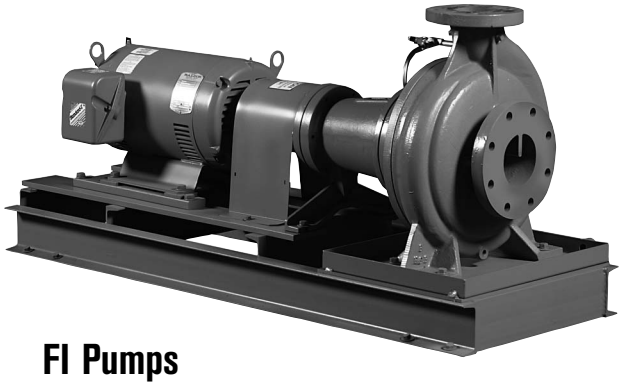
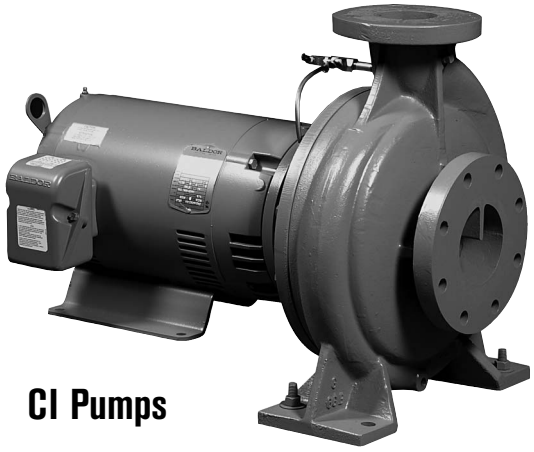
Water Circulation
Pumps & Circulators

