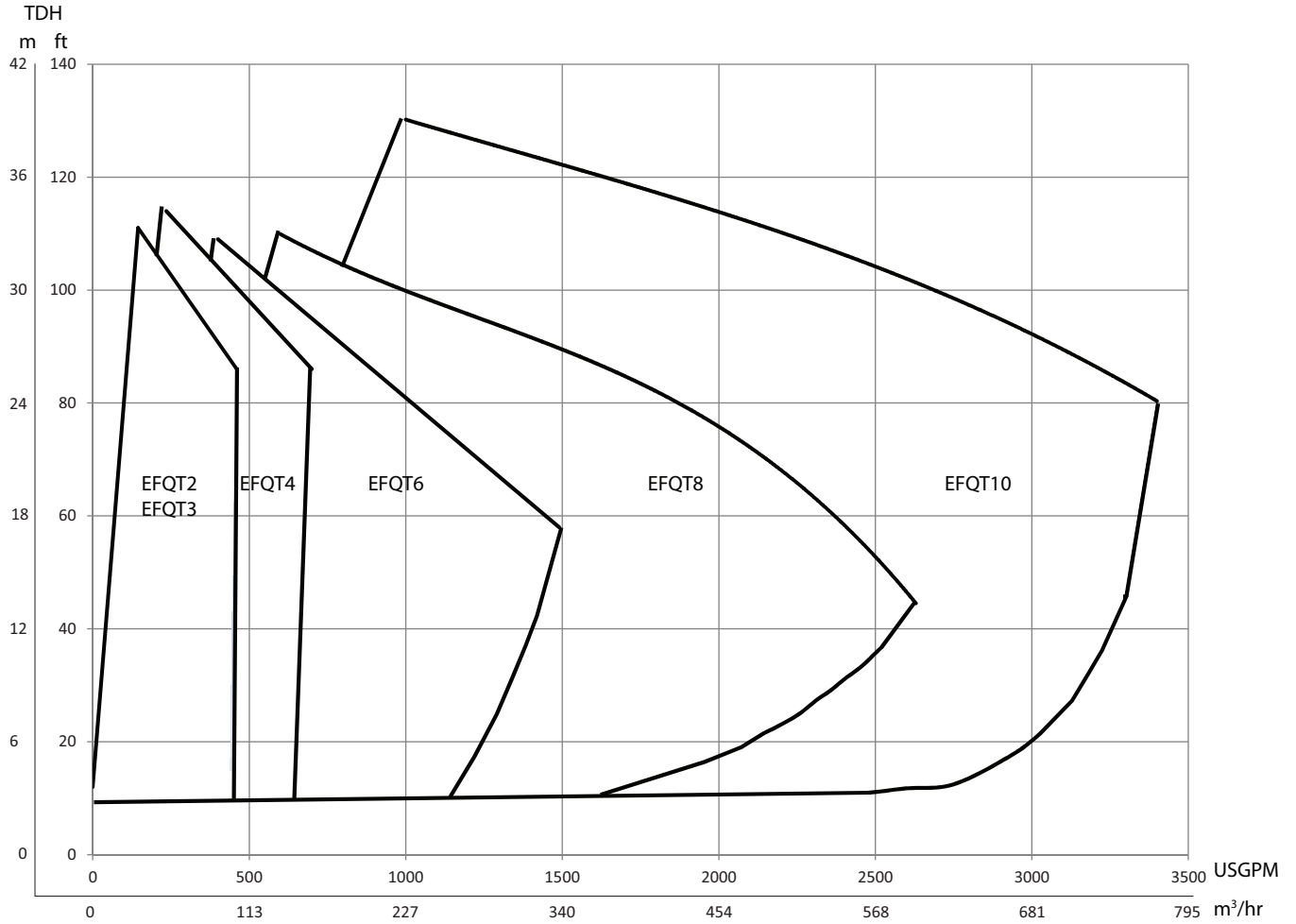


**Selection Chart - EFQT**

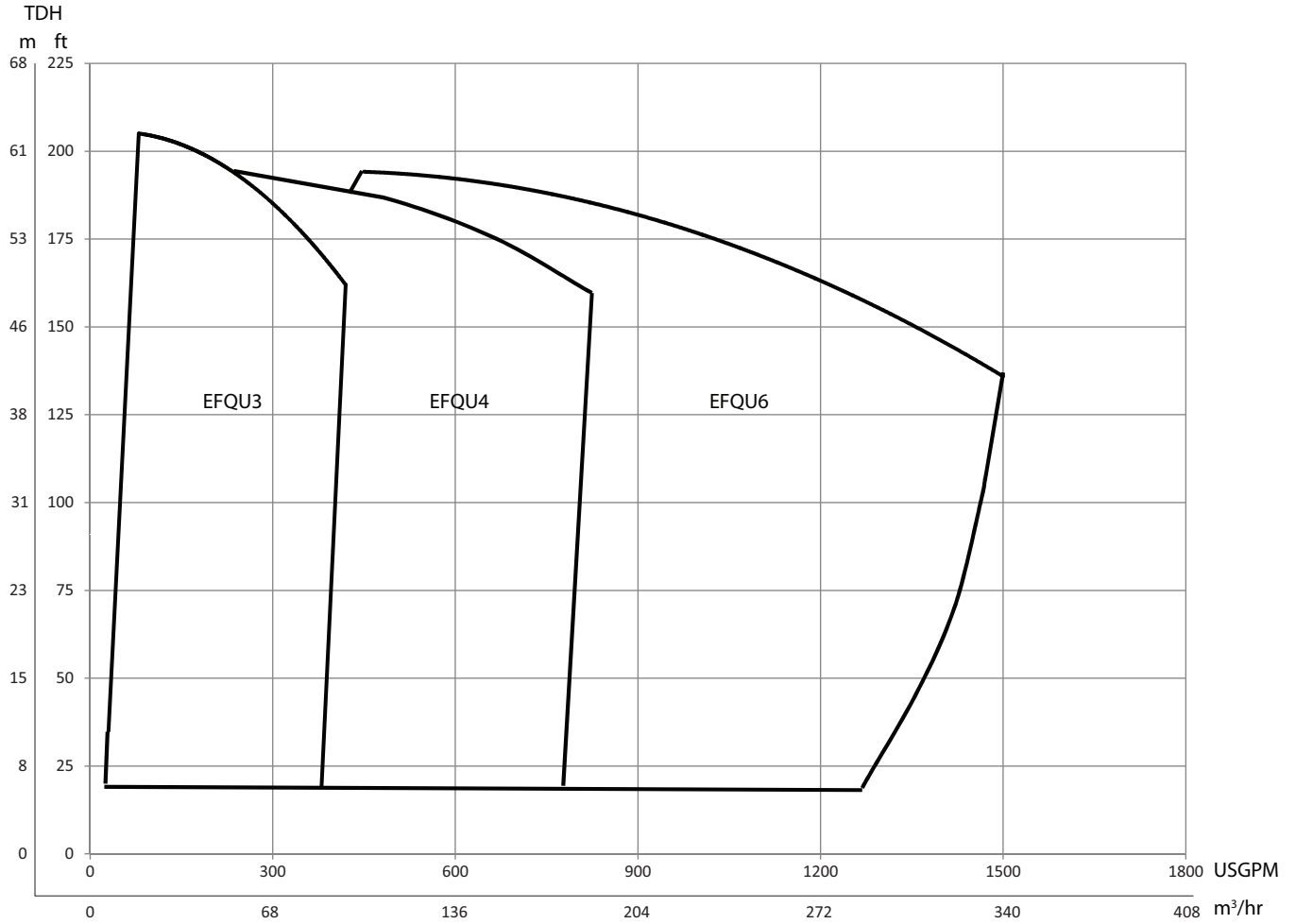
**Model EFQT**  
Selection chart



EFQT12 - Please consult Factory

Selection Chart - EFQU

Model EFQU  
Selection chart

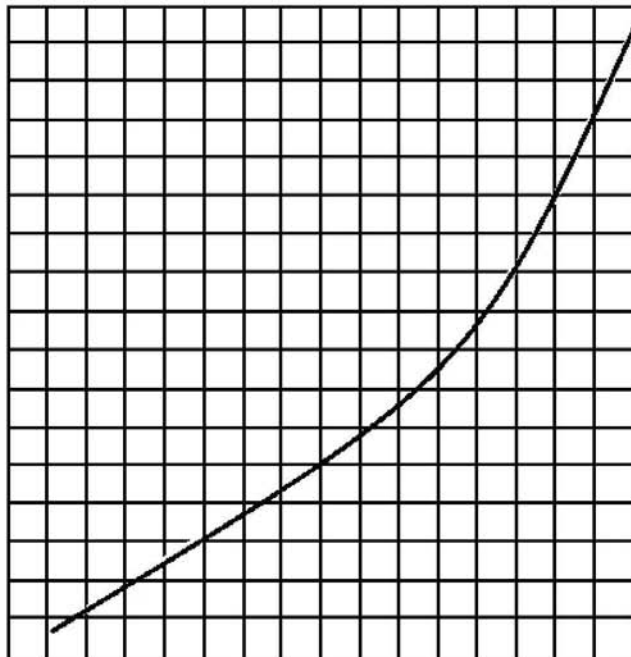


Suction Speed Flow Curve

**(Min.) SUBMERGENCE**

M	FT
5.15	17
4.88	16
5.57	15
4.27	14
3.96	13
3.66	12
3.35	11
3.05	10
2.74	09
2.44	08
2.13	07
1.83	06
1.52	05
1.22	04
0.91	03
0.61	02
0.30	01
0	0

Suction Speed Flow Curve



**NOTE # 1:**  
The suggested suction should have the same nominal diameter as the pump, so that the solids will be totally swept up.

**NOTE # 2:**  
If the speed is higher than (3.5 m/s) 11.5-ft and if there is a need for "Higher NPSH", contact the factory.

