

VERTIFLO

The Vertical Pump Specialists

PUMPS FOR INDUSTRY

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**Horizontal End Suction
Pumps-Centrifugal Series 1300 and 1400**

Horizontal End Suction
Pumps-Vortex Series 1500 and 1600

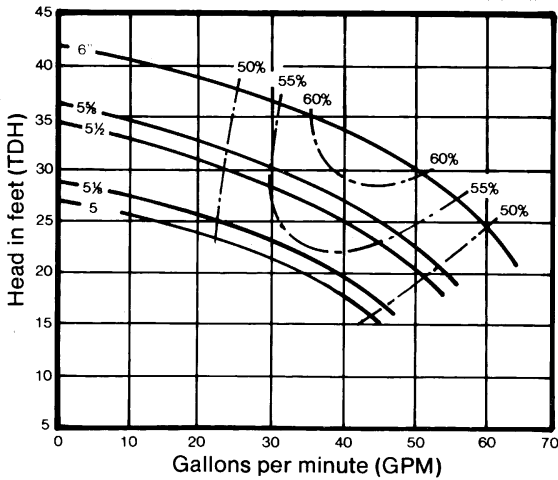
Horizontal Self-priming
Pumps- Centrifugal Series 2100

Engineering Sample Specifications

VERTIFLO PUMP COMPANY Performance Curves

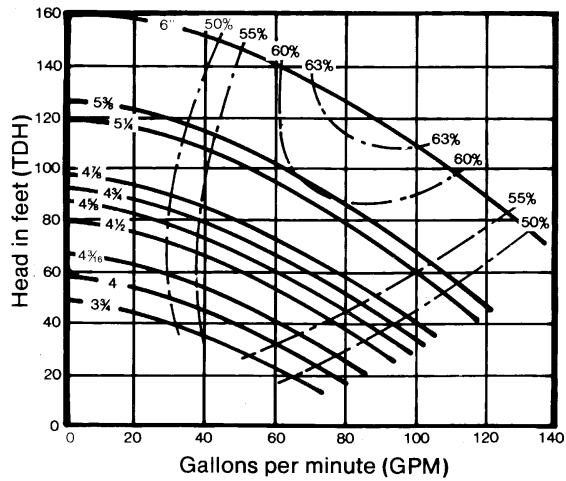
Series 1300 / Model 1312 Size 1 1/2 X 1 X 6

1750 RPM



HP	SF	DIA
3/4	1.15	6
	1.00	6
1/2	1.15	5 5/8
	1.00	5 1/2
1/3	1.15	5 1/8
	1.00	5

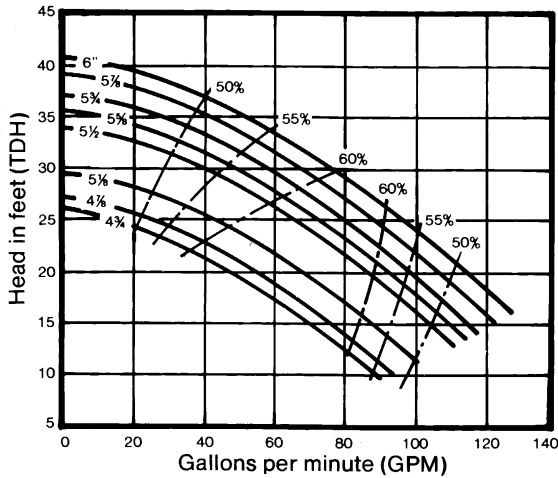
3500 RPM



HP	SF	DIA	HP	SF	DIA
5	1.15	6	1 1/2	1.15	4 5/8
	1.00	6		1.00	4 1/2
3	1.15	5 3/8	1	1.15	4 3/16
	1.00	5 1/4		1.00	4
2	1.15	4 7/8			
	1.00	4 3/4			

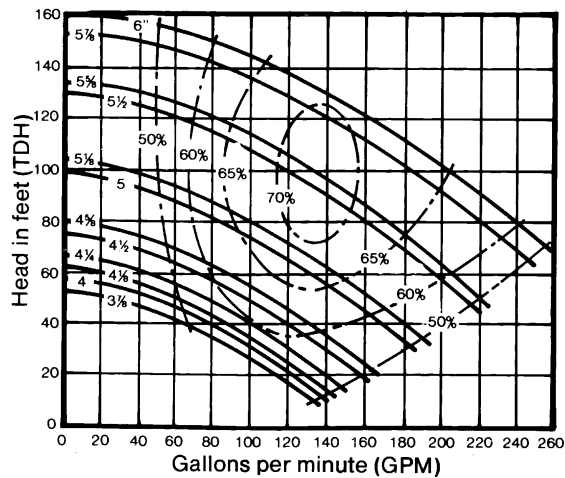
Series 1300 / Model 1312 Size 2 X 1 1/2 X 6

1750 RPM



HP	SF	DIA	HP	SF	DIA
1 1/2	1.15	6	3/4	1.15	5 5/8
	1.00	6		1.00	5 1/2
1	1.15	5 7/8	1/2	1.15	5 1/8
	1.00	4 7/8		1.00	4 7/8

3500 RPM



HP	SF	DIA	HP	SF	DIA
7 1/2	1.15	6	2	1.15	4 5/8
	1.00	5 7/8		1.00	4 1/2
5	1.15	5 5/8	1 1/2	1.15	4 1/4
	1.00	5 1/2		1.00	4 1/8
3	1.15	5 1/8	1	1.15	4
	1.00	5		1.00	3 7/8

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

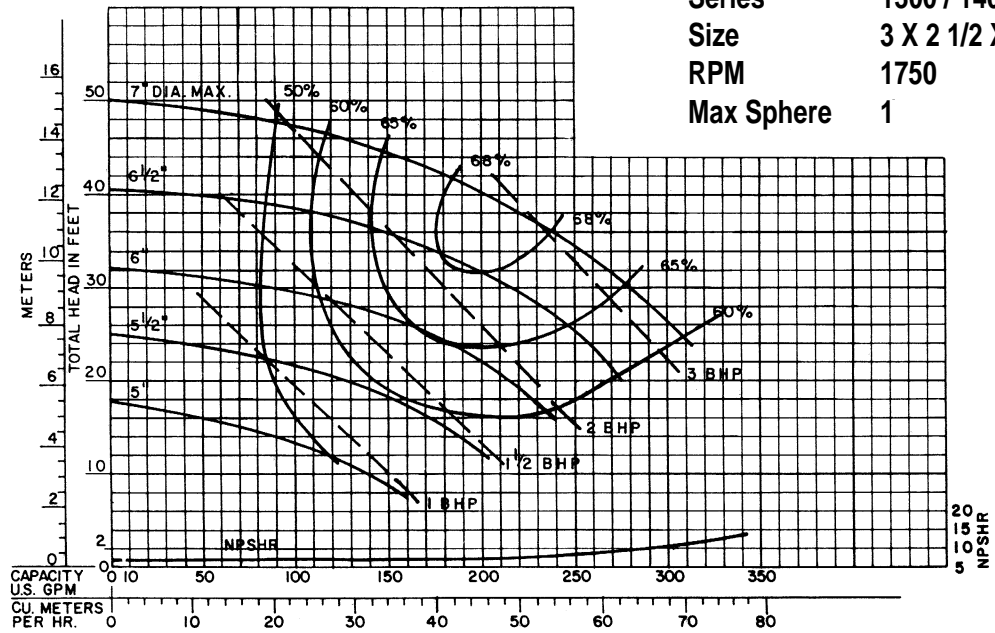
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

1300

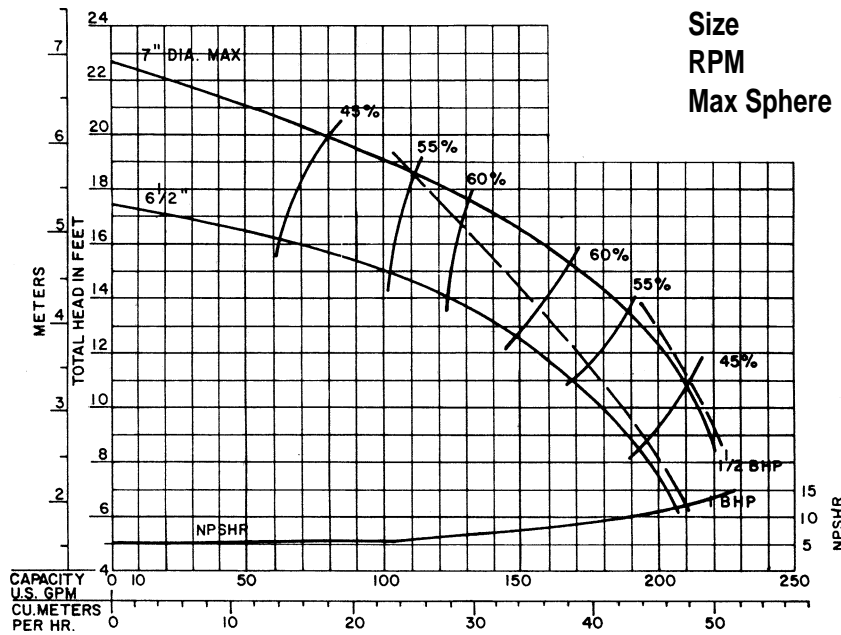
VERTIFLO PUMP COMPANY Performance Curves

Curve PV-1525



Series 1300 / 1400
 Size 3 X 2 1/2 X 7
 RPM 1750
 Max Sphere 1

Curve RV-1525



Series 1300 / 1400
 Size 3 X 2 1/2 X 7
 RPM 1150
 Max Sphere 1

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

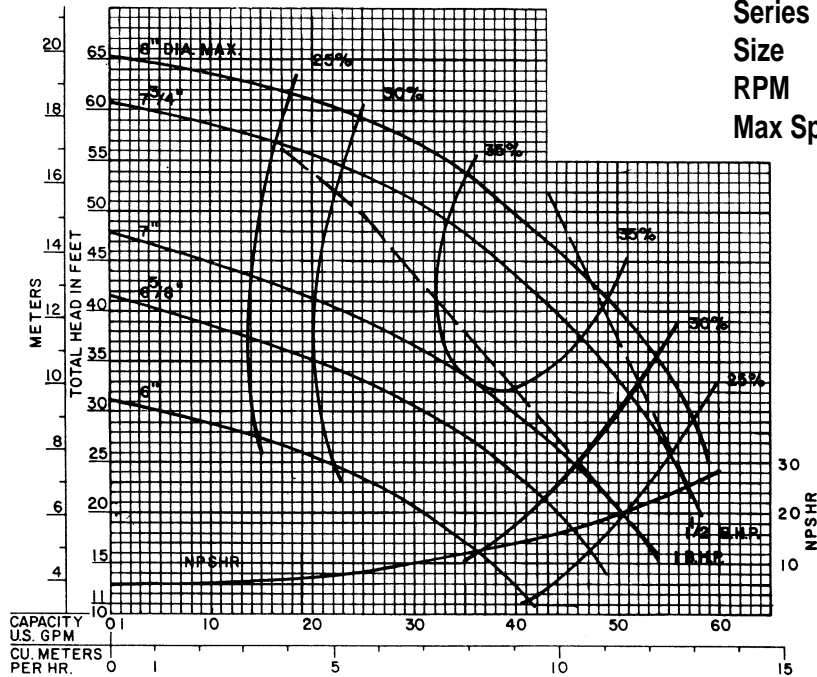
ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

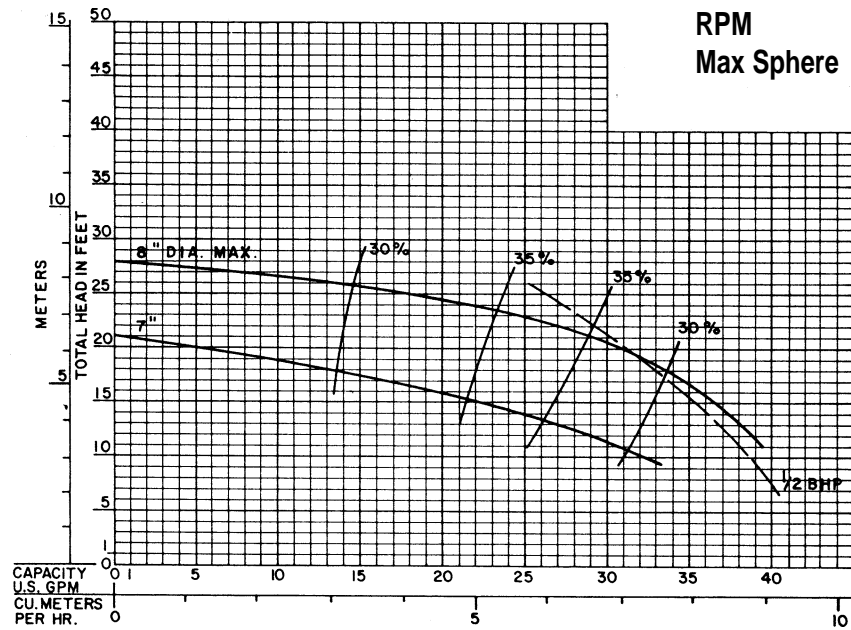
VERTIFLO PUMP COMPANY Performance Curves