PERFORMANCE CURVES



FI Pumps



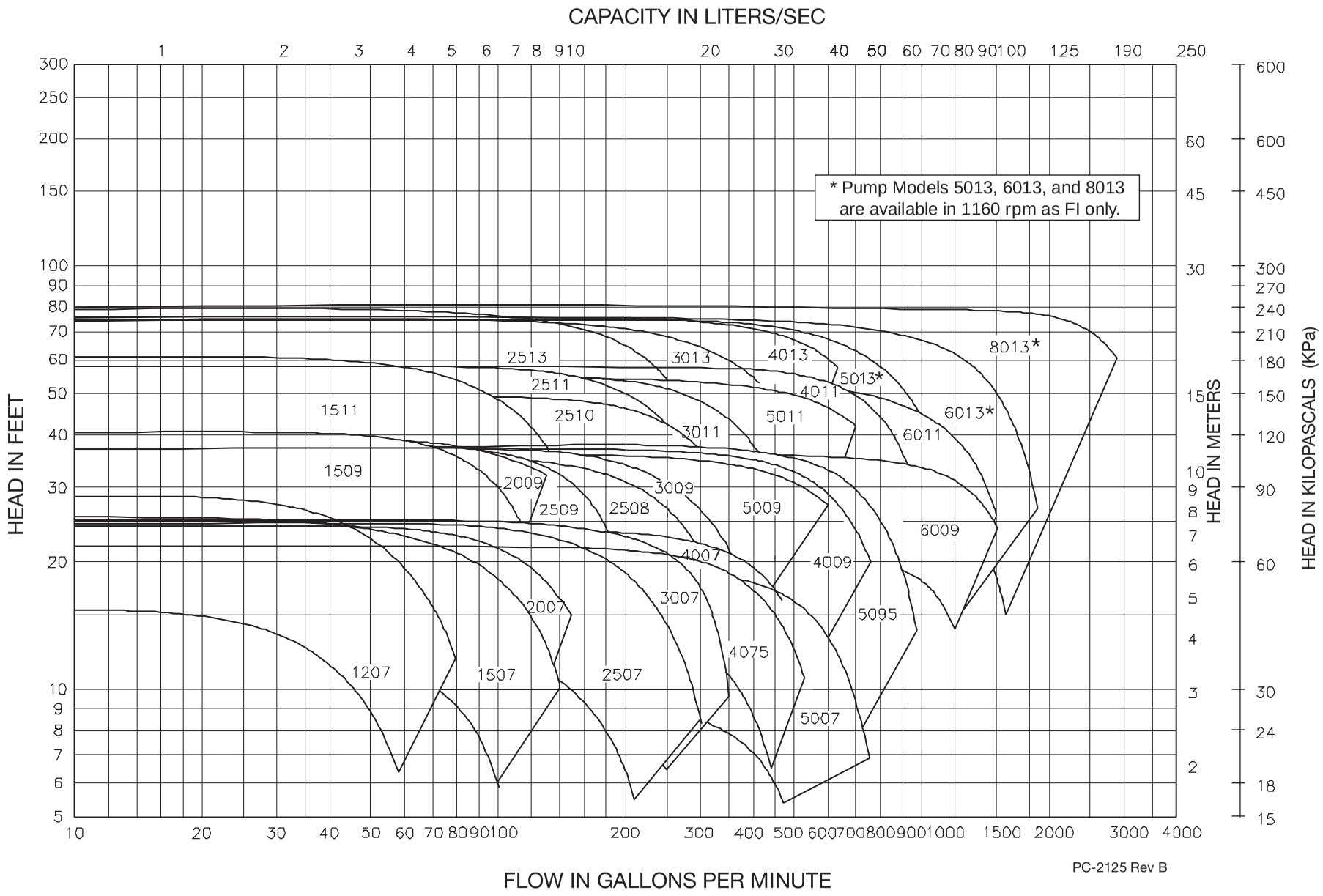
CI Pumps

HYDRONIC COMPONENTS & SYSTEMS

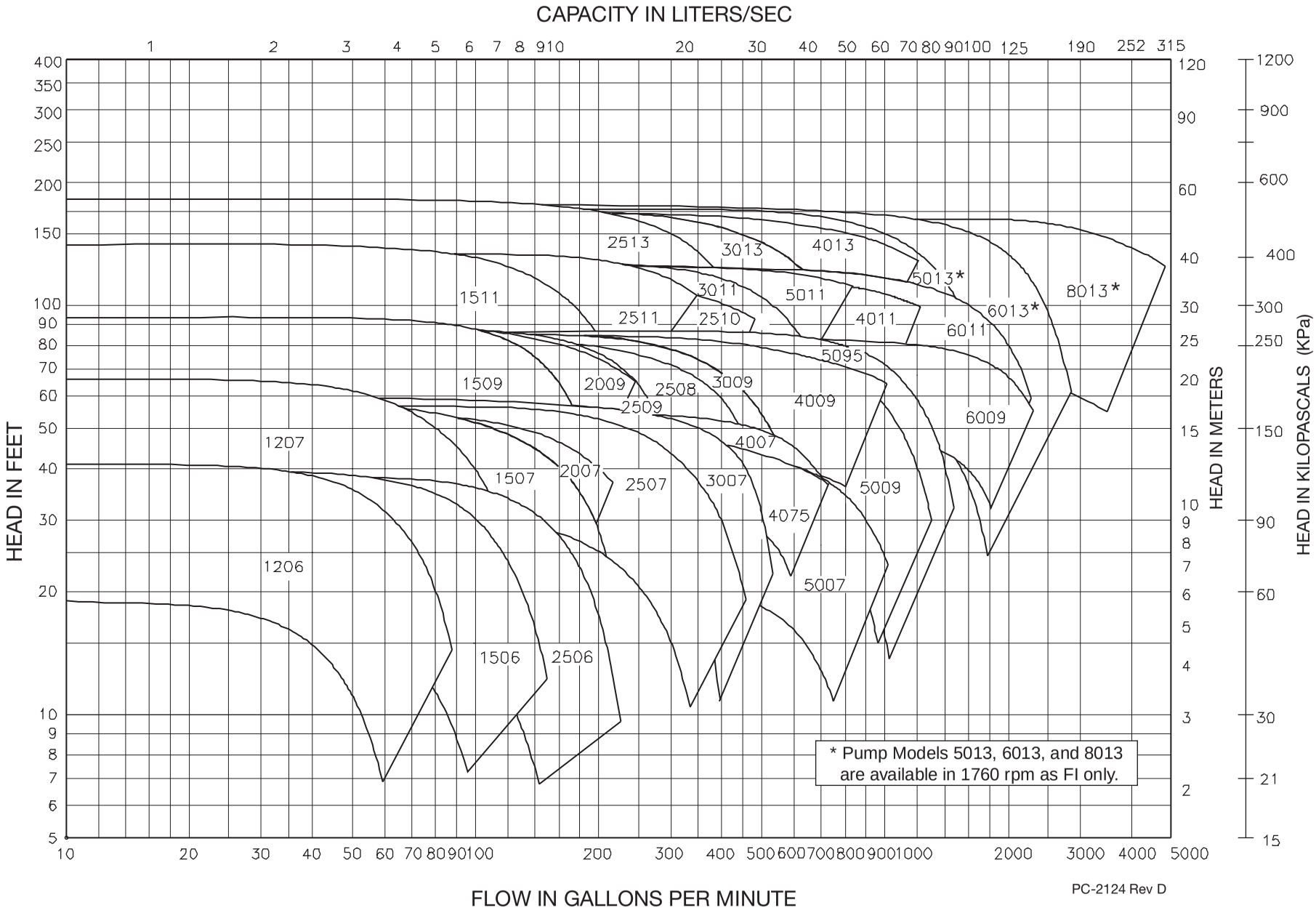
Do it once.
Do it right.