Vel.(ft/s)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Vel.(m/s)	0.30	0.61	0.91	1.22	1.52	1.83	2.13	2.43	2.74	3.05	3.35	3.66	3.96	4.27	4.57	4.88

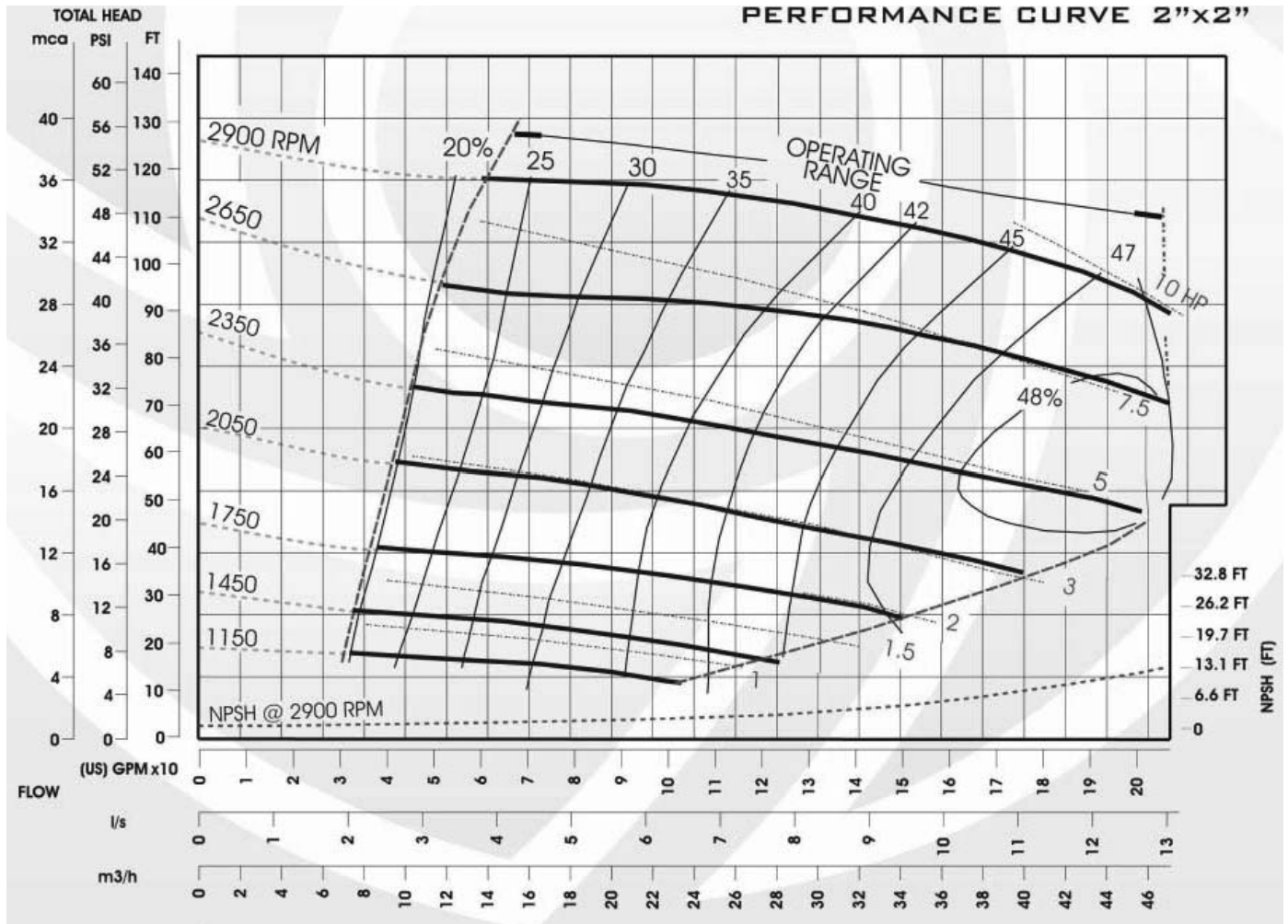
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQT2**

**Impeller Diameter: 6.38"**

**S.G.: 1.0**



**Data Sheet**

Net Weight: 203 lbs. (92kg)  
 Shipping Weight: 252 lbs. (114kg)  
 Impeller Dia.: 6-1/4" (158.75mm)  
 R.P.M.: From 1150 RPM to 2900 RPM  
 Max. Solids: 1-3/4" (44.45mm)

**Repriming Lifts**

RPM	1150	1450	1750	2050	2350	2550	2650
FEET	24	25	25	25	25	25	25
METERS	7.3	7.6	7.6	7.6	7.6	7.6	7.6

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 1.75" Dia. Max. Spherical Solids.