Curve AS-1610



Series 1300 / 1400
 Size 1 1/2 X 1 X 8
 RPM 1750
 Max Sphere 1/4

Curve BS-1610



Series 1300 / 1400
 Size 1 1/2 X 1 X 8
 RPM 1150
 Max Sphere 1/4

1300

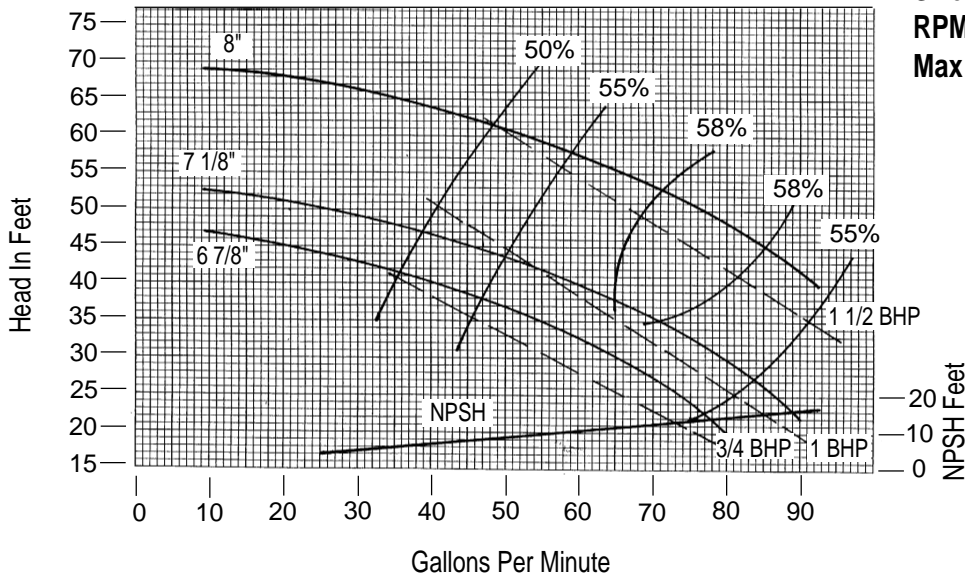
Performance at Casing Discharge Flange
 Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____
 PROJECT _____
 ENGINEER _____
 CONTRACTOR _____
 CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

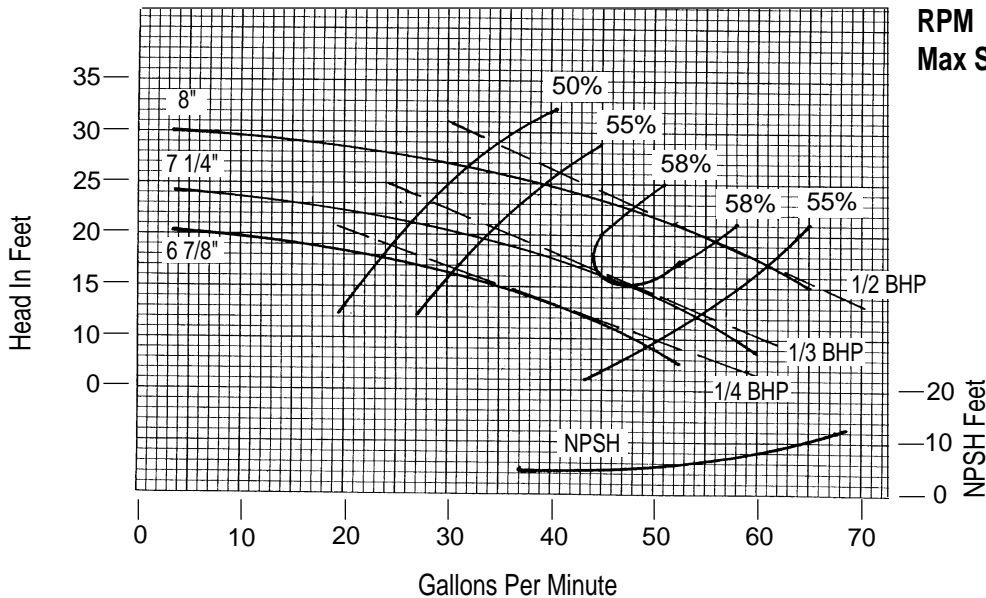
Curve AS-1612

Series 1300 / 1400
 Size 1 1/2 X 1 1/4 X 8
 RPM 1750
 Max Sphere 5/16



Curve BS-1612

Series 1300 / 1400
 Size 1 1/2 X 1 1/4 X 8
 RPM 1150
 Max Sphere 5/16



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

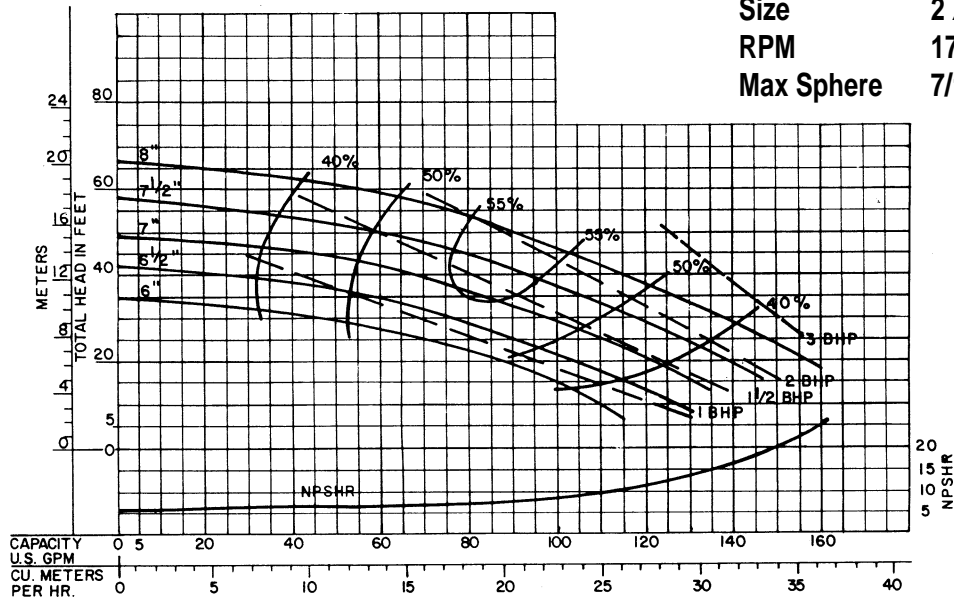
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

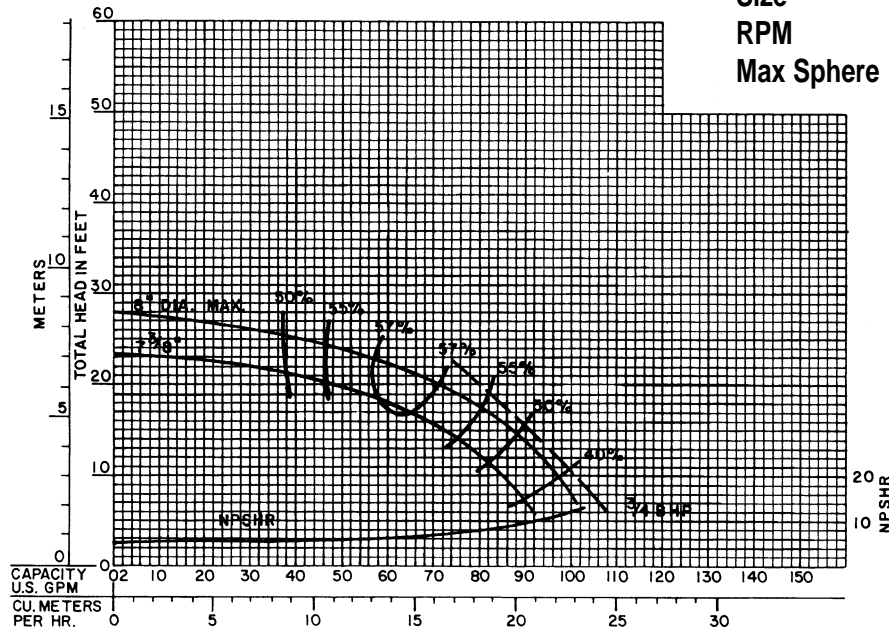
Curve BS-1615

Series 1300 / 1400
 Size 2 X 1 1/2 X 8
 RPM 1750
 Max Sphere 7/16



Curve CS-1615

Series 1300 / 1400
 Size 2 X 1 1/2 X 8
 RPM 1150
 Max Sphere 7/16



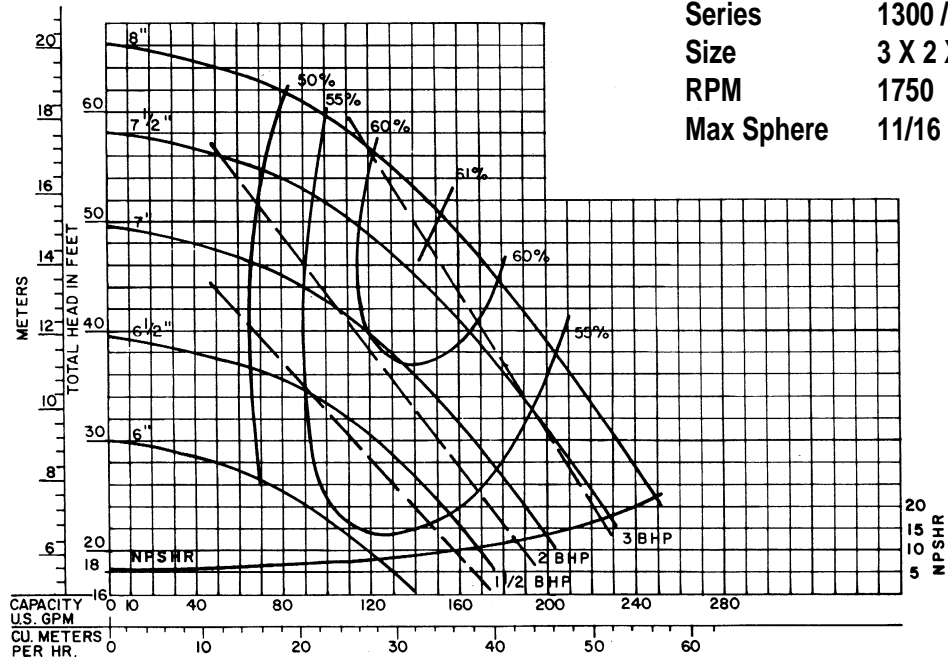
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Performance at Casing Discharge Flange
 Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

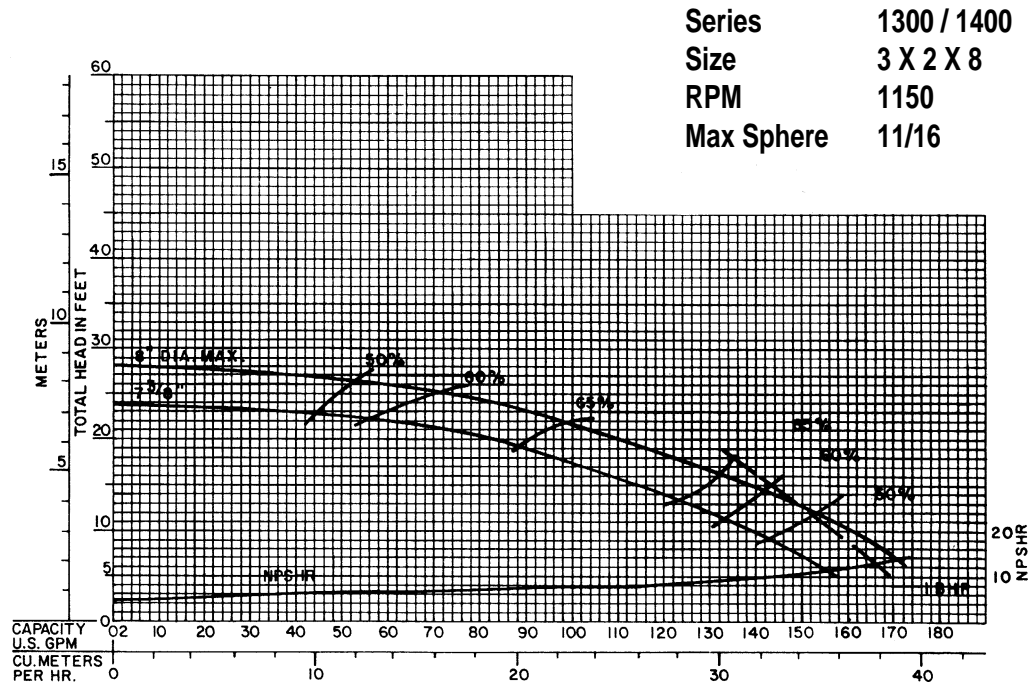
CUSTOMER _____ CUSTOMER NO. _____
 PROJECT _____
 ENGINEER _____
 CONTRACTOR _____
 CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

Curve CS-1620



Curve DS-1620



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

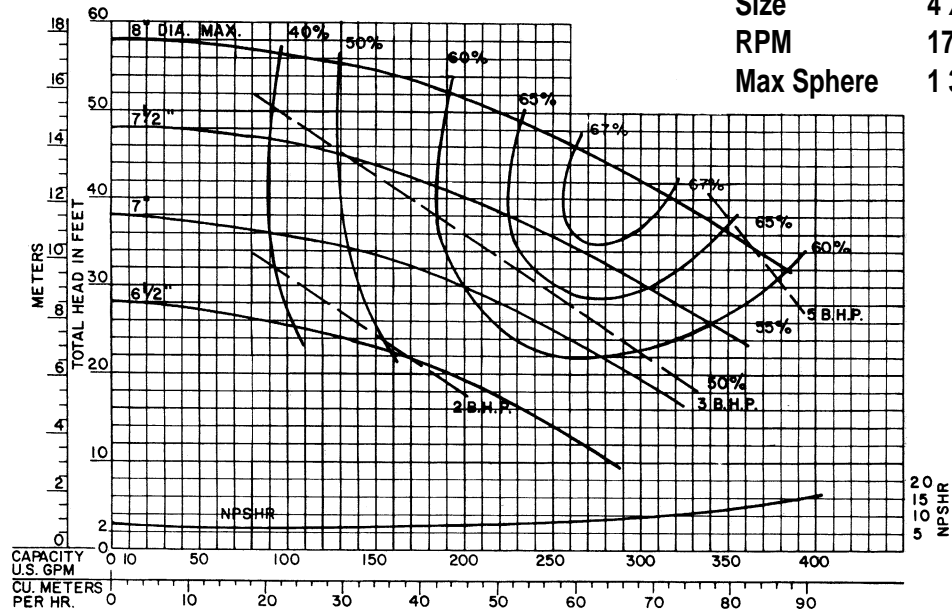
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