Taco®

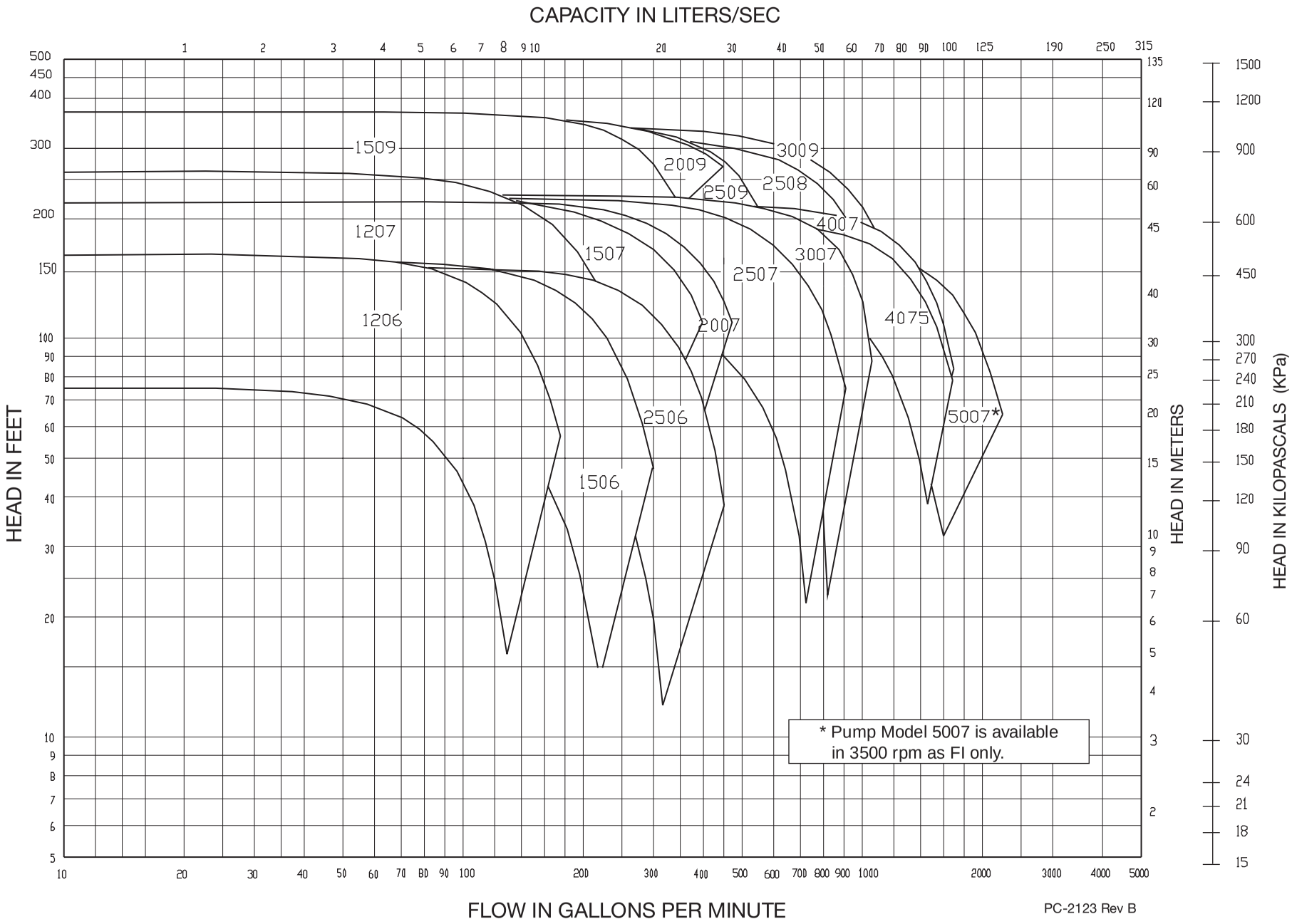
Effective Date March 1, 2012 (Supersedes January 31, 2004)



FI/CI Pump Quick Selection Curve
1160 RPM



FI/CI Pump Quick Selection Curve
1760 RPM



FI/CI Pump Quick Selection Curve
3500 RPM

CORRECTION FACTORS FOR OTHER SPEEDS

For speeds other than 1750, hydraulic performance and B.H.P. requirements must be corrected before a selection can be made.

The following multipliers are used to correct performance and B.H.P.

	G.P.M.	Head	B.H.P.
1150 to 1750	1.52	2.31	
1750 to 1150			.28
1450 to 1750	1.21	1.46	
1750 to 1450			.58
2900 to 3450	1.19	1.42	
3450 to 2900			.58

Sizing Procedure

1. Using the proper multipliers correct G.P.M. and head.
2. Make pump selection as usual using corrected performance.
3. Determine max. B.H.P. requirement for pump selected.
4. Correct B.H.P. using multiplier, to lower speed.
5. Select motor based on Step 4. Use service factor if applicable.