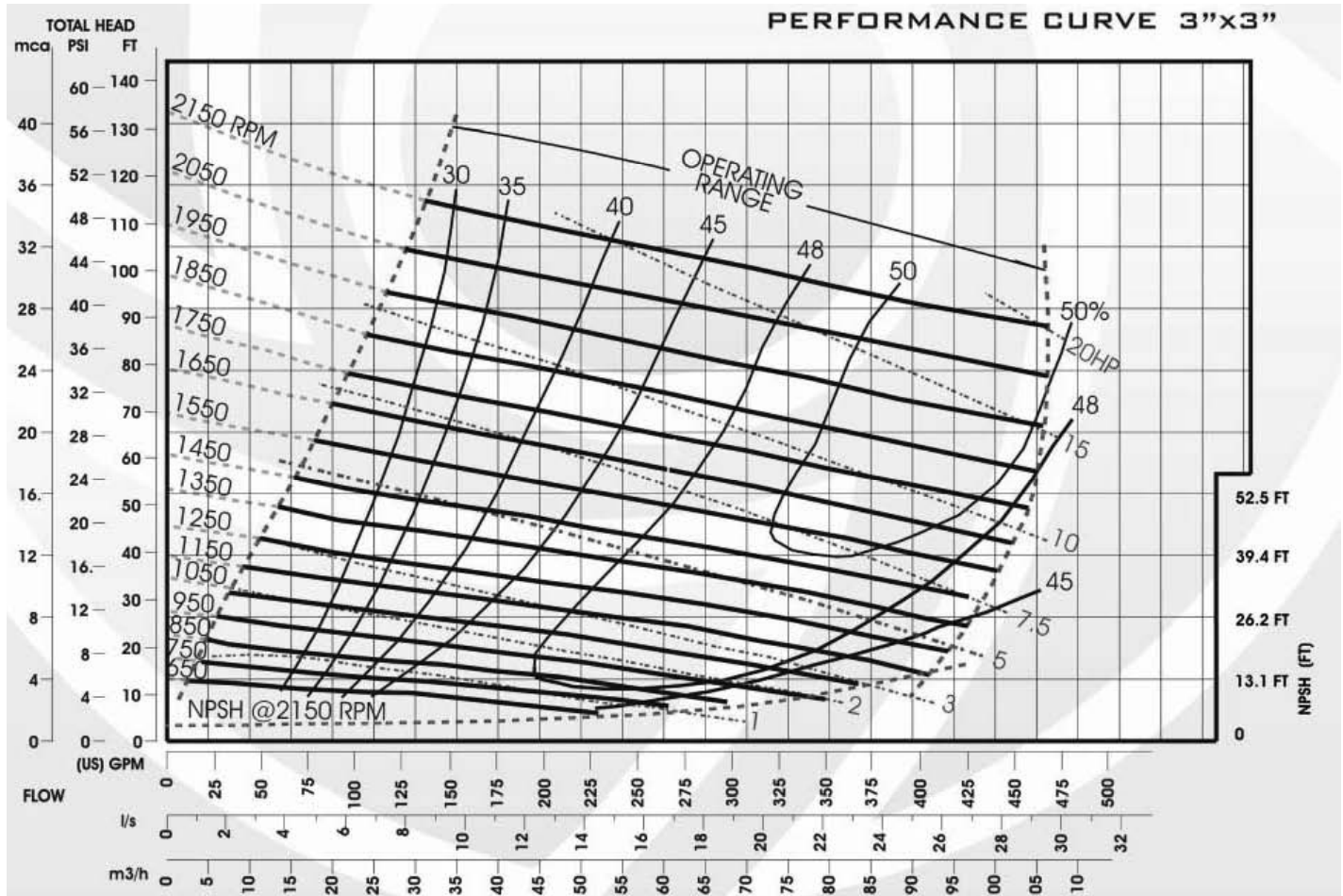
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQT3**

**Impeller Diameter: 8.75"**

**S.G.: 1.0**



**Data Sheet**

Net Weight: 404 lbs. (183kg)  
 Shipping Weight: 452 lbs. (205kg)  
 Impeller Dia.: 8-3/4" (222.3mm)  
 R.P.M.: From 650 RPM to 2150 RPM  
 Max. Solids: 2-1/2" (63.5mm)

**Repriming Lifts**

RPM	650	750	850	950	1050	1150	1250	1350	1450	1550	1650-1750	1850-2150
FEET	5	5	8	10	13	16	18	19	20	21	22	25
METERS	1.5	1.8	2.4	3.1	4.0	4.9	5.5	5.8	6.1	6.4	6.7	7.6

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 2.5" Dia. Max. Spherical Solids.

