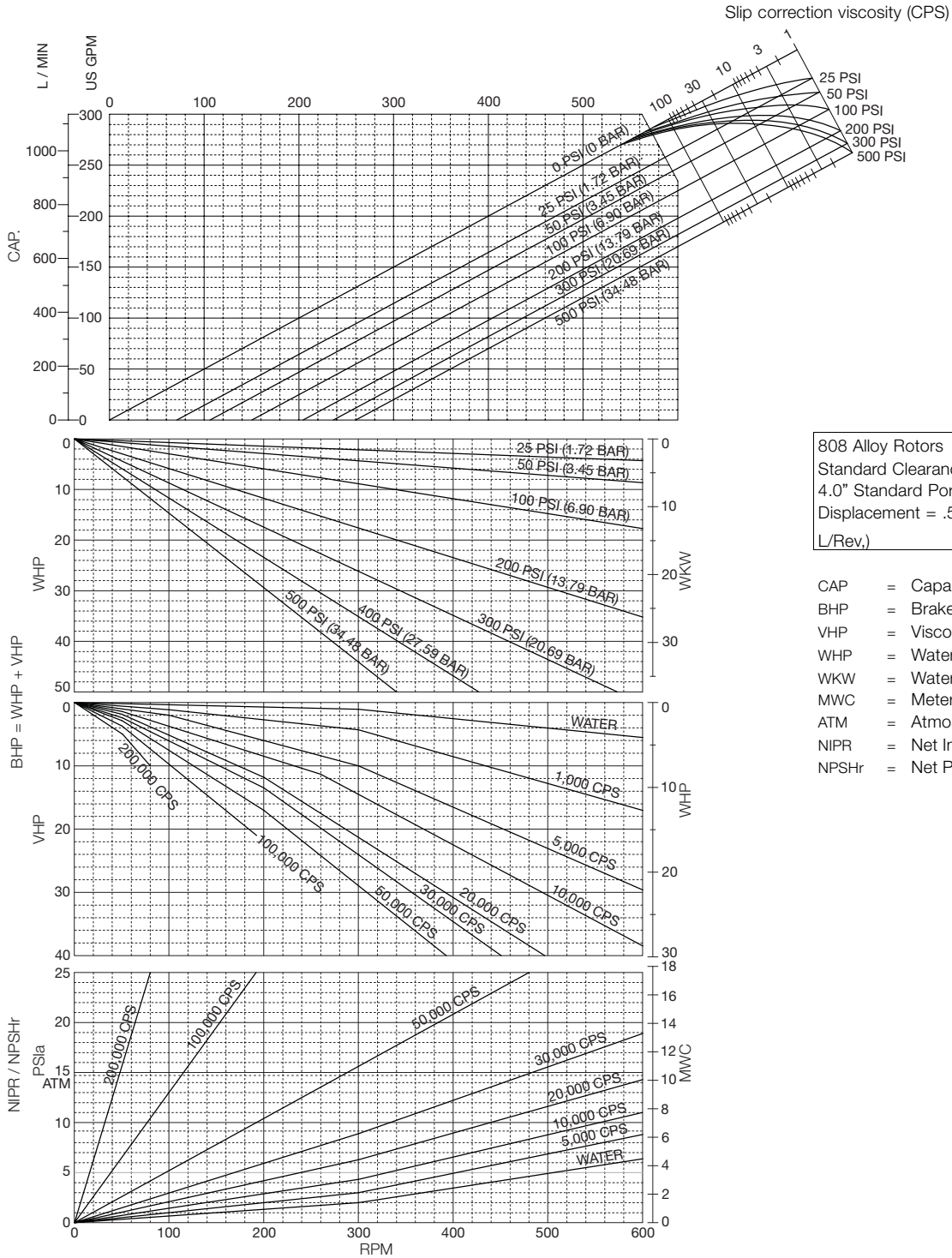


808 Alloy Rotors
 Standard Clearance
 3.0" Standard Ports
 Displacement = .383 Gal/rev. (1.450 L/Rev.)

- CAP = Capacity
- BHP = Brake Horsepower
- VHP = Viscosity Horsepower
- WHP = Water Horsepower
- WKW = Water Kilowatts
- MWC = Meters Water Column
- ATM = Atmospheric Pressure
- NIPR = Net Inlet Pressure Required
- NPSHr = Net Positive Suction Head