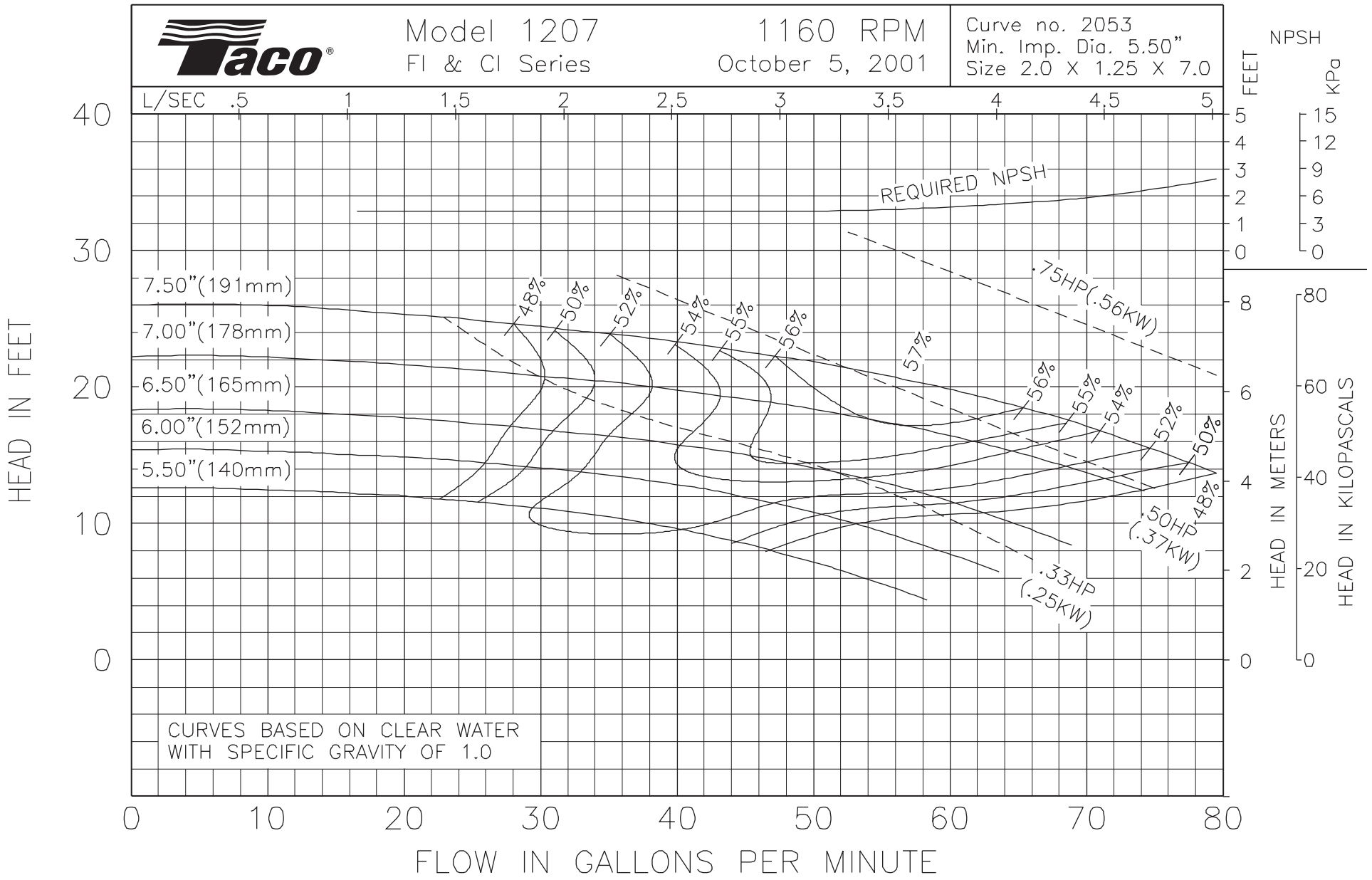
PUMP FORMULAS

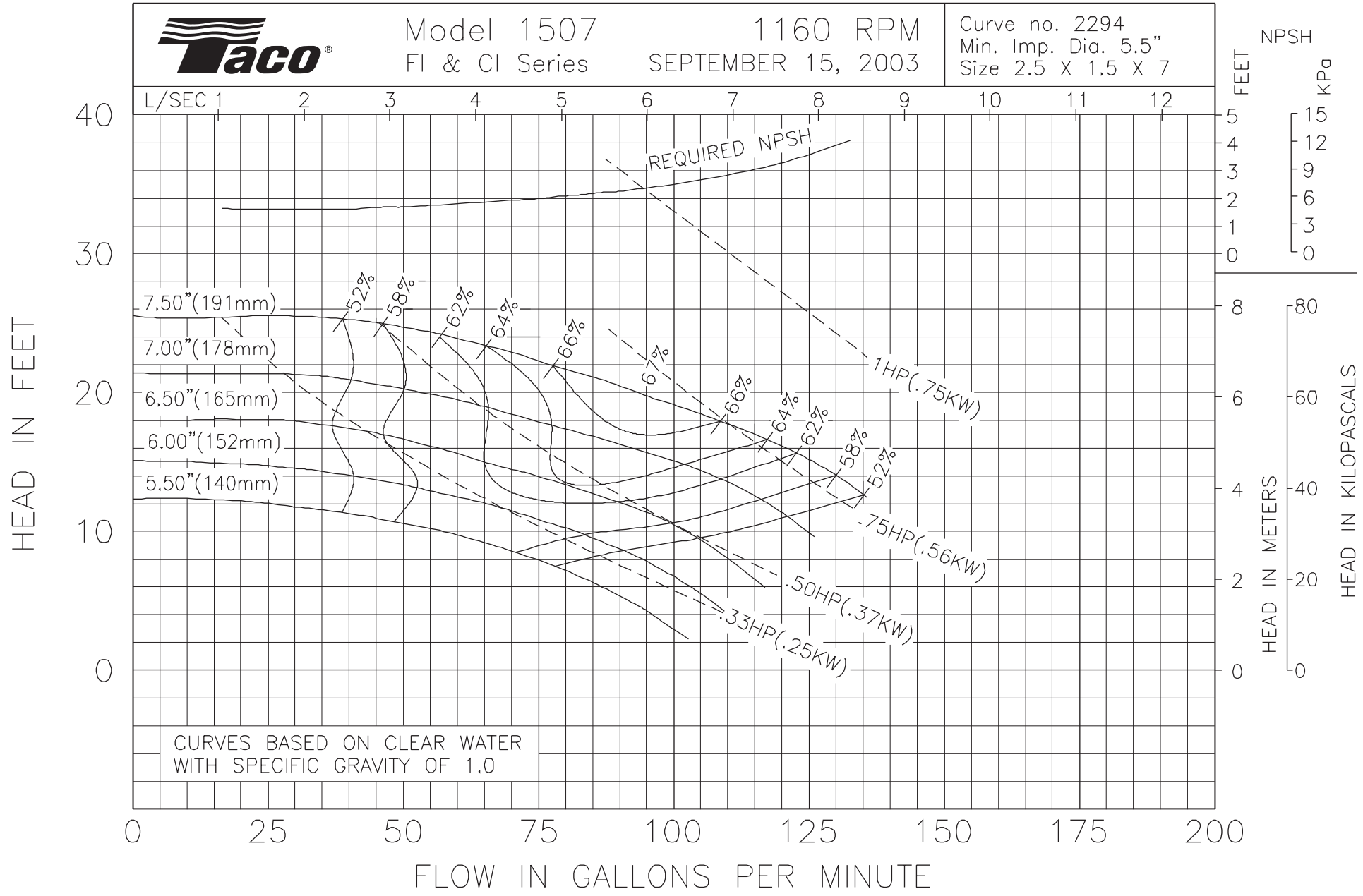
Pressure (PSI)	=	$\frac{\text{Head (Feet)} \times \text{Specific Gravity}}{2.31}$
Head (Feet)	=	$\frac{\text{Pressure (PSI)} \times 2.31}{\text{Specific Gravity}}$
Vacuum (Inches of Mercury)	=	Dynamic Suction Lift (Feet) x .883 x Specific Gravity
Horsepower (Brake)	=	$\frac{\text{GPM} \times \text{Head (Feet)} \times \text{Specific Gravity}}{3960 \times \text{Pump Efficiency}}$
Horsepower (Water)	=	$\frac{\text{GPM} \times \text{Head (Feet)} \times \text{Specific Gravity}}{3960}$
Efficiency (Pump)	=	$\frac{\text{Horsepower (Water)} \times 100 \text{ Per Cent}}{\text{Horsepower (Brake)}}$
NPSH (Available)	=	Positive Factors – Negative Factors