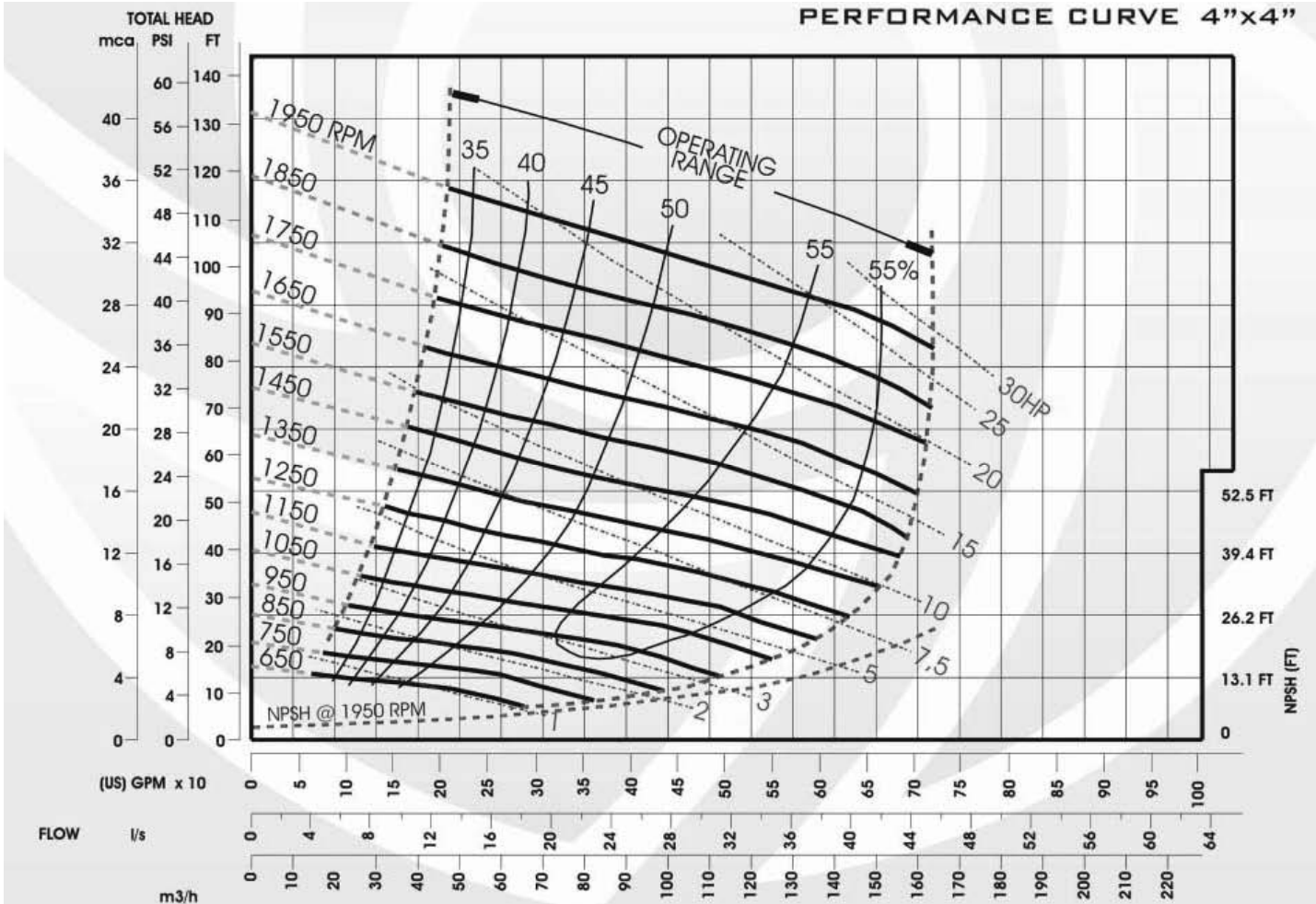
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQT4**

**Impeller Diameter: 9.75"**

**S.G.: 1.0**



**Data Sheet**

Net Weight: 600 lbs. (295.5kg)  
 Shipping Weight: 655 lbs. (280kg)  
 Impeller Dia.: 9-3/4" (247.65mm)  
 R.P.M.: From 650 RPM to 1950 RPM  
 Max. Solids: 3" (76.2mm)

**Repriming Lifts**

RPM	650	750	850	950	1050	1150	1250-1950
FEET	5	8	16	19	22	24	25
METERS	1.5	2.4	4.9	5.8	6.7	7.3	7.6

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.

3.0" Dia. Max. Spherical Solids.

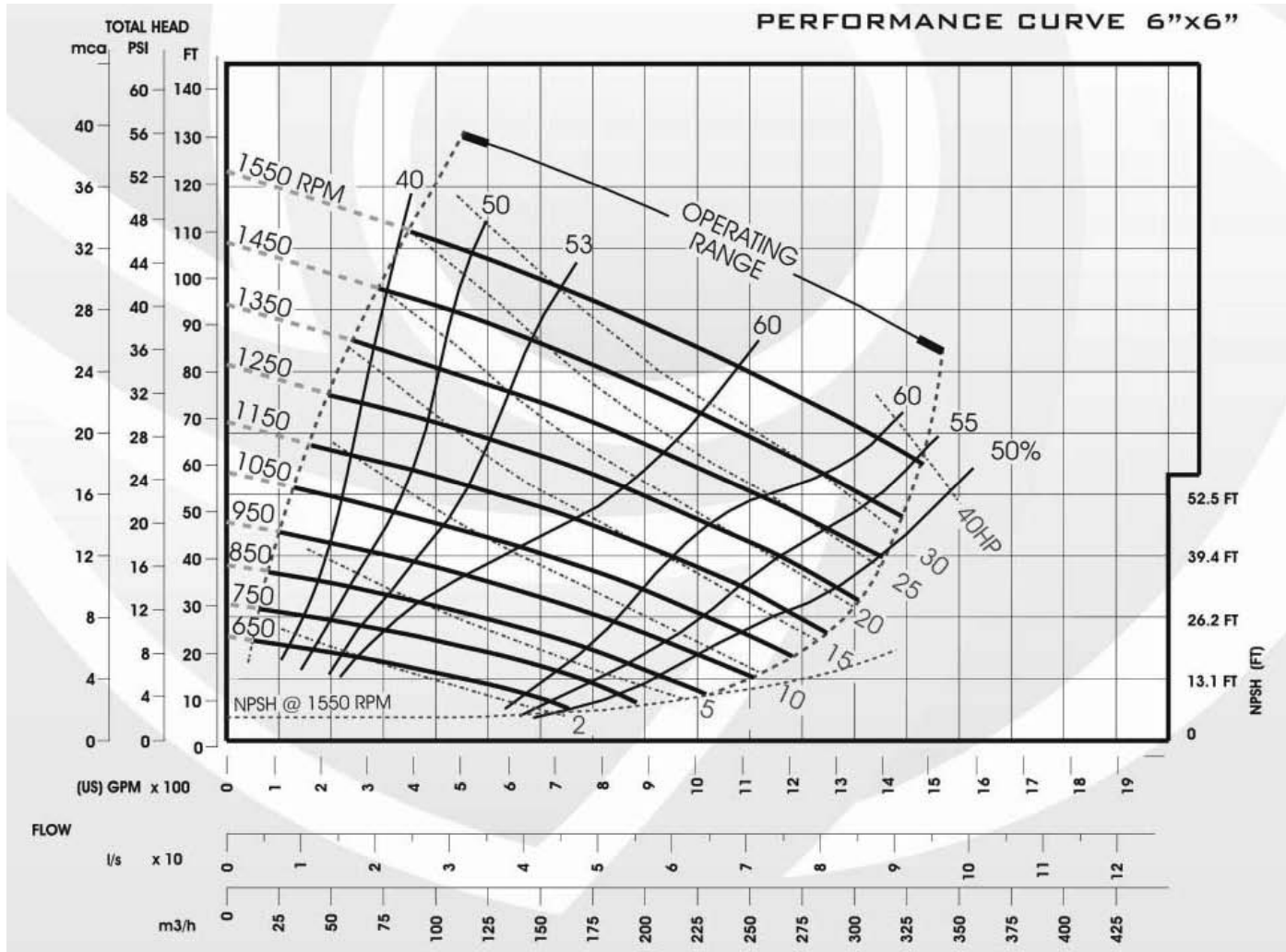
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQT6**

**Impeller Diameter: 12.375"**

**S.G.: 1.0**



**Data Sheet**

Net Weight: 802 lbs. (364kg)  
 Shipping Weight: 862 lbs. (391kg)  
 Impeller Dia.: 12-3/8" (314.32mm)  
 R.P.M.: From 650 RPM to 1550 RPM  
 Max. Solids: 3" (76.2mm)

**Repriming Lifts**

RPM	650	750	850	950	1050	1150-1250	1350	1450	1550
FEET	8	9	12	14	18	21	22	23	25
METERS	2.4	2.7	3.7	4.2	5.5	6.4	6.7	7.0	7.6

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 3.0" Dia. Max. Spherical Solids.