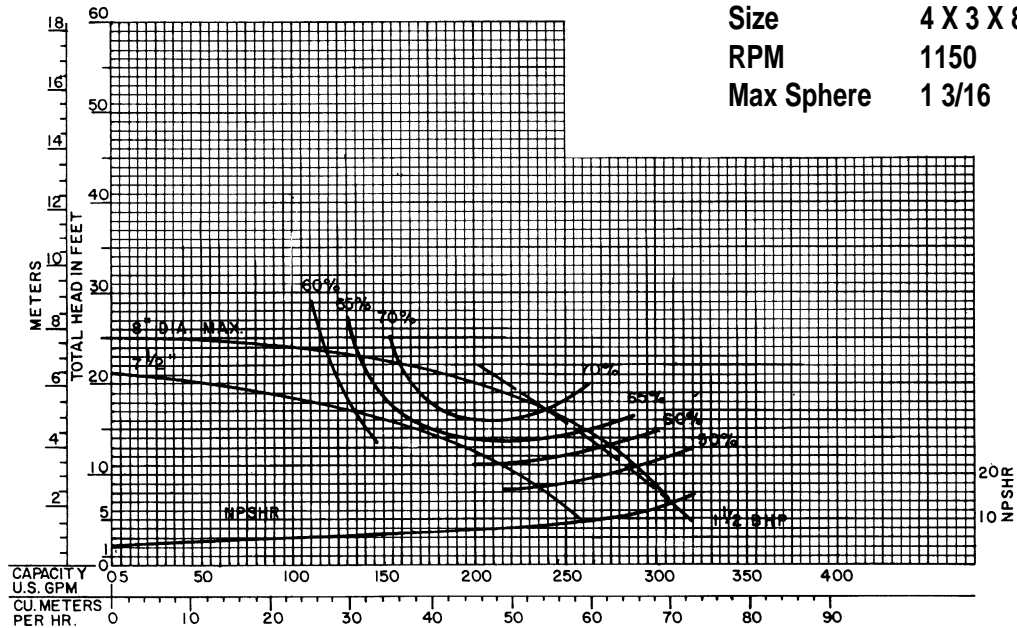
Curve CS-1630

Series 1300 / 1400
 Size 4 X 3 X 8
 RPM 1750
 Max Sphere 1 3/16



Curve DS-1630

Series 1300 / 1400
 Size 4 X 3 X 8
 RPM 1150
 Max Sphere 1 3/16



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

CONTRACTOR _____

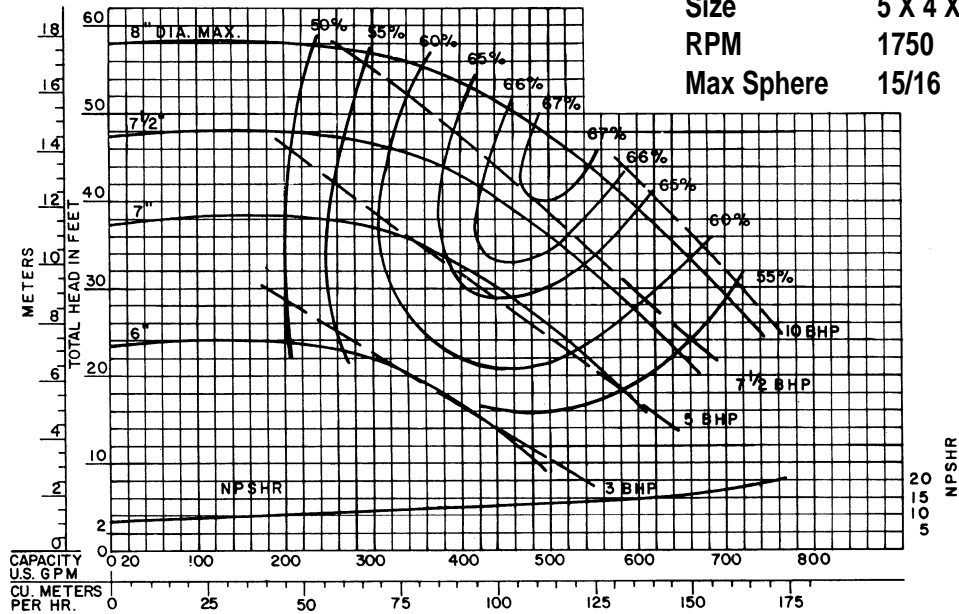
CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

1300

VERTIFLO PUMP COMPANY Performance Curves

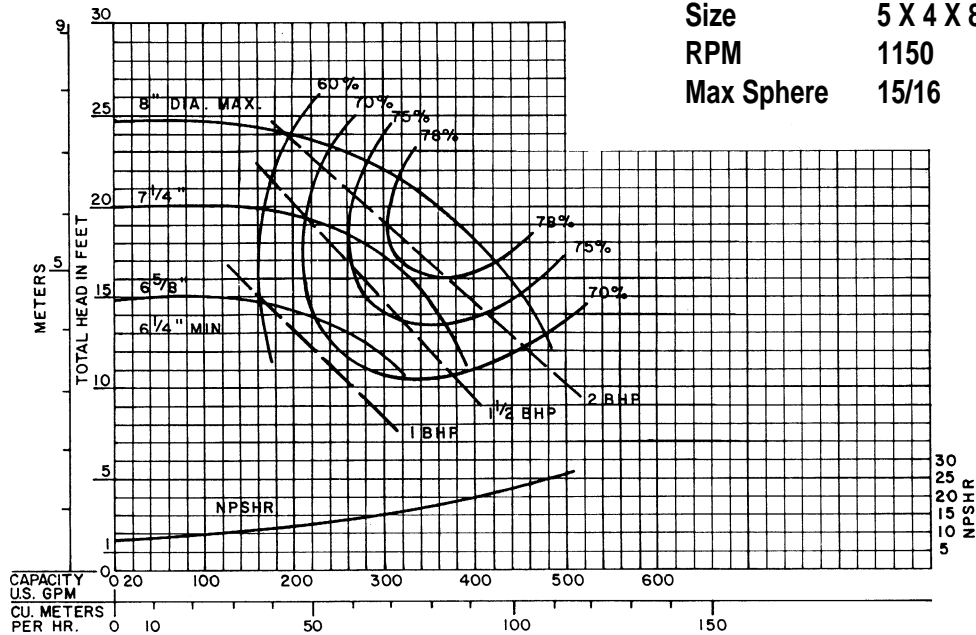
Curve ES-1640

Series 1300 / 1400
 Size 5 X 4 X 8
 RPM 1750
 Max Sphere 15/16



Curve DS-1640

Series 1300 / 1400
 Size 5 X 4 X 8
 RPM 1150
 Max Sphere 15/16



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

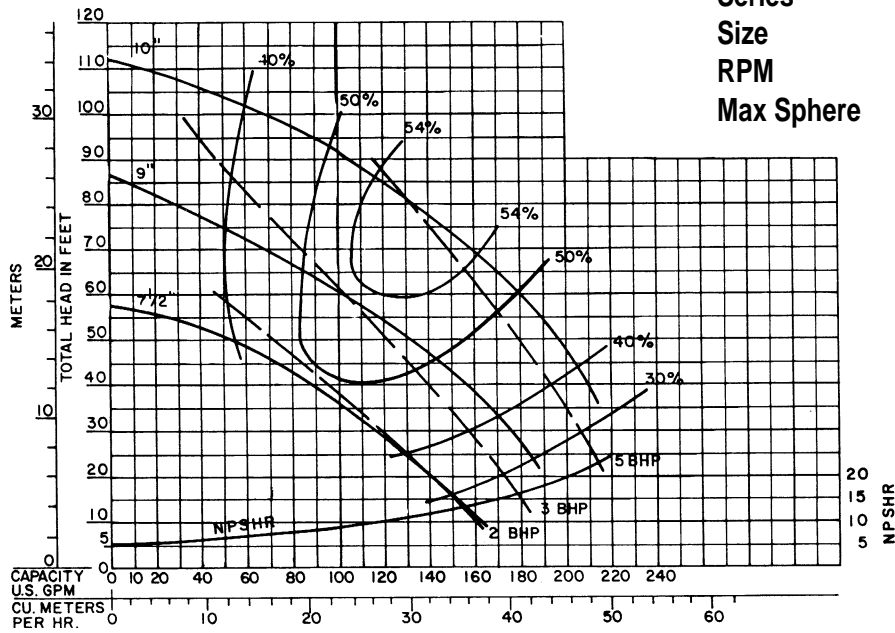
ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

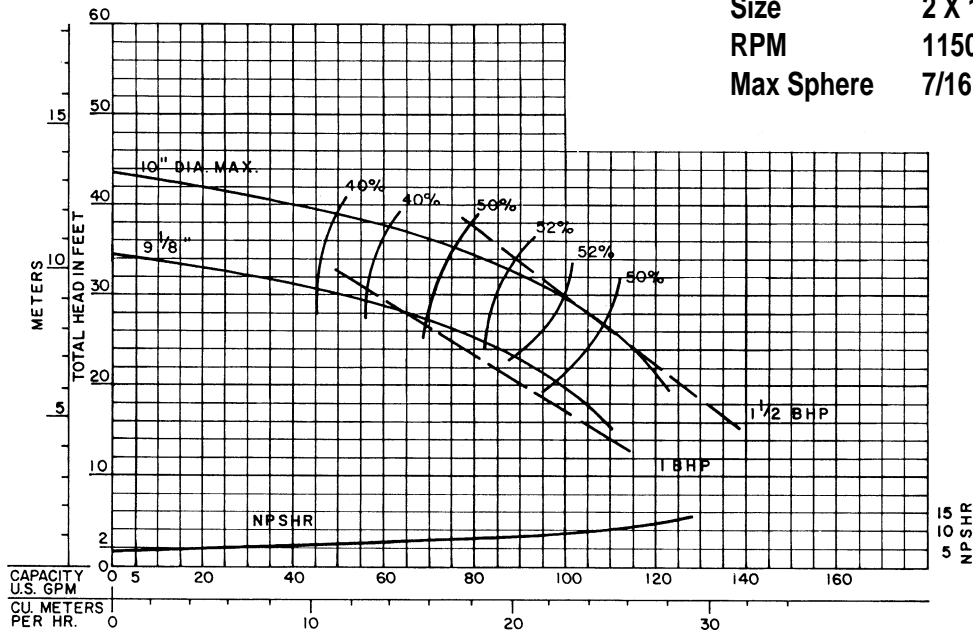
VERTIFLO PUMP COMPANY Performance Curves

Curve SM-1915



Series 1300 / 1400
 Size 2 X 1 1/2 X 10
 RPM 1750
 Max Sphere 7/16

Curve TM-1915



Series 1300 / 1400
 Size 2 X 1 1/2 X 10
 RPM 1150
 Max Sphere 7/16

1300

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

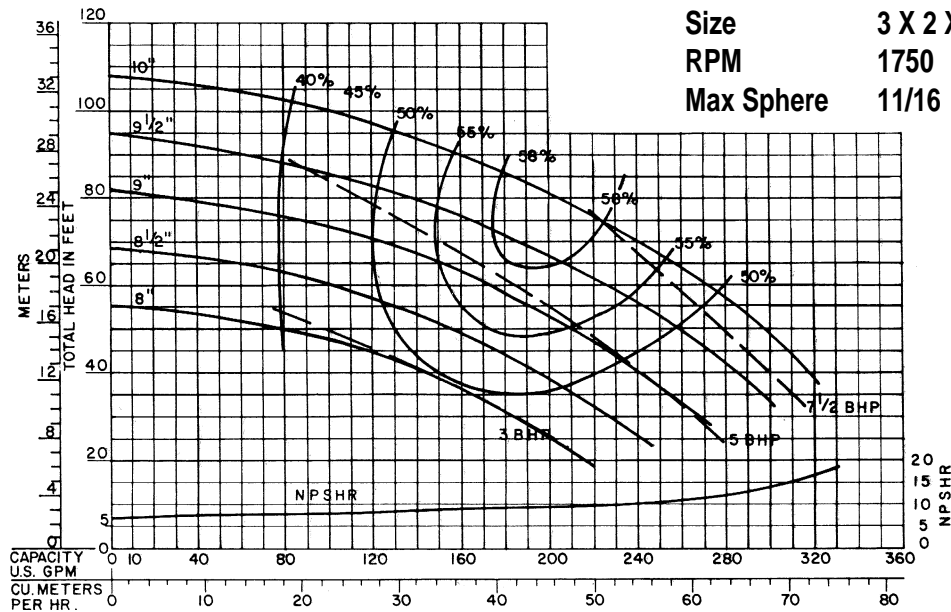
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