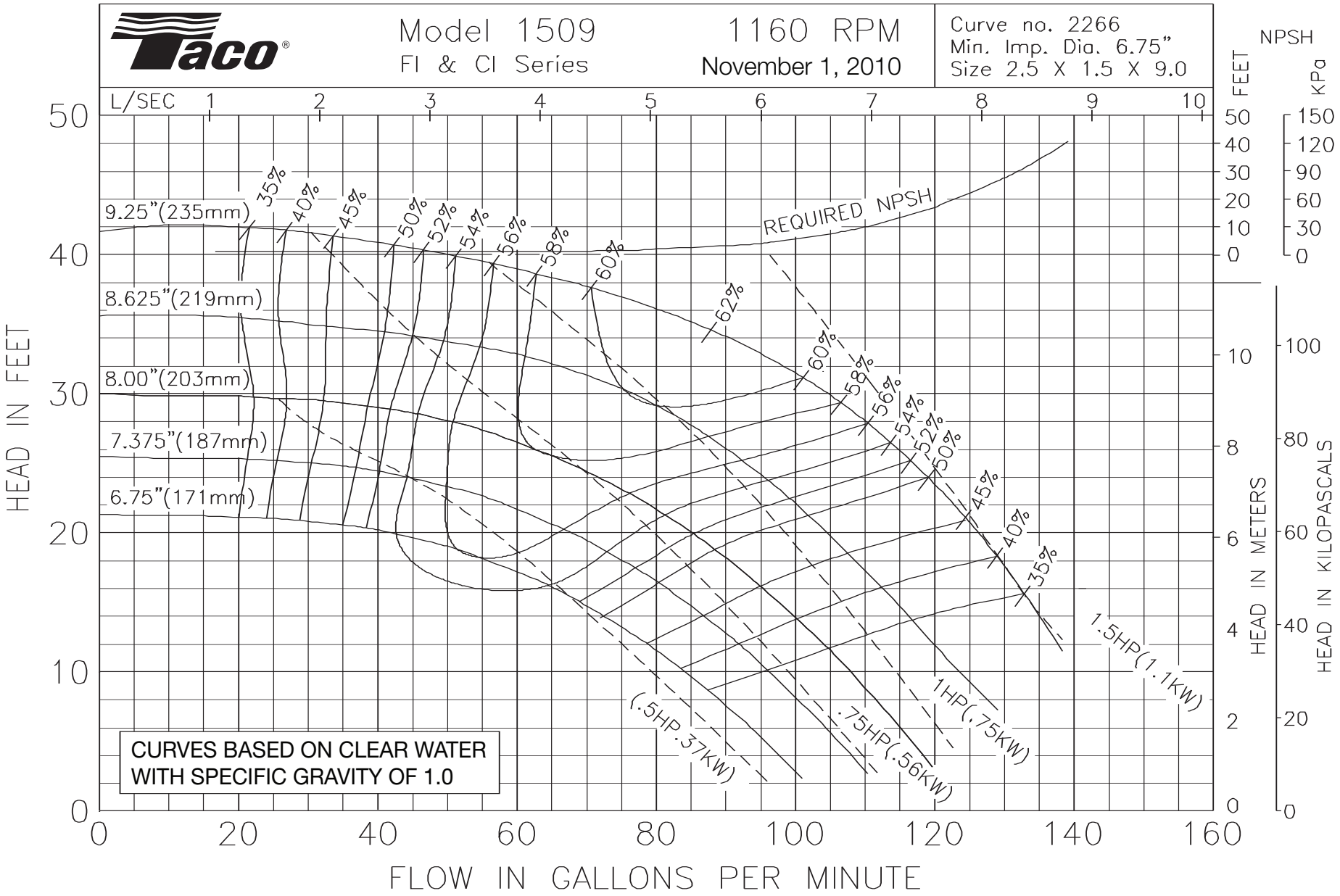
Affinity Laws: Effect of change of speed or impeller diameter on centrifugal pumps.