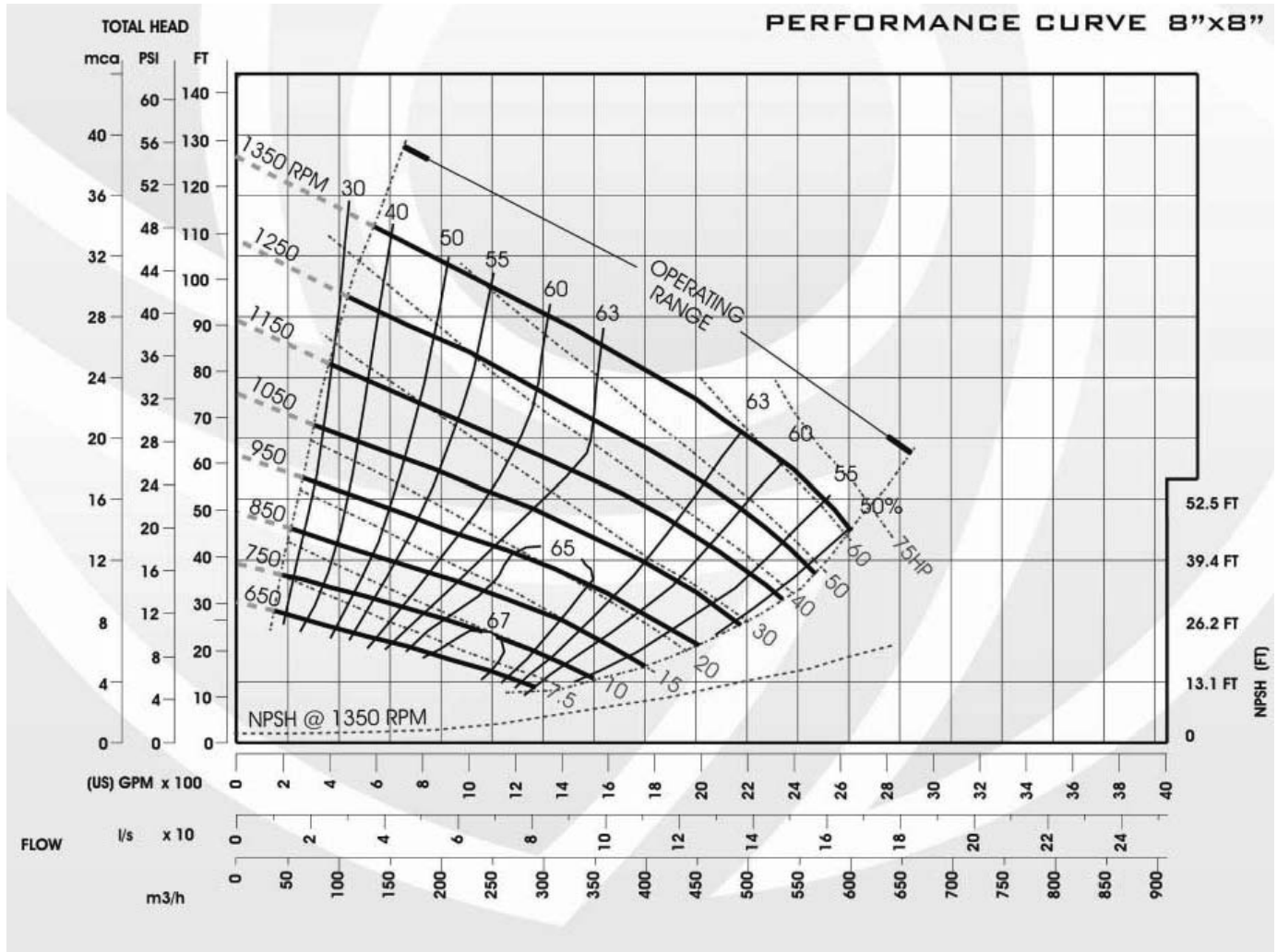
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQT8**

**Impeller Diameter: 14.75"**

**S.G.: 1.0**



**Data Sheet**

Net Weight: 1129 lbs. (581kg)  
 Shipping Weight: 1399 lbs. (634kg)  
 Impeller Dia.: 14-3/4" (374.65mm)  
 R.P.M.: From 650 RPM to 1350 RPM  
 Max. Solids: 3" (76.2mm)

**Repriming Lifts**

RPM	650	750	850	950	1050	1150	1250	1350
FEET	9	12	15	17	20	21	22	23
METERS	2.7	3.7	4.6	5.2	6.1	6.4	6.7	7.0

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 3.0" Dia. Max. Spherical Solids.