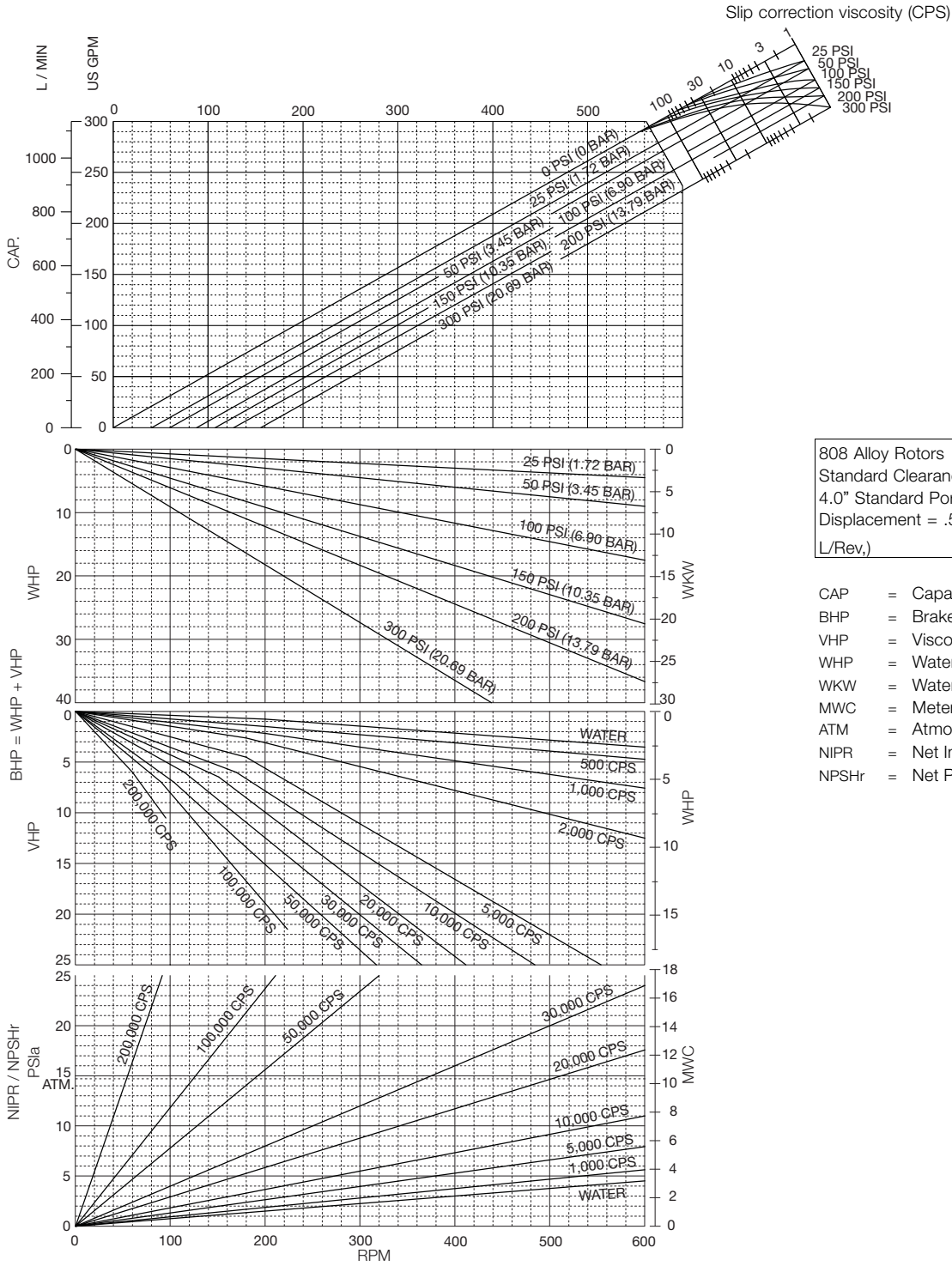
Performance Curves

SCPP 2/210



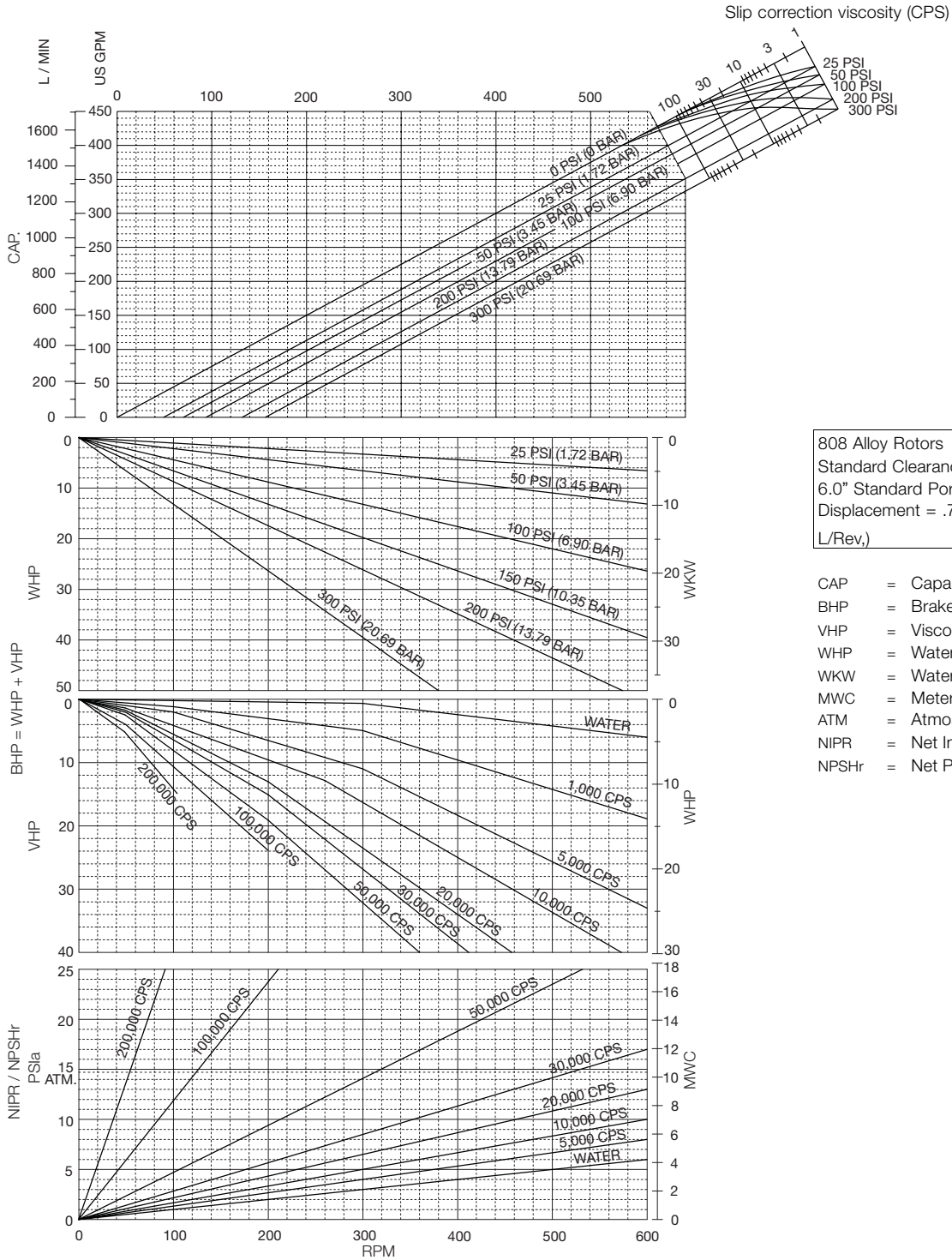
Performance Curves

SCPP 2/220



Performance Curves

SCPP 2/320



808 Alloy Rotors
 Standard Clearance
 6.0" Standard Ports
 Displacement = .752 Gal/rev. (2.846 L/Rev.)

- CAP = Capacity
- BHP = Brake Horsepower
- VHP = Viscosity Horsepower
- WHP = Water Horsepower
- WKW = Water Kilowatts
- MWC = Meters Water Column
- ATM = Atmospheric Pressure
- NIPR = Net Inlet Pressure Required
- NPSHr = Net Positive Suction Head

DIN11851 male screwed connections, EPDM elastomers and stainless steel tri-lobe rotors for 130°C / 8 bar max.