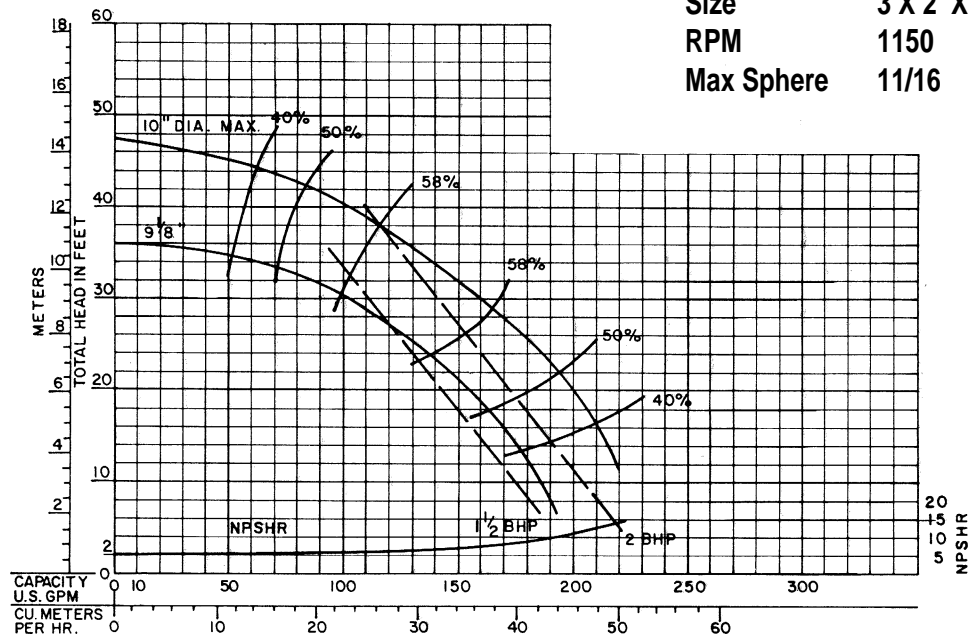
Curve JM-1720

Series 1300 / 1400
 Size 3 X 2 X 10
 RPM 1750
 Max Sphere 11/16



Curve KM-1720

Series 1300 / 1400
 Size 3 X 2 X 10
 RPM 1150
 Max Sphere 11/16



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

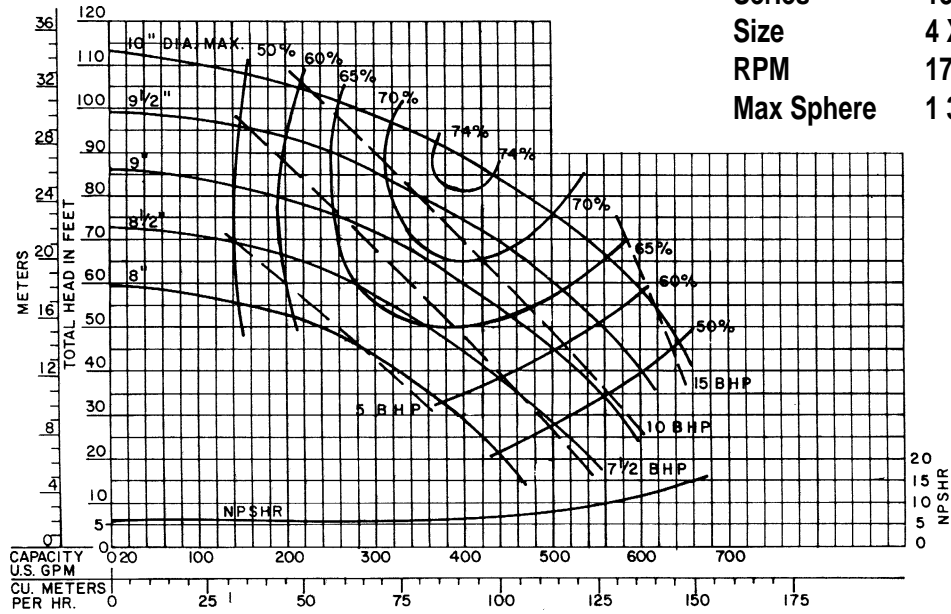
ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

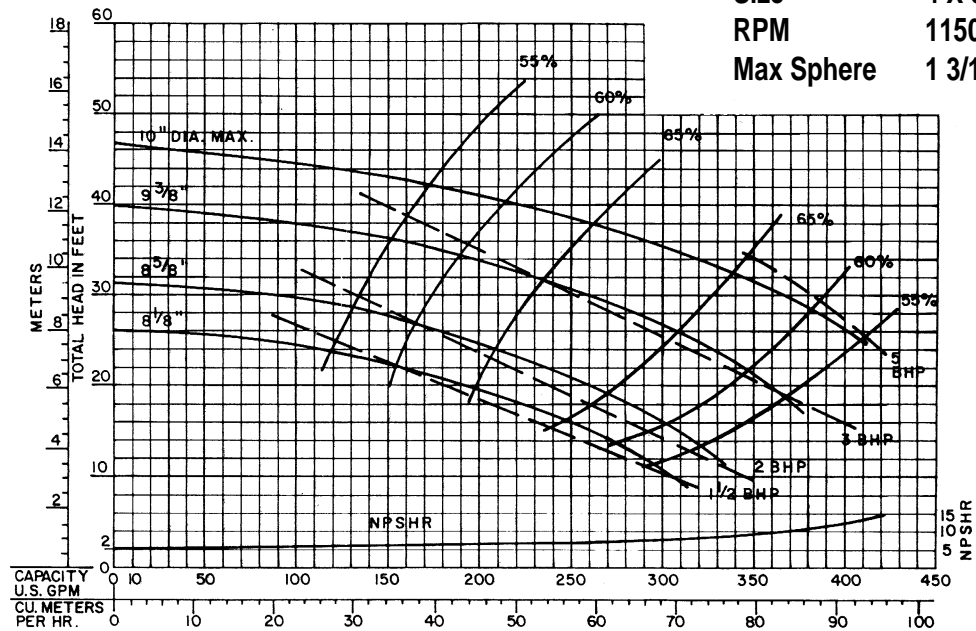
VERTIFLO PUMP COMPANY Performance Curves

Curve RM-1730



Series 1300 / 1400
 Size 4 X 3 X 10
 RPM 1750
 Max Sphere 1 3/16

Curve SM-1730



Series 1300 / 1400
 Size 4 X 3 X 10
 RPM 1150
 Max Sphere 1 3/16

1300

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

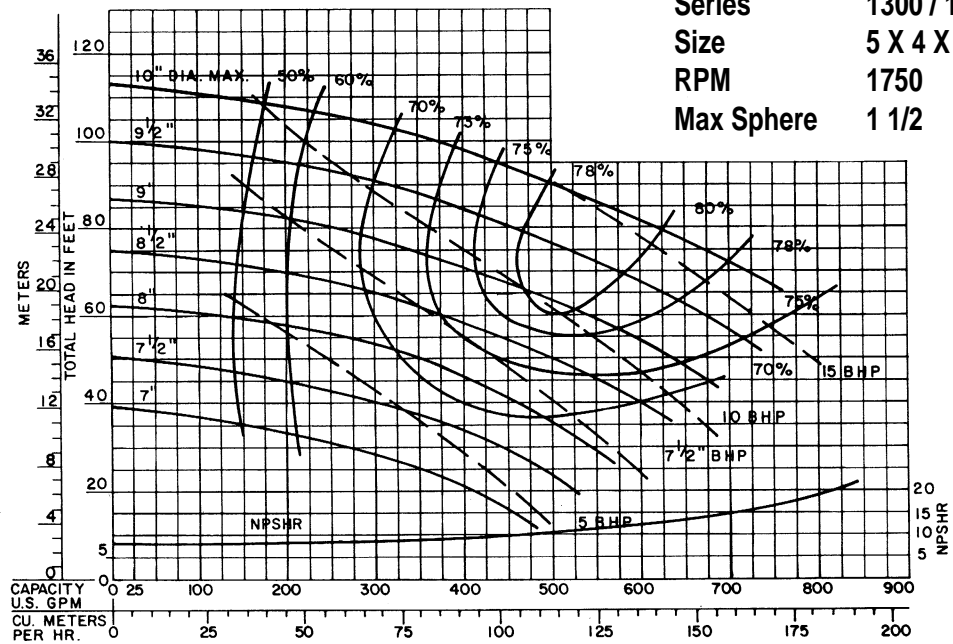
ENGINEER _____

CONTRACTOR _____

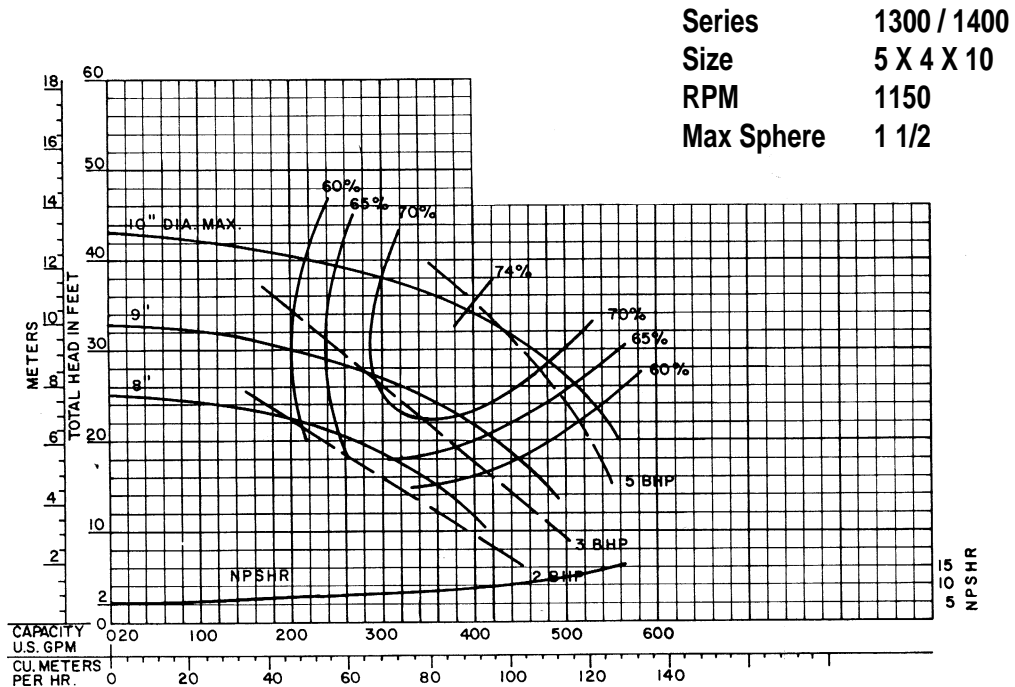
CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

Curve TM-1740



Curve UM-1740



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

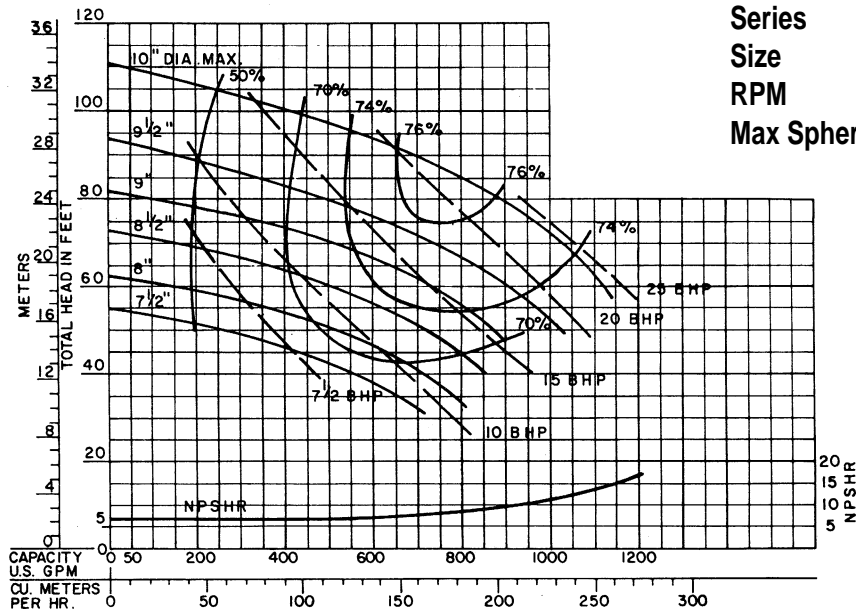
ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

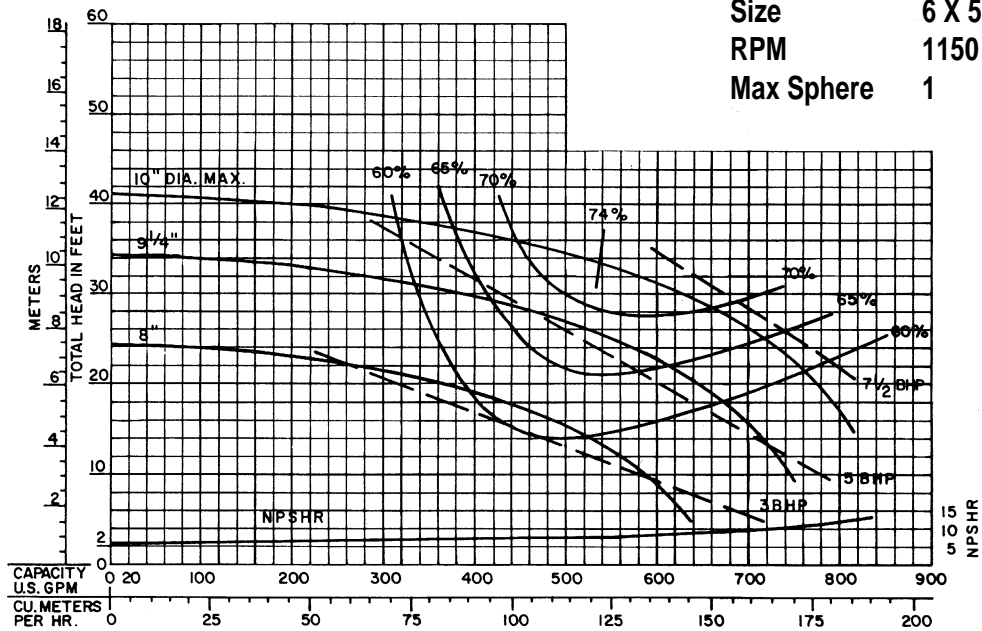
VERTIFLO PUMP COMPANY Performance Curves