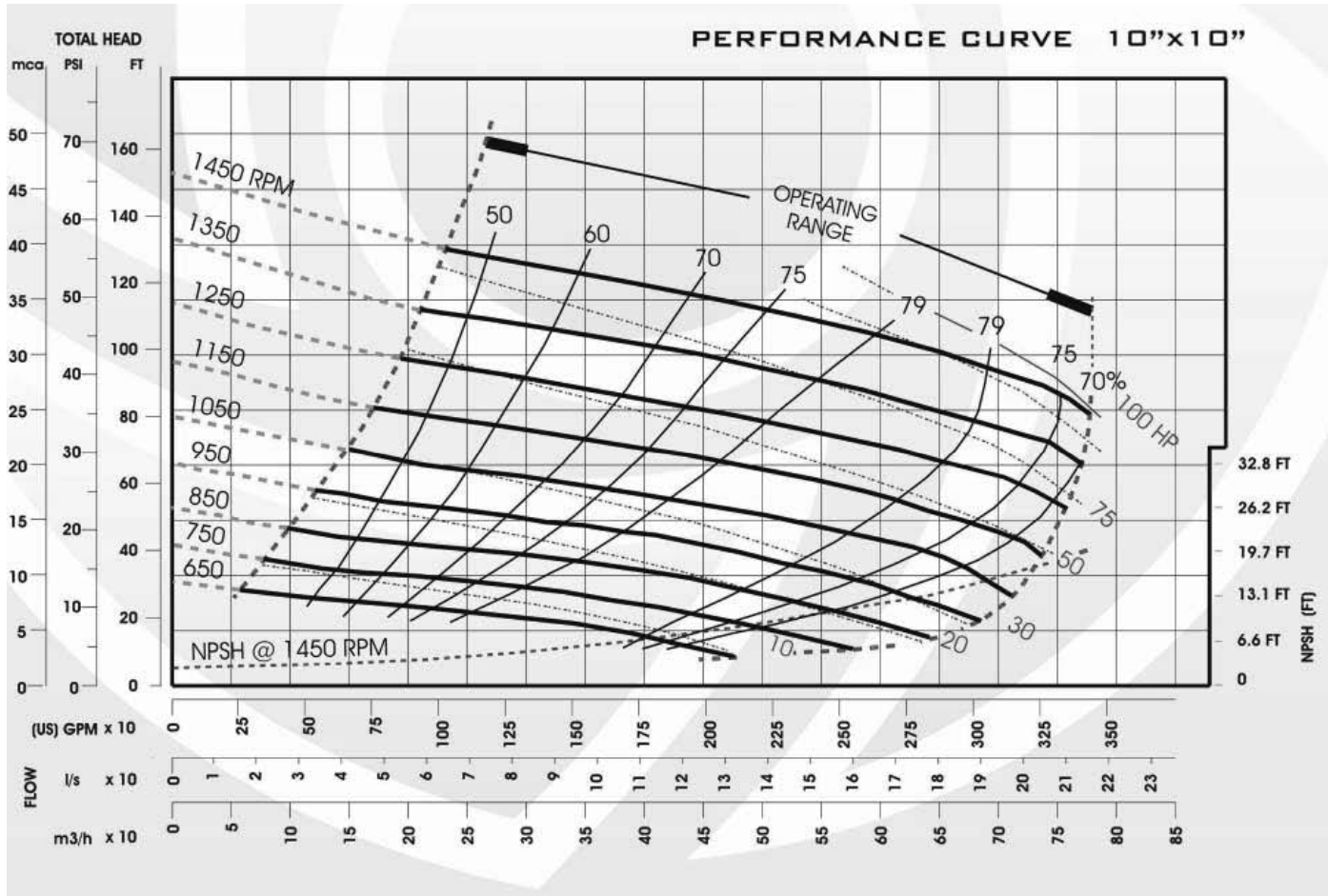
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQT10**

**Impeller Diameter: 14.75"**

**S.G.: 1.0**



**Data Sheet**

Net Weight: 1400 lbs. (635kg)  
 Shipping Weight: 1461 lbs. (663kg)  
 Impeller Dia.: 14-3/4" (374.65mm)  
 R.P.M.: From 650 RPM to 1450 RPM  
 Max. Solids: 3" (76.2mm)

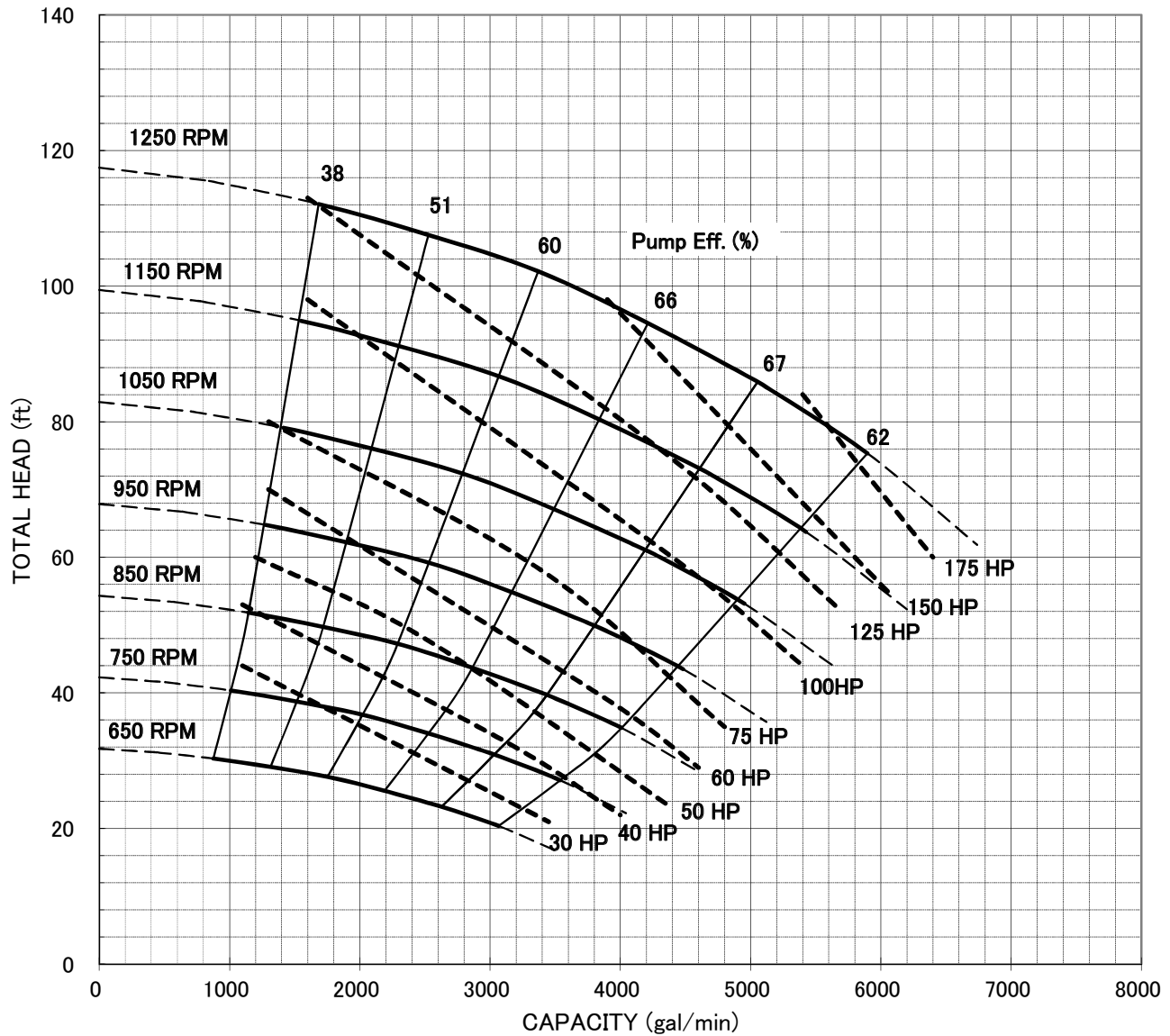
**Repriming Lifts**

RPM	650	750	850	950	1050	1150	1350-1450
FEET	7	11	14	17	19	18	22
METERS	2.1	3.4	4.3	5.2	5.5	5.5	6.7

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 3.0" Dia. Max. Spherical Solids.