Single EasyFit mechanical seals with carbon/stainless steel faces			Single Flushed EasyFit mechanical seals with carbon/stainless steel faces			Connection size	
Item No.	RCPL EUR	Model	Item No.	RCPL EUR	Model	Inch	mm
OptiLobe - Horizontally Ported Pumps							
9630411745		OptiLobe 22	9630412097		OptiLobe 22	1.5	40
9630414625		OptiLobe 23	9630414977		OptiLobe 23	1.5	40
9630417505		OptiLobe 32	9630417857		OptiLobe 32	2	50
9630420385		OptiLobe 33	9630420737		OptiLobe 33	2	50
9630423265		OptiLobe 42	9630423617		OptiLobe 42	2.5	65
9630426145		OptiLobe 43	9630426497		OptiLobe 43	3	80

Single EasyFit mechanical seals with silicon carbide/silicon carbide faces			Single Flushed EasyFit mechanical seals with silicon carbide/silicon carbide faces			Connection size	
Item No.	RCPL EUR	Model	Item No.	RCPL EUR	Model	Inch	mm
OptiLobe - Horizontally Ported Pumps							
9630410379		OptiLobe 22	9630412257		OptiLobe 22	1.5	40
9630414689		OptiLobe 23	9630415137		OptiLobe 23	1.5	40
9630417569		OptiLobe 32	9630418017		OptiLobe 32	2	50
9630420449		OptiLobe 33	9630420897		OptiLobe 33	2	50
9630423329		OptiLobe 42	9630423777		OptiLobe 42	2.5	65
9630426209		OptiLobe 43	9630426657		OptiLobe 43	3	80

Single EasyFit mechanical seals with carbon/stainless steel faces			Single Flushed EasyFit mechanical seals with carbon/stainless steel faces			Connection size	
Item No.	RCPL EUR	Model	Item No.	RCPL EUR	Model	Inch	mm
OptiLobe - Vertically Ported Pumps							
9630411747		OptiLobe 22	9630412099		OptiLobe 22	1.5	40
9630414627		OptiLobe 23	9630414979		OptiLobe 23	1.5	40
9630417507		OptiLobe 32	9630417859		OptiLobe 32	2	50
9630420387		OptiLobe 33	9630420739		OptiLobe 33	2	50
9630423267		OptiLobe 42	9630423619		OptiLobe 42	2.5	65
9630426147		OptiLobe 43	9630426499		OptiLobe 43	3	80

Single EasyFit mechanical seals with silicon carbide/silicon carbide faces			Single Flushed EasyFit mechanical seals with silicon carbide/silicon carbide faces			Connection size	
Item No.	RCPL EUR	Model	Item No.	RCPL EUR	Model	Inch	mm
OptiLobe - Vertically Ported Pumps							
9630411811		OptiLobe 22	9630412259		OptiLobe 22	1.5	40
9630414691		OptiLobe 23	9630415139		OptiLobe 23	1.5	40
9630417571		OptiLobe 32	9630418019		OptiLobe 32	2	50
9630420451		OptiLobe 33	9630420899		OptiLobe 33	2	50
9630423331		OptiLobe 42	9630423779		OptiLobe 42	2.5	65
9630426211		OptiLobe 43	9630426659		OptiLobe 43	3	80

OptiLobe Rotary Lobe Pumps

Rotary Lobe Pumps

Fixed Speed Drive Units for OptiLobe Rotary Lobe
 Positive Displacement Pumps
 Geared electric motor - TEFV IP55 400v 3ph 50Hz
 Stainless steel baseplate and guard