Curve UM-1750



Series 1300 / 1400
 Size 6 X 5 X 10
 RPM 1750
 Max Sphere 1

Curve VM-1750



Series 1300 / 1400
 Size 6 X 5 X 10
 RPM 1150
 Max Sphere 1

1300

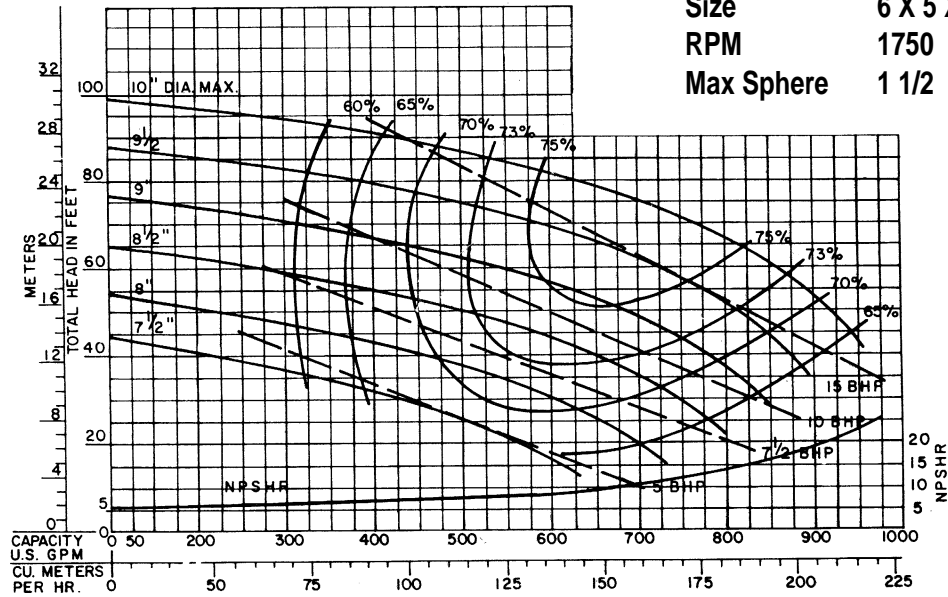
Performance at Casing Discharge Flange
 Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____
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 CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

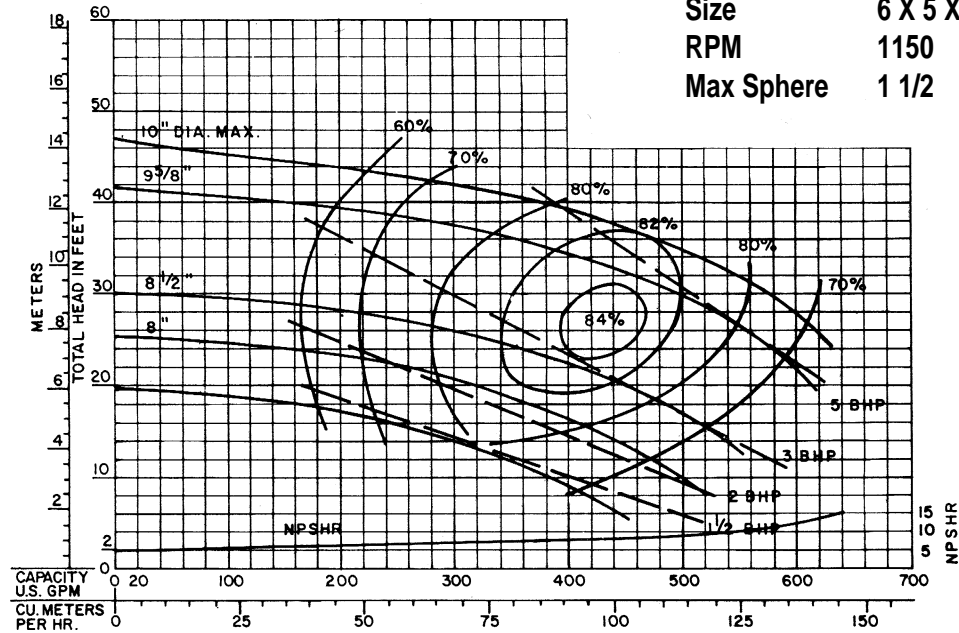
Curve SM-1750

Series 1300 / 1400
 Size 6 X 5 X 10A
 RPM 1750
 Max Sphere 1 1/2



Curve SM-1850

Series 1300 / 1400
 Size 6 X 5 X 10A
 RPM 1150
 Max Sphere 1 1/2



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

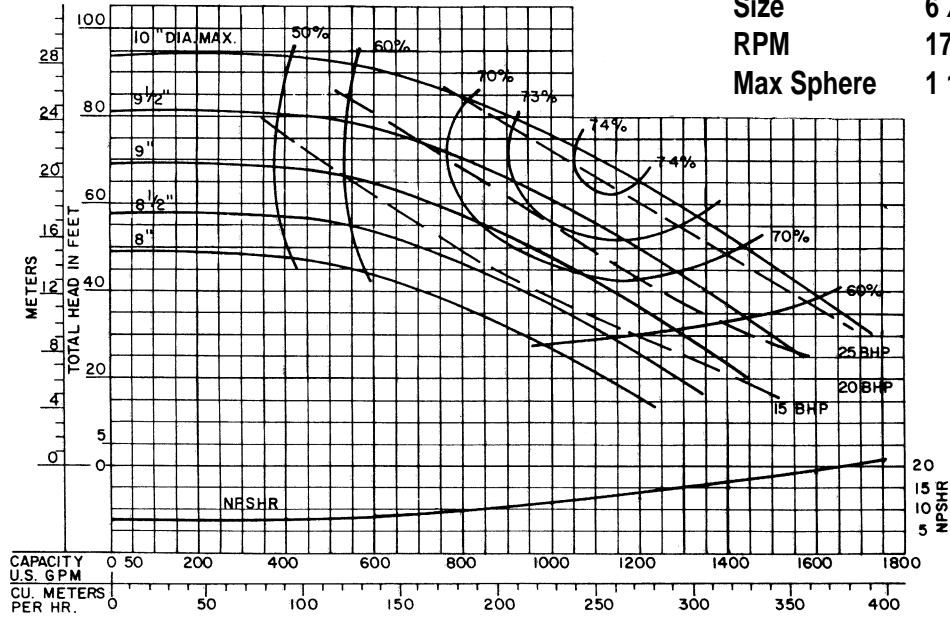
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

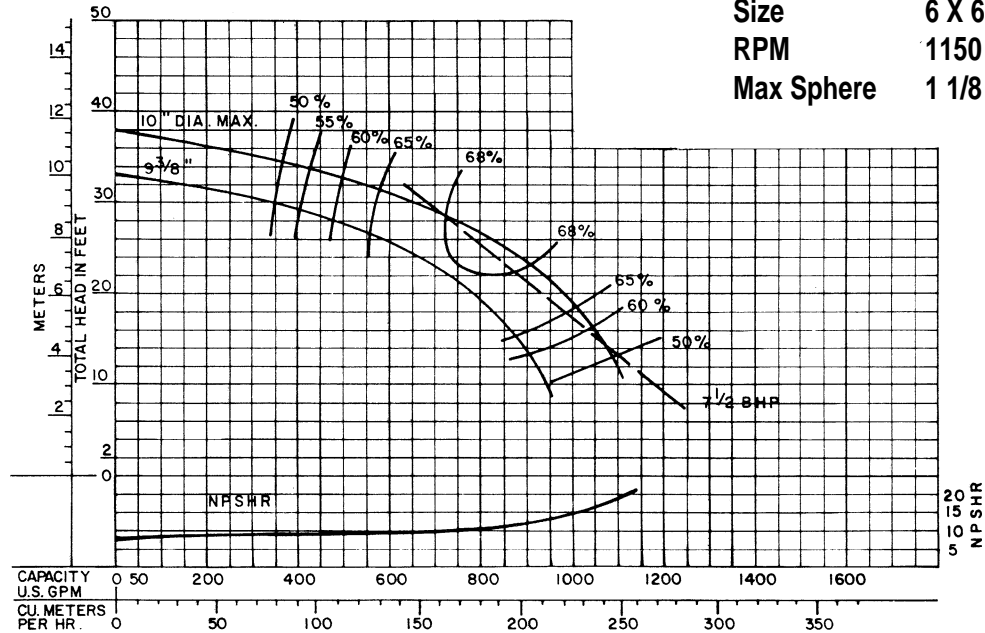
Curve TM-1760

Series 1300 / 1400
 Size 6 X 6 X 10
 RPM 1750
 Max Sphere 1 1/8



Curve UM-1760

Series 1300 / 1400
 Size 6 X 6 X 10
 RPM 1150
 Max Sphere 1 1/8



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

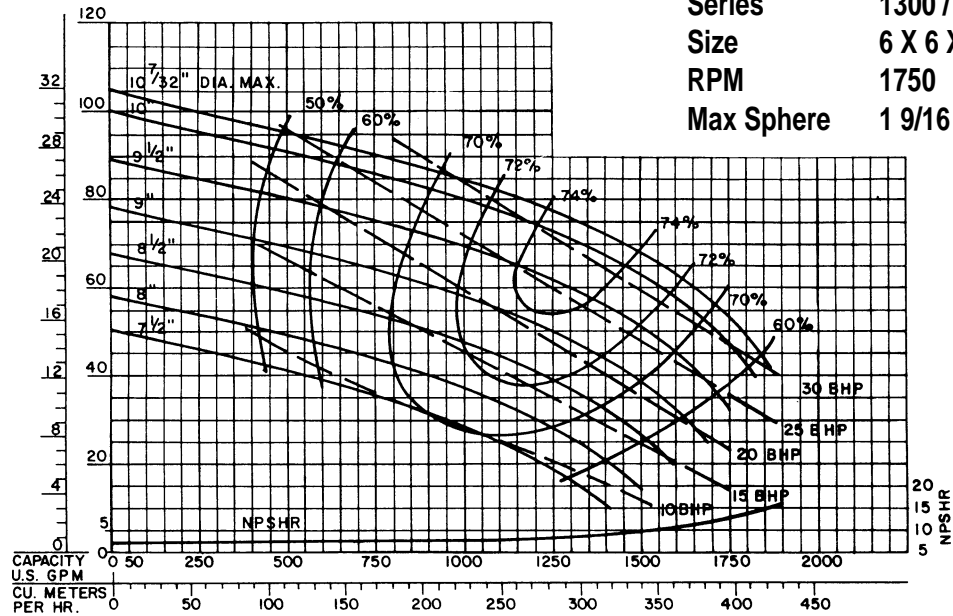
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CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

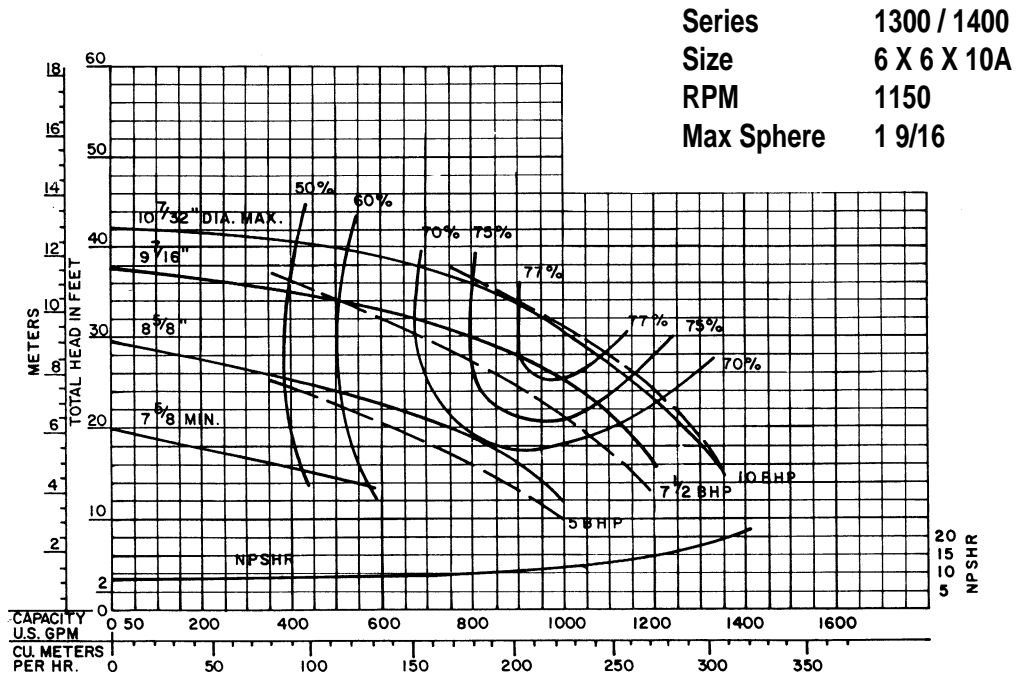
1300

VERTIFLO PUMP COMPANY Performance Curves

Curve LM-1760



Curve LM-1860



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

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ENGINEER _____

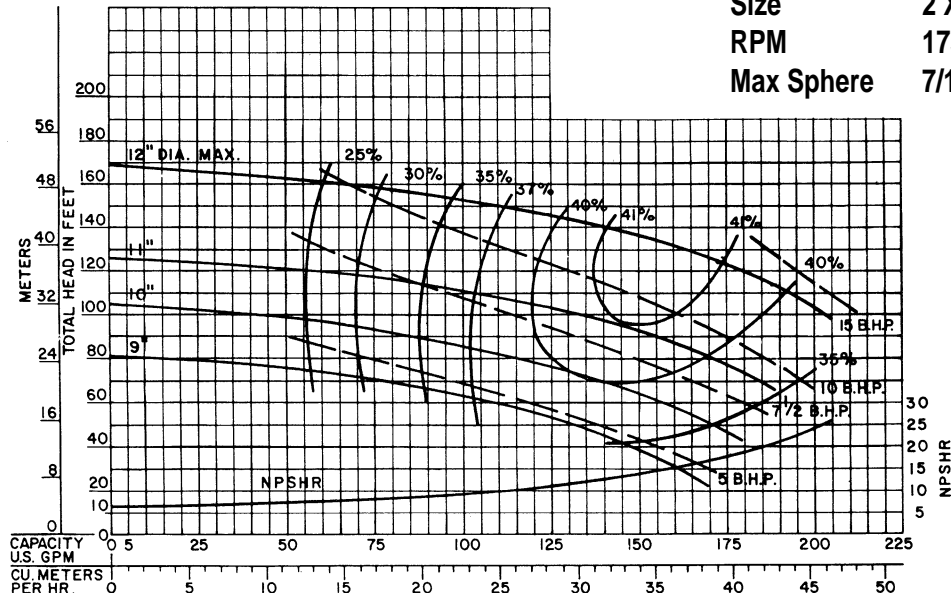
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