**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQT12**

**Data Sheet**

Net Weight: 2,860 lbs. (1,300kg)  
 Impeller Dia: 16-1/16" (405mm)  
 R.P.M.: From 650 RPM to 1250 RPM  
 Max. Solids: 2-1/2" (65mm)

**Repriming Lifts**

RPM	650	750	850	950	1050	1150	1250
Feet	13.1	14.1	15.4	16.4	16.7	17.4	18.0
Meters	4	4.3	4.7	5	5.1	5.3	5.5

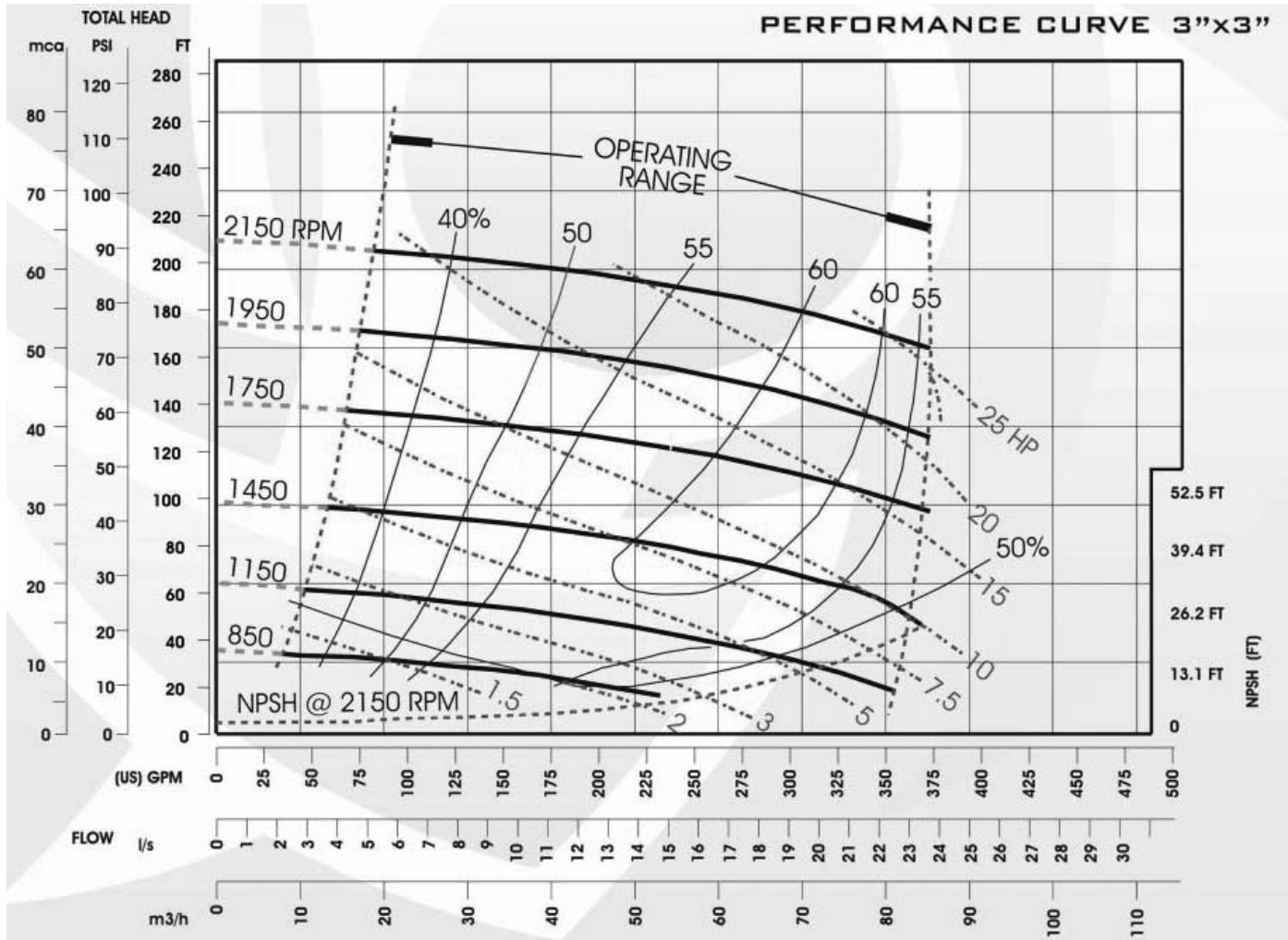
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQU3**

**Impeller Diameter: 11"**

**S.G.: 1**



**Data Sheet**

Net Weight: 472 lbs. (214 kg)  
 Shipping Weight: 497 lbs. (225 kg)  
 Impeller Dia.: 11" (279.4mm)  
 R.P.M.: From 850 RPM to 2150 RPM  
 Max. Solids: 13/16" (20.63mm)

**Repriming Lifts**

RPM	850	1150	1450	1750-2150
FEET	7	9	15	25
METERS	2.3	2.9	4.5	7.6

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 13/16" Dia. Max. Spherical Solids.

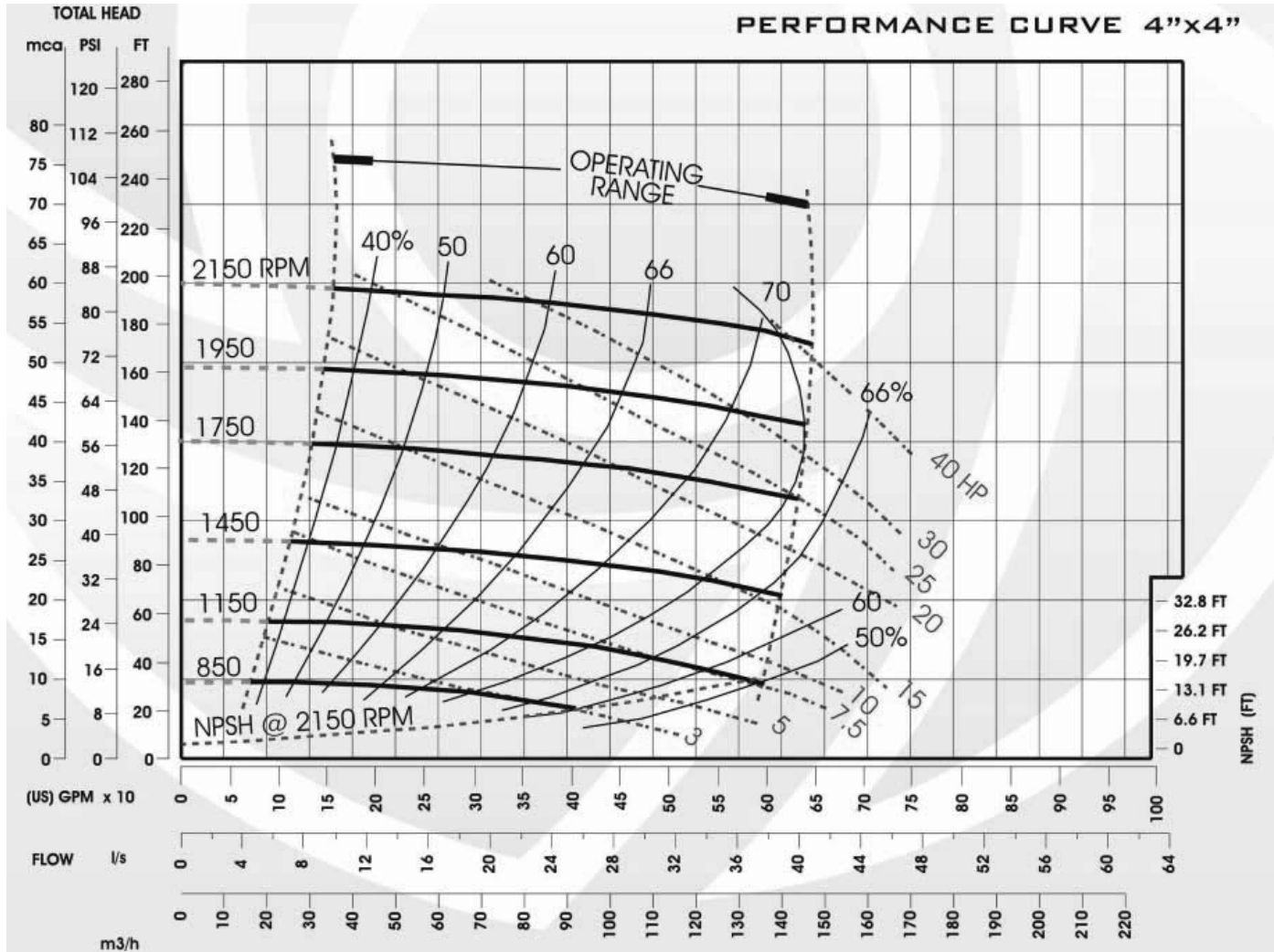
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQU4**