3.3

Item No.	RCPL EUR	Pump	Motor power kW
			Pump speed range 25 - 49 rev/min.
		OptiLobe 22/23	0.75
		OptiLobe 22/23	1.1
		OptiLobe 22/23	1.5
		OptiLobe 32/33	1.5
		OptiLobe 32/33	2.2
		OptiLobe 32/33	3
		OptiLobe 42/43	3
		OptiLobe 42/43	4
		OptiLobe 42/43	5.5
			Pump speed range 50 - 74 rev/min.
		OptiLobe 22/23	0.75
		OptiLobe 22/23	1.1
		OptiLobe 22/23	1.5
		OptiLobe 32/33	1.5
		OptiLobe 32/33	2.2
		OptiLobe 32/33	3
		OptiLobe 42/43	3
		OptiLobe 42/43	4
		OptiLobe 42/43	5.5
			Pump speed range 75 - 99 rev/min.
		OptiLobe 22/23	0.75
		OptiLobe 22/23	1.1
		OptiLobe 22/23	1.5
		OptiLobe 32/33	1.5
		OptiLobe 32/33	2.2
		OptiLobe 32/33	3
		OptiLobe 42/43	3
		OptiLobe 42/43	4
		OptiLobe 42/43	5.5
			Pump speed range 100 - 124 rev/min
		OptiLobe 22/23	0.75
		OptiLobe 22/23	1.1
		OptiLobe 22/23	1.5
		OptiLobe 32/33	1.5
		OptiLobe 32/33	2.2
		OptiLobe 32/33	3
		OptiLobe 42/43	3
		OptiLobe 42/43	4
		OptiLobe 42/43	5.5
			Pump speed range 125 - 199 rev/min
		OptiLobe 22/23	0.75
		OptiLobe 22/23	1.1
		OptiLobe 22/23	1.5
		OptiLobe 32/33	1.5
		OptiLobe 32/33	2.2
		OptiLobe 32/33	3
		OptiLobe 42/43	3
		OptiLobe 42/43	4
		OptiLobe 42/43	5.5

Fixed Speed Drive Units for OptiLobe Rotary Lobe Positive Displacement Pumps
 Geared electric motor - TEFV IP55 400v 3ph 50Hz
 Stainless steel baseplate and guard

Item No.	RCPL EUR	Pump	Motor power kW
			Pump speed range 200 - 650 rev/min
		OptiLobe 22/23	0.75
		OptiLobe 22/23	1.1
		OptiLobe 22/23	1.5
		OptiLobe 32/33	1.5
		OptiLobe 32/33	2.2
		OptiLobe 32/33	3
		OptiLobe 42/43	3
		OptiLobe 42/43	4
		OptiLobe 42/43	5.5

Single Hyclean mechanical seals with carbon/stainless steel faces.
 DIN 11851 male screwed connections, EPDM elastomers and
 stainless steel tri-lobe rotors with 130°C clearances.
 Product code: 5321

Standard Pressure version (Stainless Steel Shafts)				High Pressure version (Duplex Stainless Steel Shafts)					
Item No.	RCPL EUR	Max. Pressure (bar)	Model	Item No.	RCPL EUR	Max. Pressure (bar)	Model	Sanitary connection size	
								inch	mm
SRU - Horizontally ported pumps									
				9630111135		8	SRU1/005/LD	1.0	25
				9630111137		5	SRU1/008/LD	1.0	25
9630111139		10	SRU2/013/LS	9630111141		15	SRU2/013/LD	1.0	25
9630111143		7	SRU2/018/LS	9630111145		10	SRU2/018/LD	1.5	40
9630111147		10	SRU3/027/LS	9630111149		15	SRU3/027/LD	1.5	40
9630111151		7	SRU3/038/LS	9630111153		10	SRU3/038/LD	2.0	50
9630111155		10	SRU4/055/LS	9630111157		20	SRU4/055/LD	2.0	50
9630111159		7	SRU4/079/LS	9630111161		15	SRU4/079/LD	2.5	65
9630111163		10	SRU5/116/LS	9630111165		20	SRU5/116/LD	2.5	65
9630111167		7	SRU5/168/LS	9630111169		15	SRU5/168/LD	3.0	80
9630111171		10	SRU6/260/LS	9630111173		20	SRU6/260/LD	4.0	100
9630111175		7	SRU6/353/LS	9630111177		15	SRU6/353/LD	4.0	100
SRU - Vertically ported pumps									
				9630111136		8	SRU1/005/HD	1.0	25
				9630111138		5	SRU1/008/HD	1.0	25
9630111140		10	SRU2/013/HS	9630111142		15	SRU2/013/HD	1.0	25
9630111144		7	SRU2/018/HS	9630111146		10	SRU2/018/HD	1.5	40
9630111148		10	SRU3/027/HS	9630111150		15	SRU3/027/HD	1.5	40
9630111152		7	SRU3/038/HS	9630111154		10	SRU3/038/HD	2.0	50
9630111156		10	SRU4/055/HS	9630111158		20	SRU4/055/HD	2.0	50
9630111160		7	SRU4/079/HS	9630111162		15	SRU4/079/HD	2.5	65
9630111164		10	SRU5/116/HS	9630111166		20	SRU5/116/HD	2.5	65
9630111168		7	SRU5/168/HS	9630111170		15	SRU5/168/HD	3.0	80
9630111172		10	SRU6/260/HS	9630111174		20	SRU6/260/HD	4.0	100
9630111176		7	SRU6/353/HS	9630111178		15	SRU6/353/HD	4.0	100