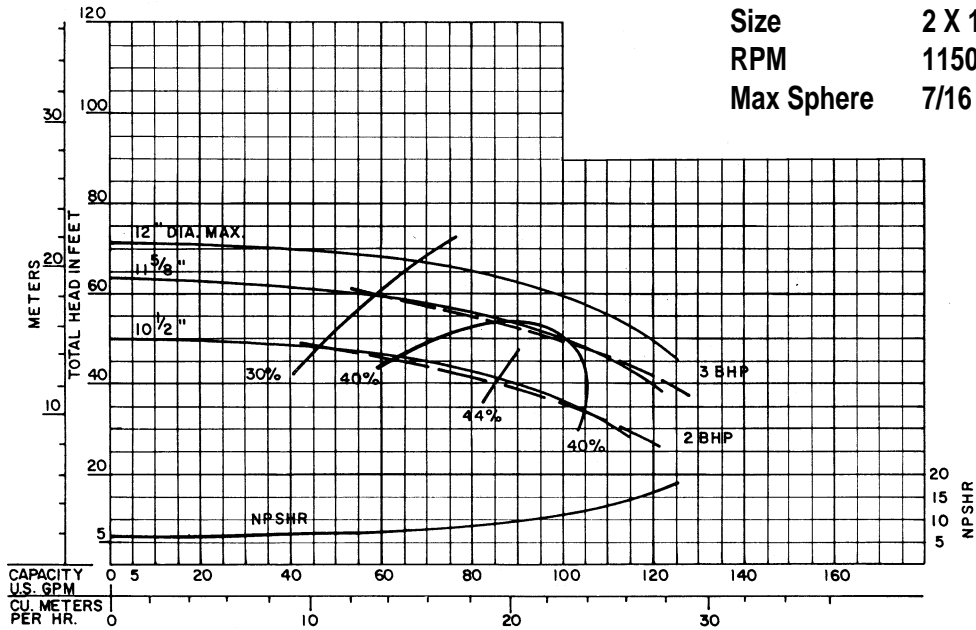
Curve KL-1915

Series 1300 / 1400
 Size 2 X 1 1/2 X 12
 RPM 1750
 Max Sphere 7/16



Curve LL-1915

Series 1300 / 1400
 Size 2 X 1 1/2 X 12
 RPM 1150
 Max Sphere 7/16



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

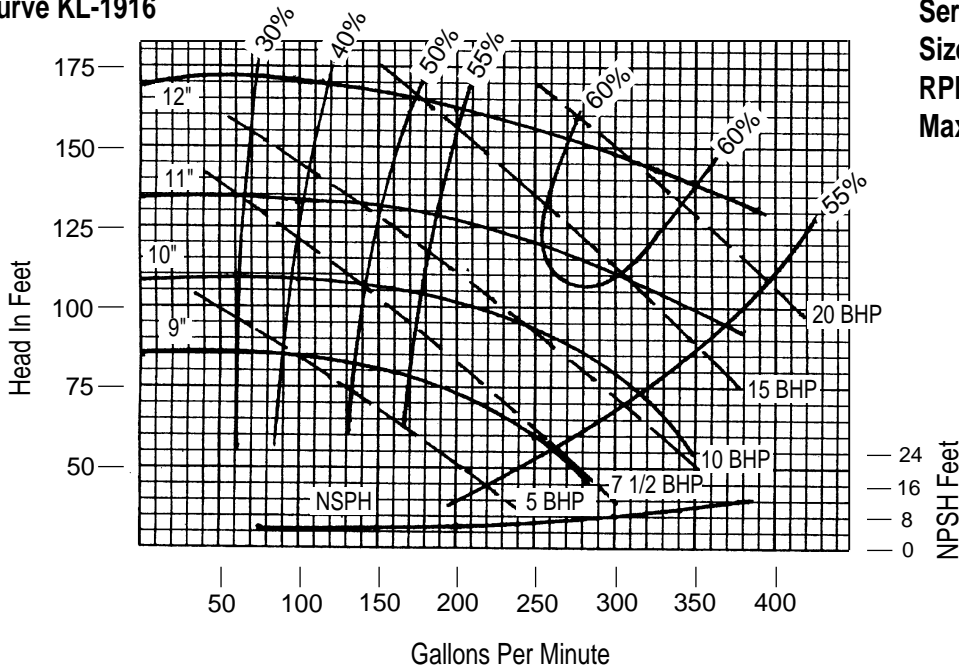
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

1300

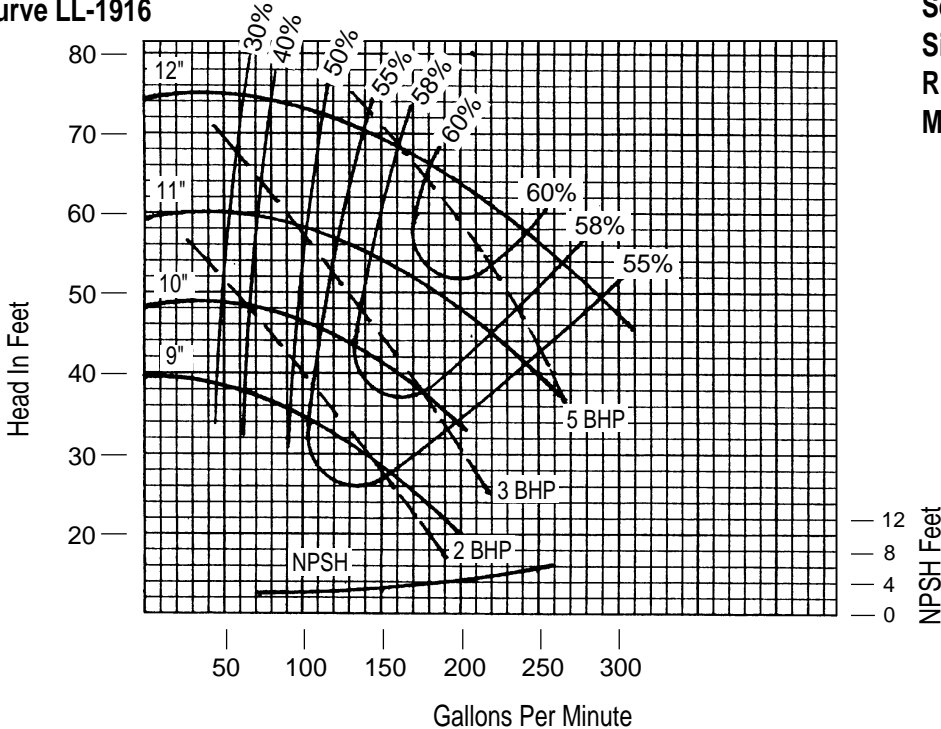
VERTIFLO PUMP COMPANY Performance Curves

Curve KL-1916



Series 1300/1400
 Size 3 X 2 X 12
 RPM 1750
 Max Sphere 3/4

Curve LL-1916



Series 1300/1400
 Size 3 X 2 X 12
 RPM 1150
 Max Sphere 3/4

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

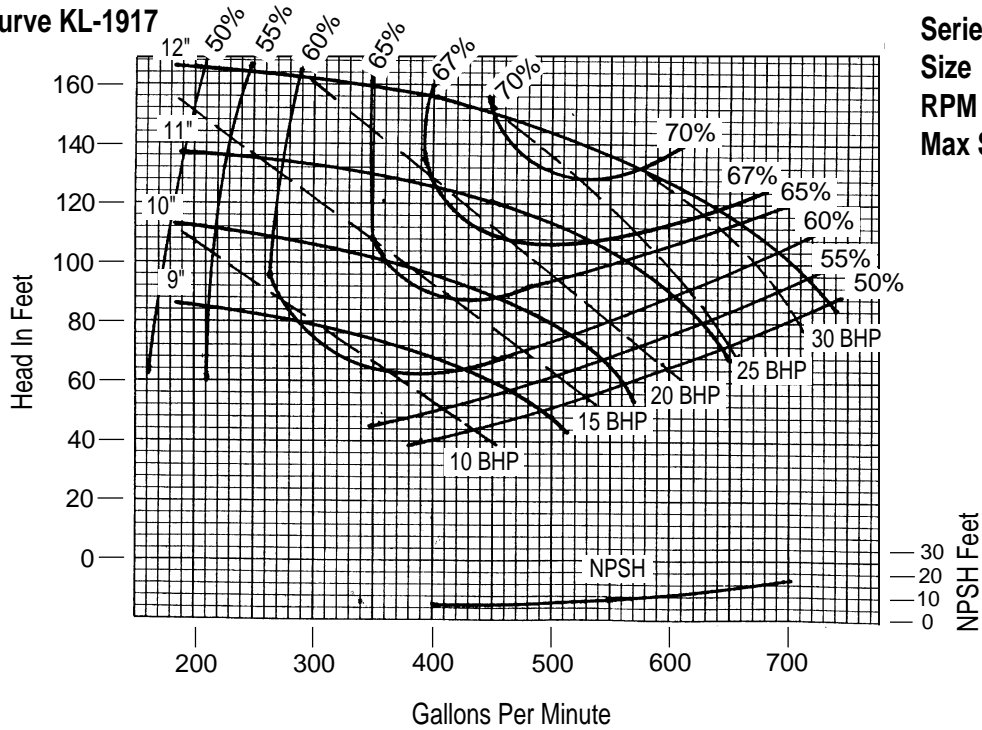
ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

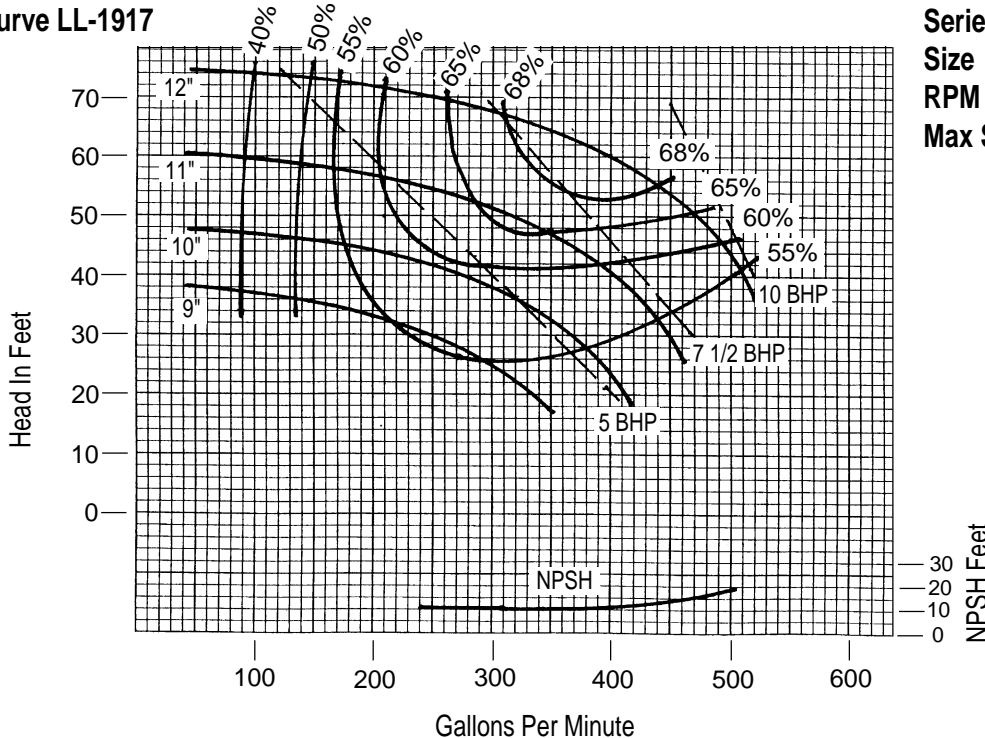
VERTIFLO PUMP COMPANY Performance Curves