**Impeller Diameter: 11"**

**S.G.: 1**



**Data Sheet**

Net Weight: 600 lbs. (272 kg)  
 Shipping Weight: 655 lbs. (297 kg)  
 Impeller Dia.: 11" (279.4mm)  
 R.P.M.: From 850 RPM to 2150 RPM  
 Max. Solids: 1 1/8" (28.57mm)

**Repriming Lifts**

RPM	850	1150	1450	1750	1950	2150
FEET	5	10	12	13	15	17
METERS	1.6	3.0	3.6	3.9	4.5	5.2

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 1.12" Dia. Max. Spherical Solids.

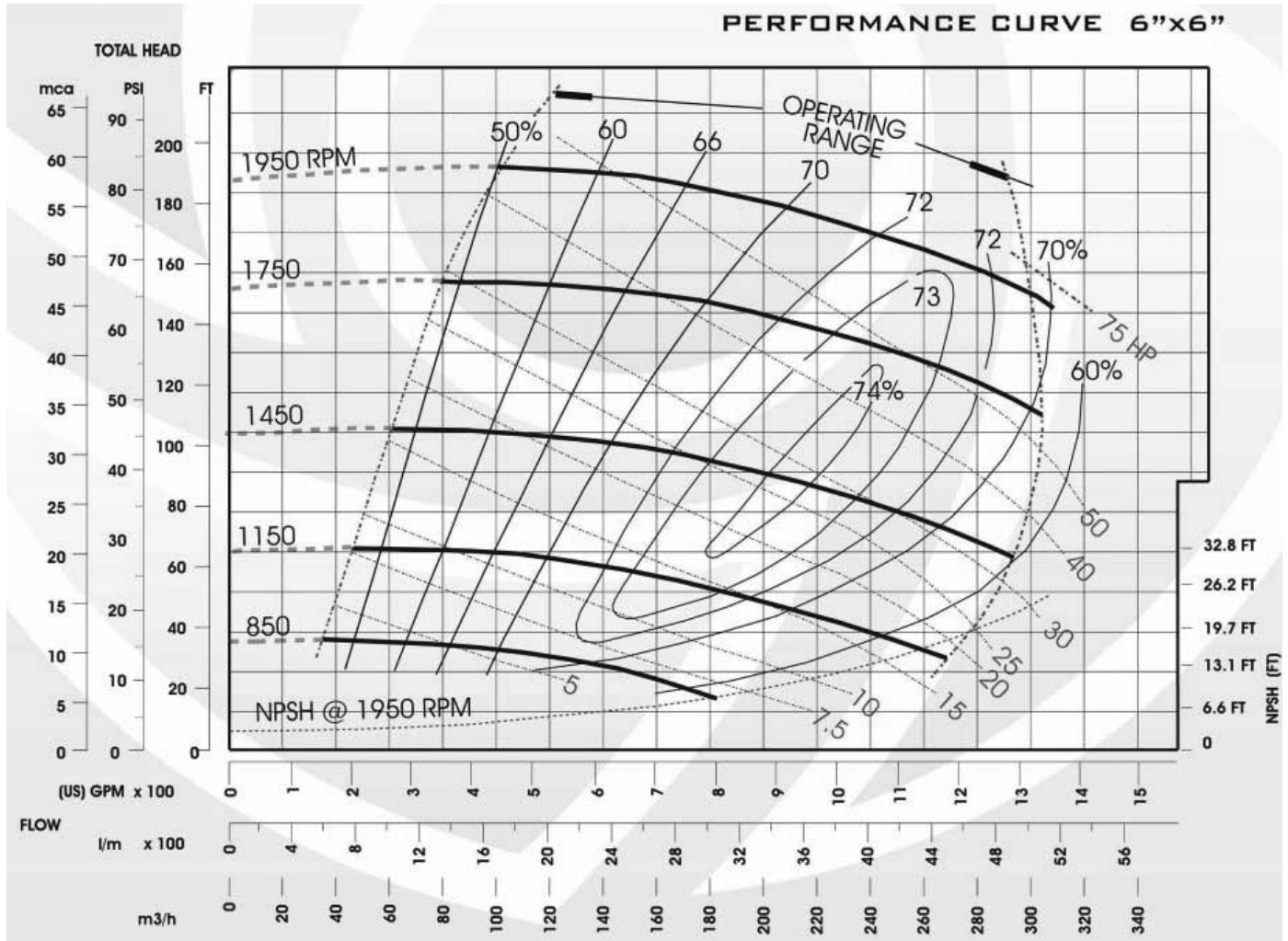
**Performance Curves**

Project: \_\_\_\_\_ GPM: \_\_\_\_\_ TDH: \_\_\_\_\_ EFF: \_\_\_\_\_ HP: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**EFQU6**

**Impeller Diameter: 12.5"**

**S.G.: 1**



**Data Sheet**

Net Weight: 910 lbs. (413 kg)  
 Shipping Weight: 965 lbs. (437 kg)  
 Impeller Dia.: 12 1/2" (317.5mm)  
 R.P.M.: From 850 RPM to 1950 RPM  
 Max. Solids: 1 1/4" (31.75mm)

**Repriming Lifts**

RPM	850	1150	1450	1750-1950
FEET	8	10	14	15
METERS	2.4	3.0	4.2	4.5

Figure NPSH prior to using above chart. DO NOT use as NPSH Suction Lift.  
 1.25" Dia. Max. Spherical Solids.