Options - please see later this chapter.

For further information - please see PD-sheet.

Single Hyclean mechanical seals with silicon carbide/silicon carbide faces.
 DIN 11851 male screwed connections, EPDM elastomers and stainless steel tri-lobe rotors with 130°C clearances.
 Product code: 5321

Standard Pressure version (Stainless Steel Shafts)				High Pressure version (Duplex Stainless Steel Shafts)					
Item No.	RCPL EUR	Max. Pressure (bar)	Model	Item No.	RCPL EUR	Max. Pressure (bar)	Model	Sanitary connection size	
								inch	mm
SRU - Horizontally ported pumps									
				9630111179		8	SRU1/005/LD	1.0	25
				9630111181		5	SRU1/008/LD	1.0	25
9630111183		10	SRU2/013/LS	9630111185		15	SRU2/013/LD	1.0	25
9630111187		7	SRU2/018/LS	9630111189		10	SRU2/018/LD	1.5	40
9630111191		10	SRU3/027/LS	9630111193		15	SRU3/027/LD	1.5	40
9630111195		7	SRU3/038/LS	9630111197		10	SRU3/038/LD	2.0	50
9630111199		10	SRU4/055/LS	9630111201		20	SRU4/055/LD	2.0	50
9630111203		7	SRU4/079/LS	9630111205		15	SRU4/079/LD	2.5	65
9630111207		10	SRU5/116/LS	9630111209		20	SRU5/116/LD	2.5	65
9630111211		7	SRU5/168/LS	9630111213		15	SRU5/168/LD	3.0	80
9630111215		10	SRU6/260/LS	9630111217		20	SRU6/260/LD	4.0	100
9630111219		7	SRU6/353/LS	9630111221		15	SRU6/353/LD	4.0	100
SRU - Vertically ported pumps									
				9630111180		8	SRU1/005/HD	1.0	25
				9630111182		5	SRU1/008/HD	1.0	25
9630111184		10	SRU2/013/HS	9630111186		15	SRU2/013/HD	1.0	25
9630111188		7	SRU2/018/HS	9630111190		10	SRU2/018/HD	1.5	40
9630111192		10	SRU3/027/HS	9630111194		15	SRU3/027/HD	1.5	40
9630111196		7	SRU3/038/HS	9630111198		10	SRU3/038/HD	2.0	50
9630111200		10	SRU4/055/HS	9630111202		20	SRU4/055/HD	2.0	50
9630111204		7	SRU4/079/HS	9630111206		15	SRU4/079/HD	2.5	65
9630111208		10	SRU5/116/HS	9630111210		20	SRU5/116/HD	2.5	65
9630111212		7	SRU5/168/HS	9630111214		15	SRU5/168/HD	3.0	80
9630111216		10	SRU6/260/HS	9630111218		20	SRU6/260/HD	4.0	100
9630111220		7	SRU6/353/HS	9630111222		15	SRU6/353/HD	4.0	100

Options - please see later this chapter.

For further information - please see PD-sheet.