Curve KL-1917



Series 1300 / 1400
Size 4 X 3 X 12
RPM 1750
Max Sphere 1 1/4

Curve LL-1917



Series 1300 / 1400
Size 4 X 3 X 12
RPM 1150
Max Sphere 1 1/4

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

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PROJECT _____

ENGINEER _____

CONTRACTOR _____

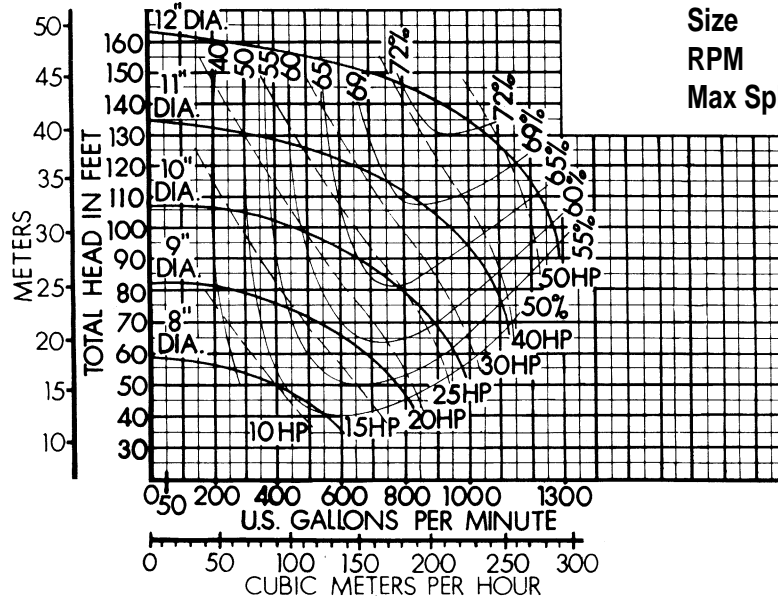
CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

1300

VERTIFLO PUMP COMPANY Performance Curves

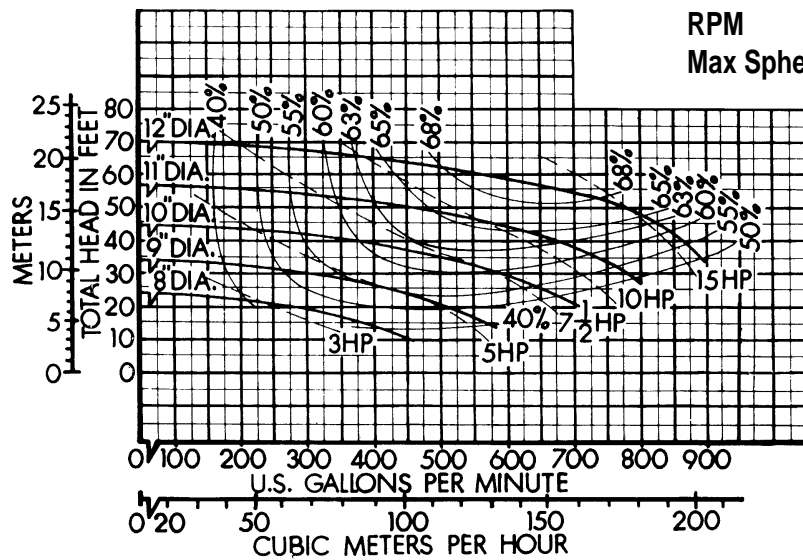
Curve 64124

Series 1300 / 1400
 Size 6 X 4 X 12
 RPM 1750
 Max Sphere 1 1/2



Curve 64126

Series 1300 / 1400
 Size 6 X 4 X 12
 RPM 1150
 Max Sphere 1 1/2



Performance at Casing Discharge Flange

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CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

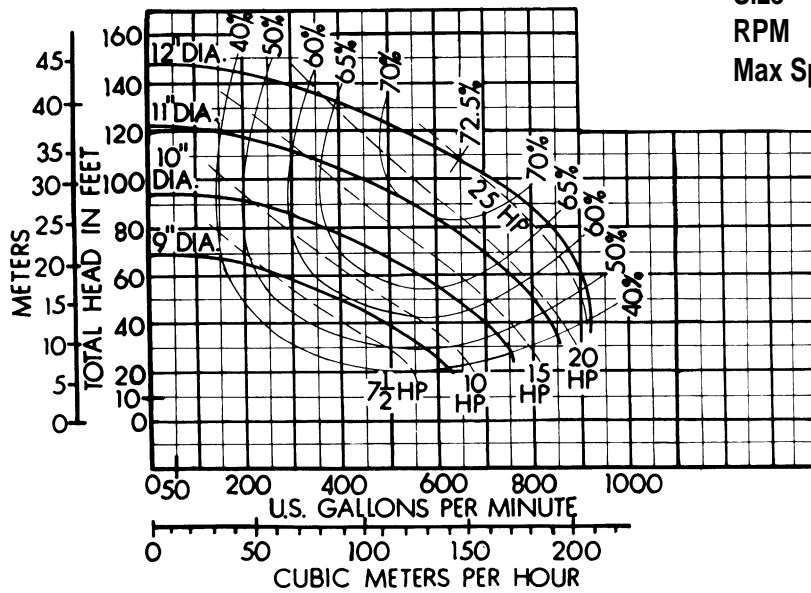
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

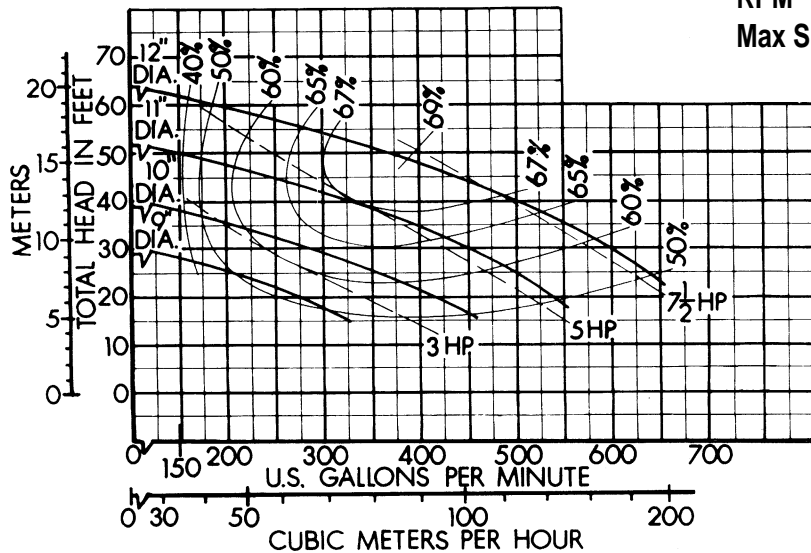
Curve 6412A4

Series 1300 / 1400
 Size 6 X 4 X 12A
 RPM 1750
 Max Sphere 1 1/8



Curve 6412A6

Series 1300 / 1400
 Size 6 X 4 X 12A
 RPM 1150
 Max Sphere 1 1/8



1300

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 Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

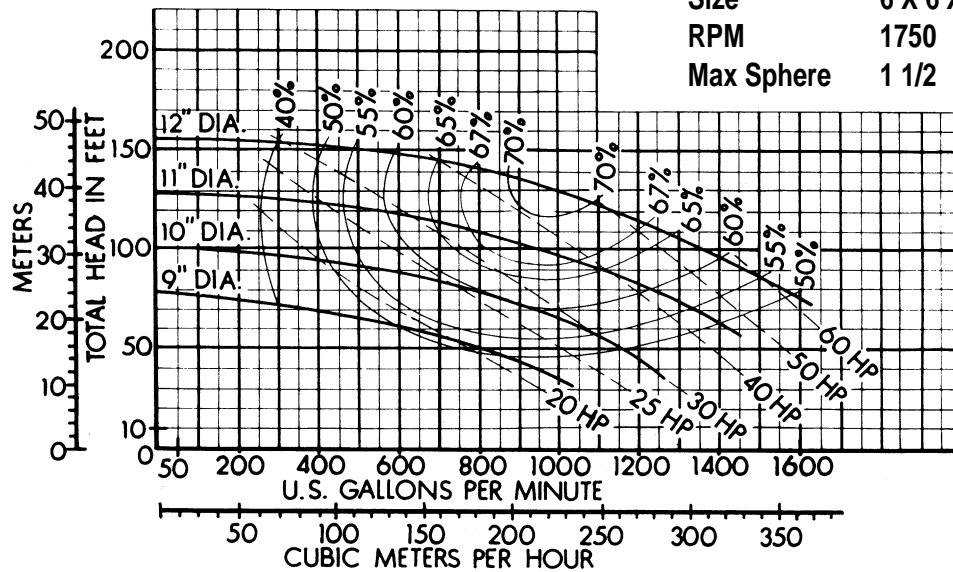
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

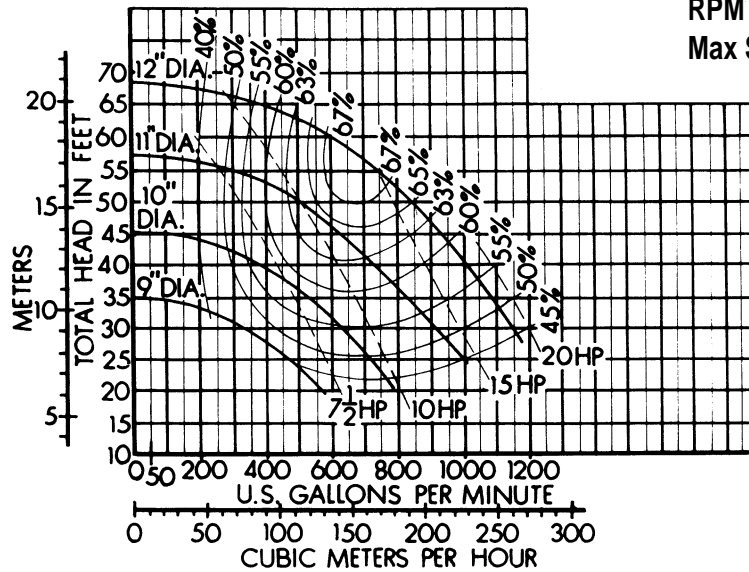
Curve 66124

Series 1300 / 1400
 Size 6 X 6 X 12
 RPM 1750
 Max Sphere 1 1/2



Curve 66126

Series 1300 / 1400
 Size 6 X 6 X 12
 RPM 1150
 Max Sphere 1 1/2



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CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

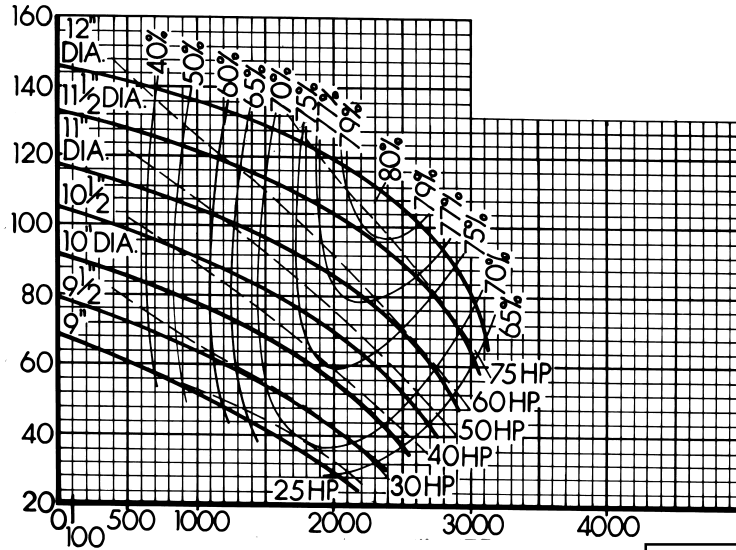
ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY

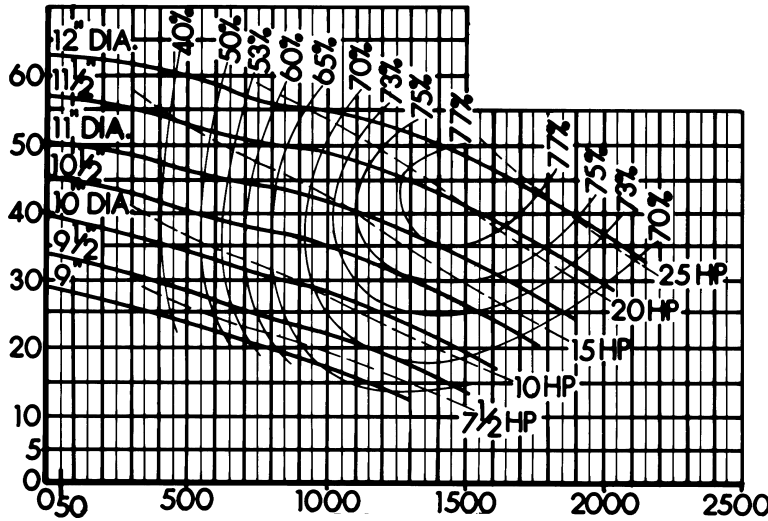
Curve 88124



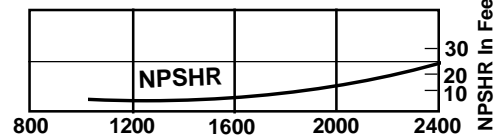
Series 1300 / 1400
 Size 8 X 8 X 12
 RPM 1750
 Max Sphere 1 1/2



Curve 88126



Series 1300 / 1400
 Size 8 X 8 X 12
 RPM 1150
 Max Sphere 1 1/2



1300

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

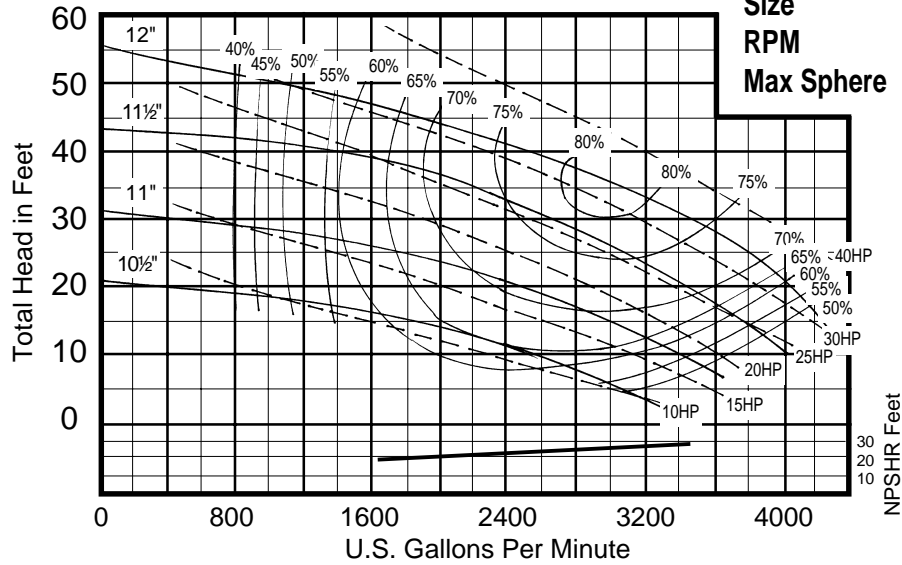
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY

Curve 101012

Series 1300 / 1400
 Size 10 X 10 X 12
 RPM 1750
 Max Sphere 1 1/2



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

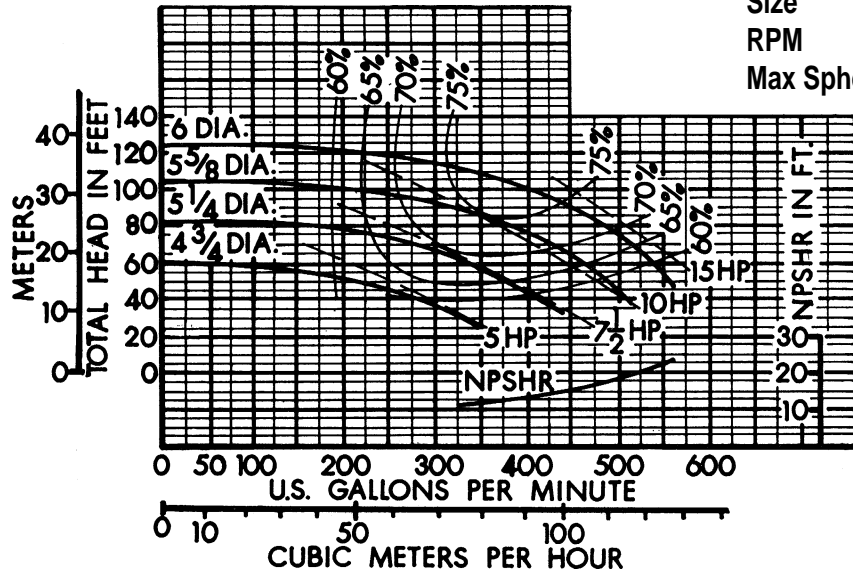
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

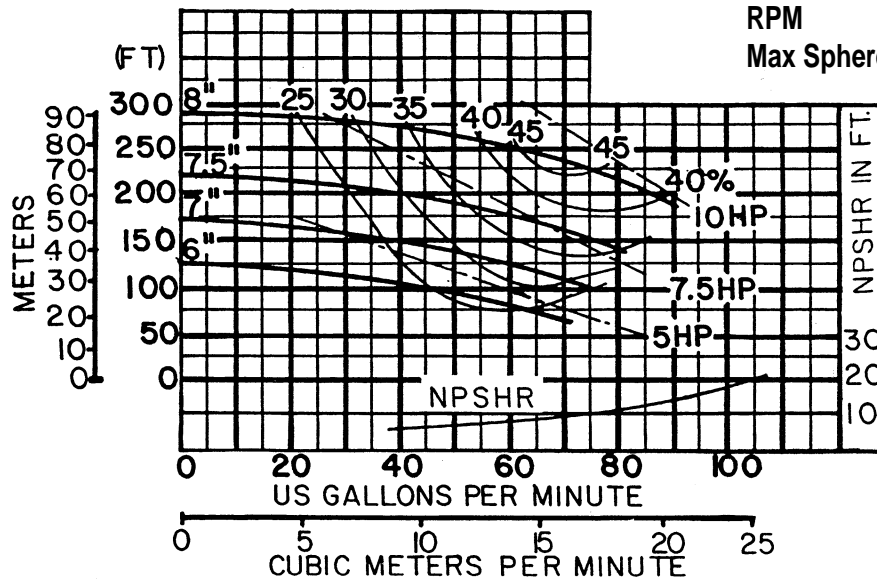
Curve 3272

Series 1300 / 1400
 Size 3 X 2 1/2 X 7
 RPM 3500
 Max Sphere 1



Curve 11082

Series 1300 / 1400
 Size 1 1/2 X 1 X 8
 RPM 3500
 Max Sphere 1/4



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

CONTRACTOR _____

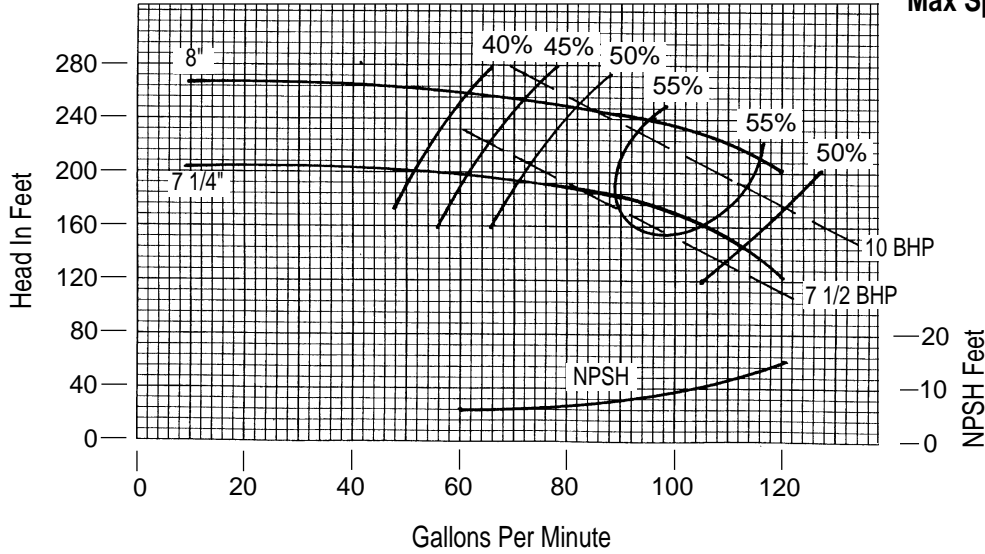
CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

1300

VERTIFLO PUMP COMPANY Performance Curves

Curve 11092

Series 1300 / 1400
 Size 1 1/2 X 1 1/4 X 8
 RPM 3500
 Max Sphere 5/16



Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

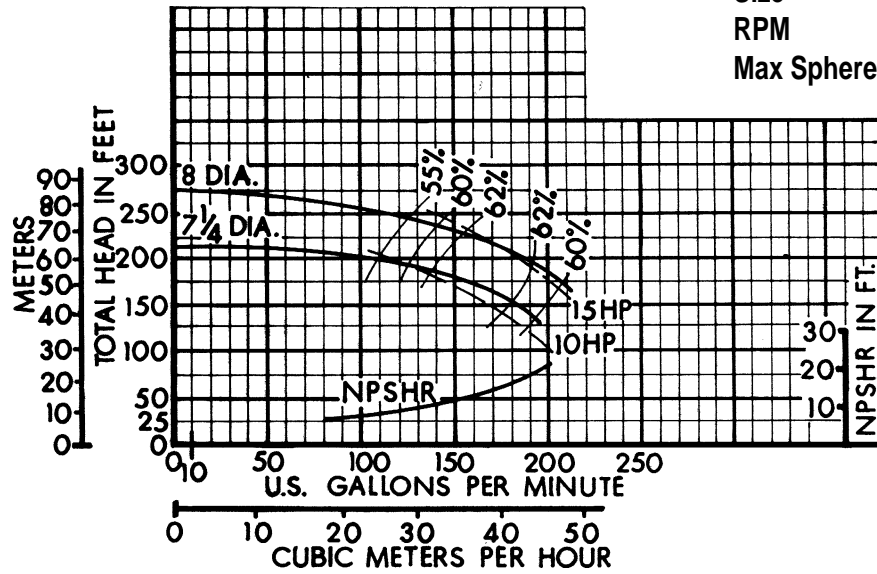
CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

VERTIFLO PUMP COMPANY Performance Curves

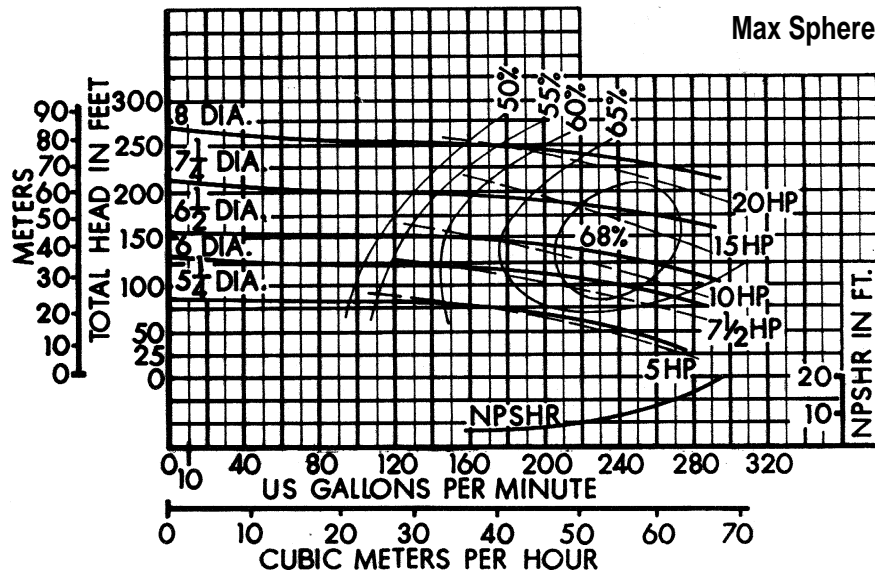
Curve 2182

Series 1300 / 1400
 Size 2 X 1 1/2 X 8
 RPM 3500
 Max Sphere 7/16



Curve 3282

Series 1300 / 1400
 Size 3 X 2 X 8
 RPM 3500
 Max Sphere 11/16



1300

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

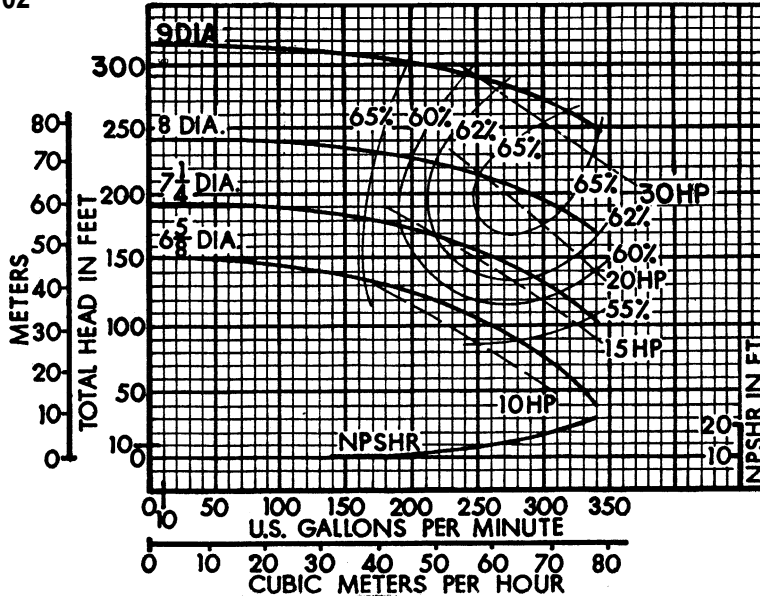
ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____

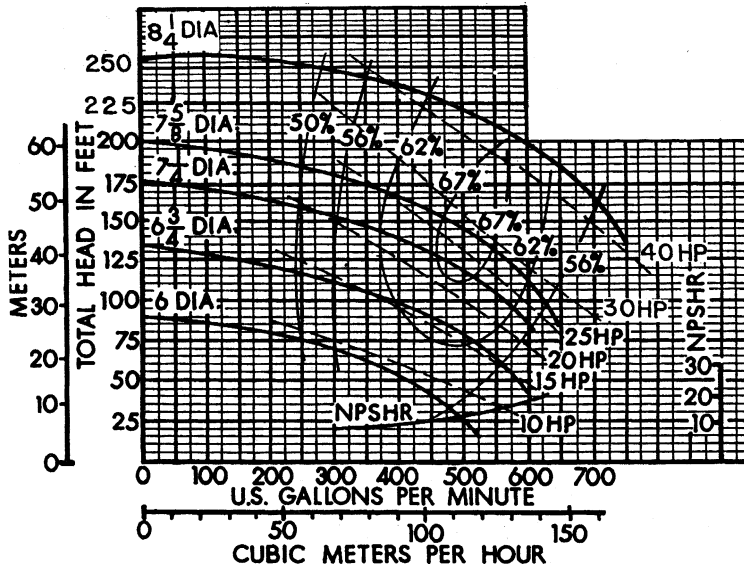
VERTIFLO PUMP COMPANY Performance Curves

Curve 32102



Series 1300 / 1400
 Size 3 X 2 X 10
 RPM 3500
 Max Sphere 11/16

Curve 11082



Series 1300 / 1400
 Size 4 X 3 X 10
 RPM 3500
 Max Sphere 1 3/16

Performance at Casing Discharge Flange

Curves Show Performance with Liquid Having Specific Gravity 1.0 Viscosity • 30 SSU

CUSTOMER _____ CUSTOMER NO. _____

PROJECT _____

ENGINEER _____

CONTRACTOR _____

CONDITIONS: _____ GPM _____ TDH _____ HP _____ EFF% _____ IMP. DIA _____