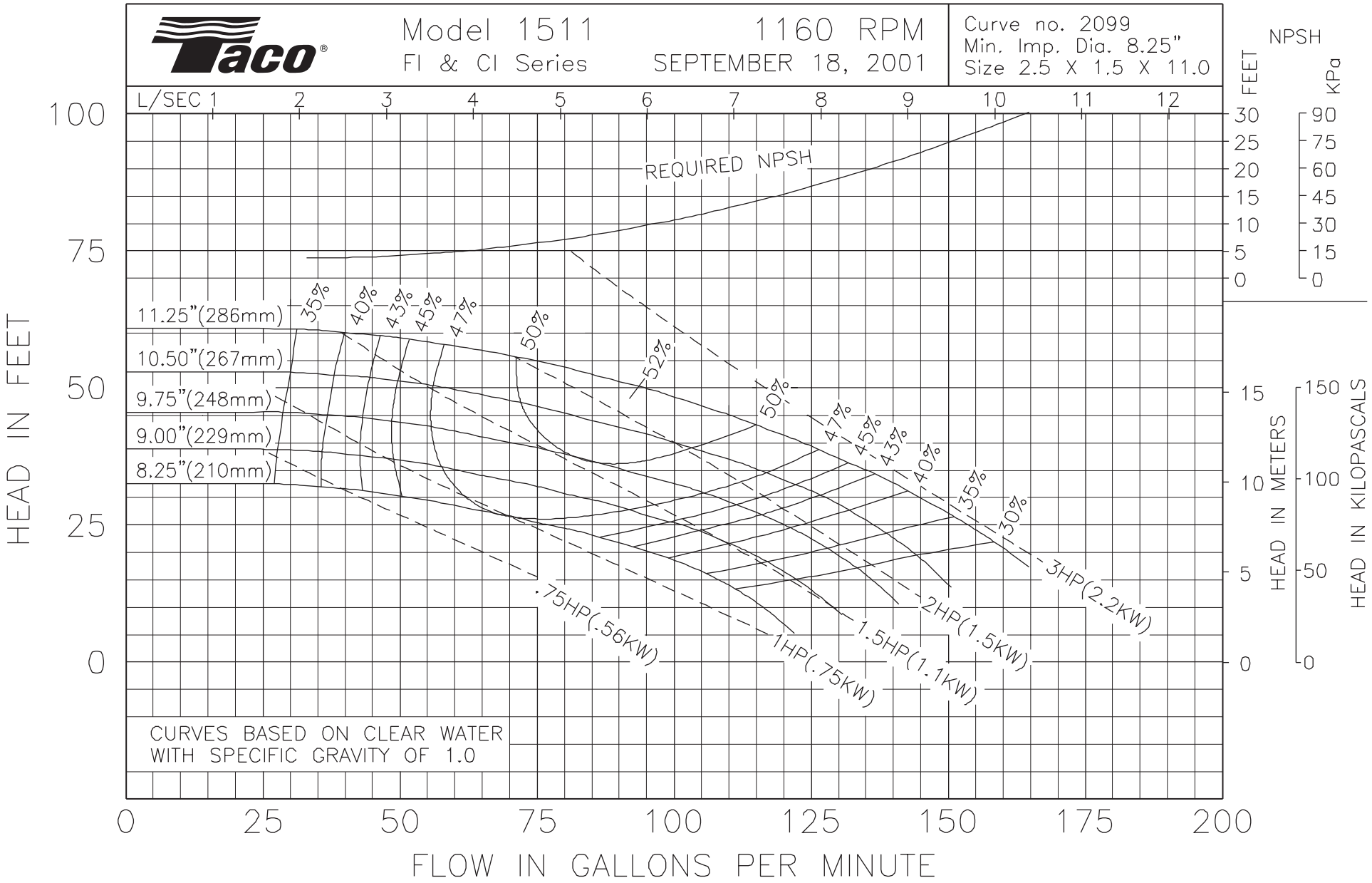
	GPM Capacity	Ft. Head	BHP
Impeller Diameter Change	$Q_2 = \frac{D_2}{D_1} Q_1$	$H_2 = \left(\frac{D_2}{D_1}\right)^2 H_1$	$P_2 = \left(\frac{D_2}{D_1}\right)^3 P_1$
Speed Change	$Q_2 = \frac{RPM_2}{RPM_1} Q_1$	$H_2 = \left(\frac{RPM_2}{RPM_1}\right)^2 H_1$	$P_2 = \left(\frac{RPM_2}{RPM_1}\right)^3 P_1$

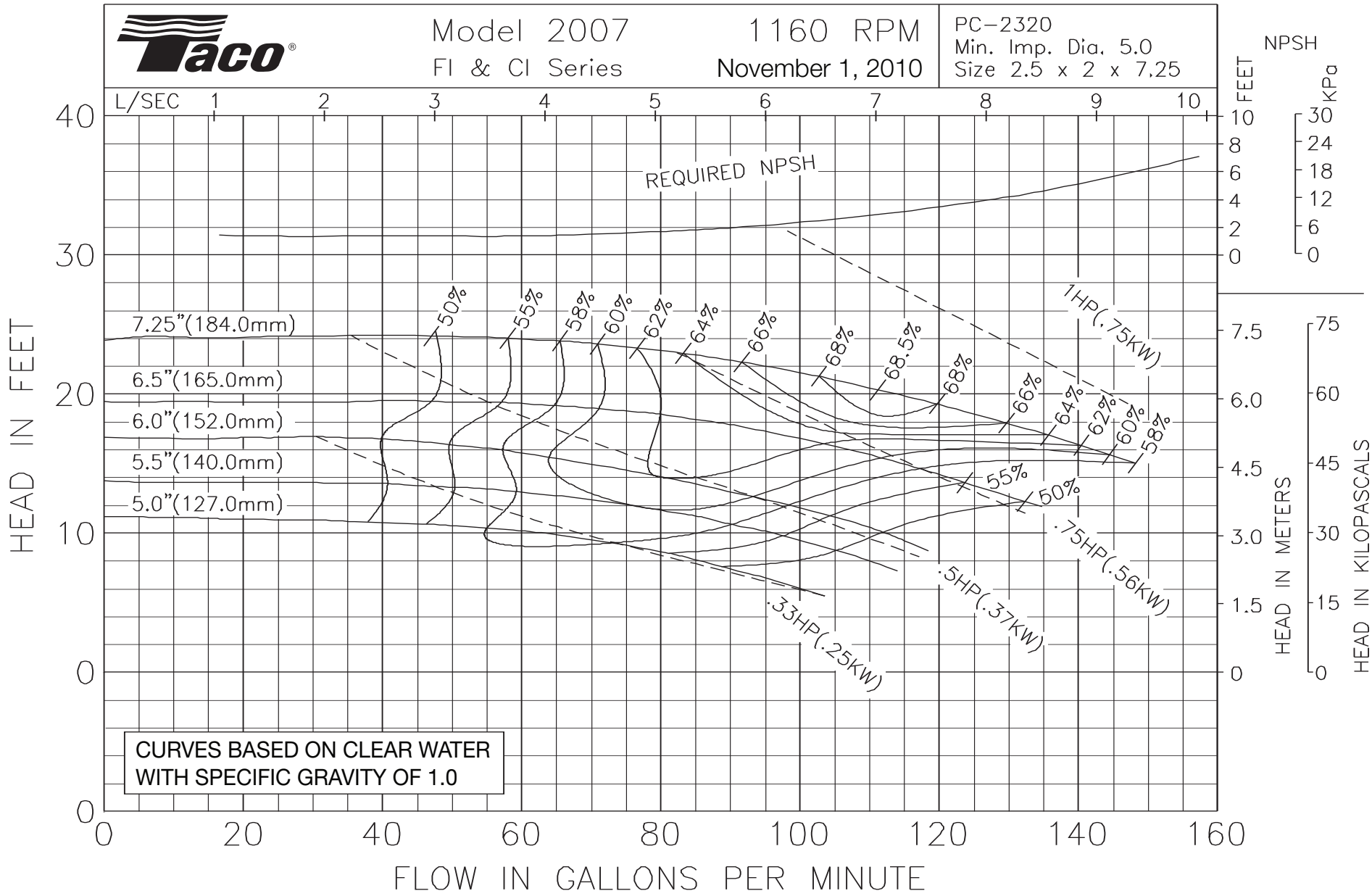
Where Q = GPM, H = Head, P = BHP, D = Impeller Dia., RPM = Pump Speed

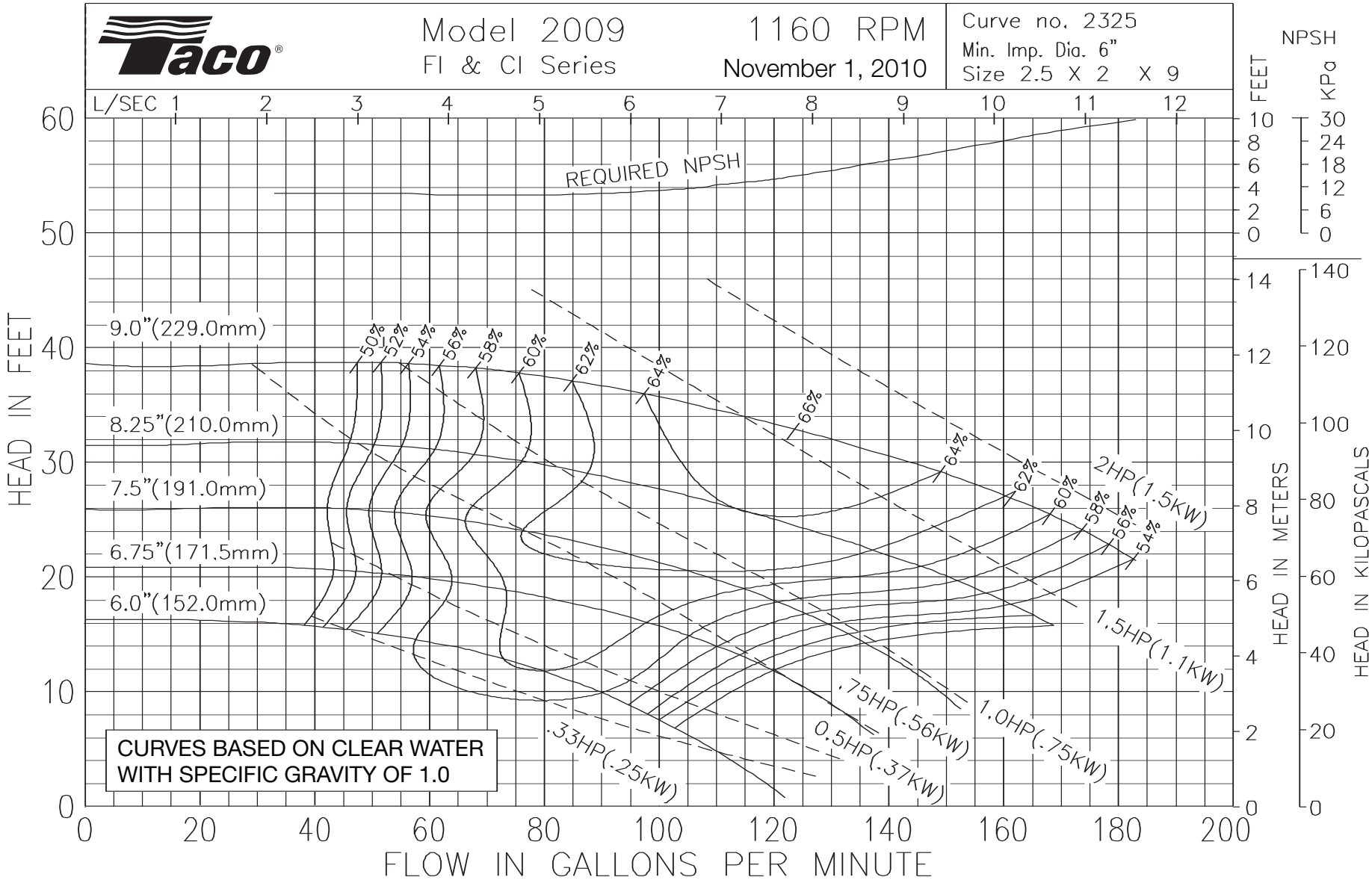

Taco
Model 1207
FI & CI Series
1160 RPM
October 5, 2001
Curve no. 2053
Min. Imp. Dia. 5.50"
Size 2.0 X 1.25 X 7.0
L/SEC .5 1 1.5 2 2.5 3 3.5 4 4.5 5
FEET
NPSH
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
48%
50%
52%
54%
55%
56%
57%
.75HP(.56KW)
.50HP(.37KW)
.33HP(.25KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
FLOW IN GALLONS PER MINUTE

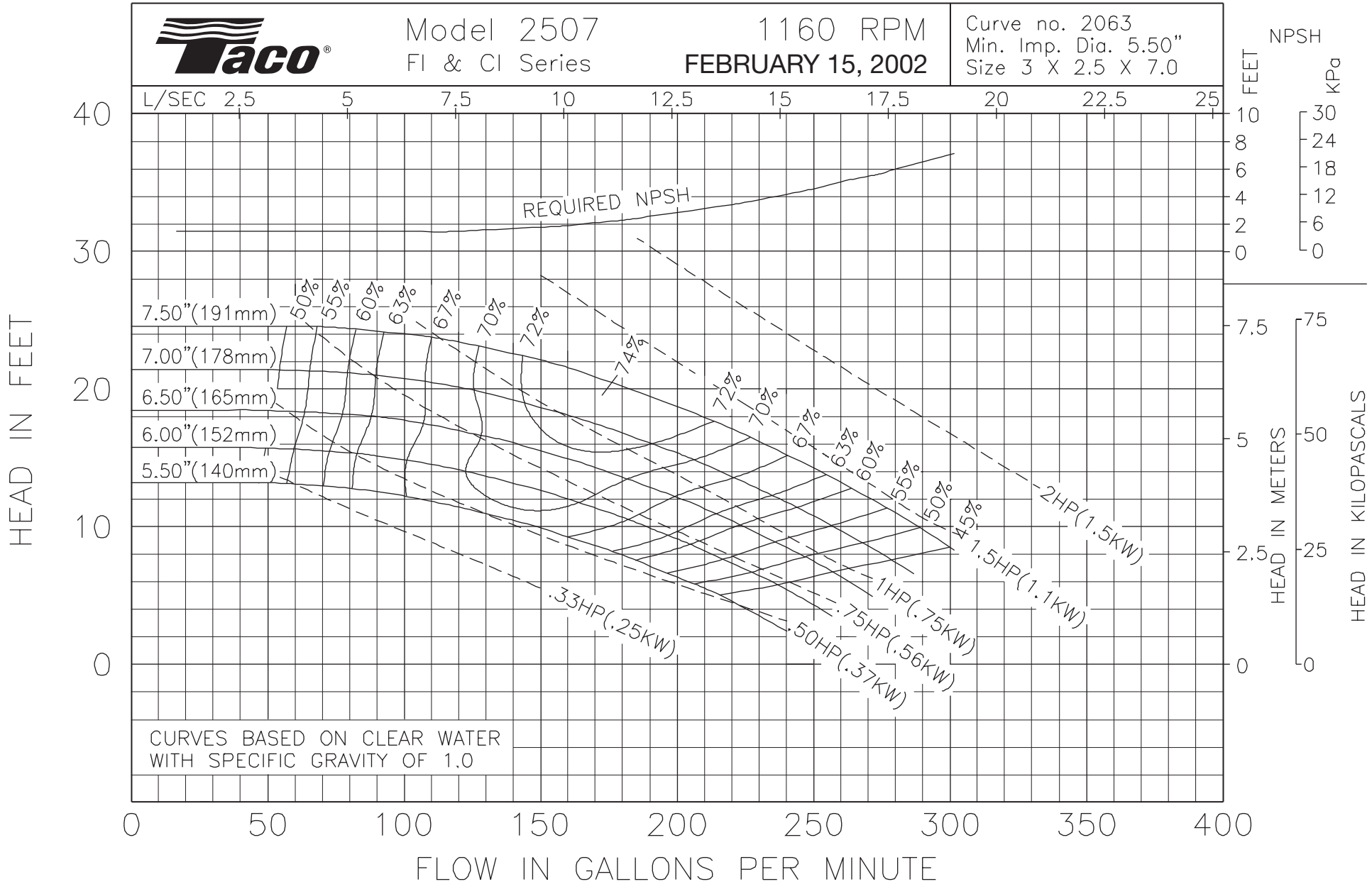

Taco
Model 1507
FI & CI Series
1160 RPM
SEPTEMBER 15, 2003
Curve no. 2294
Min. Imp. Dia. 5.5"
Size 2.5 X 1.5 X 7
L/SEC 1 2 3 4 5 6 7 8 9 10 11 12
FEET
NPSH
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
52%
58%
62%
64%
66%
67%
1HP(.75KW)
.75HP(.56KW)
.50HP(.37KW)
.33HP(.25KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

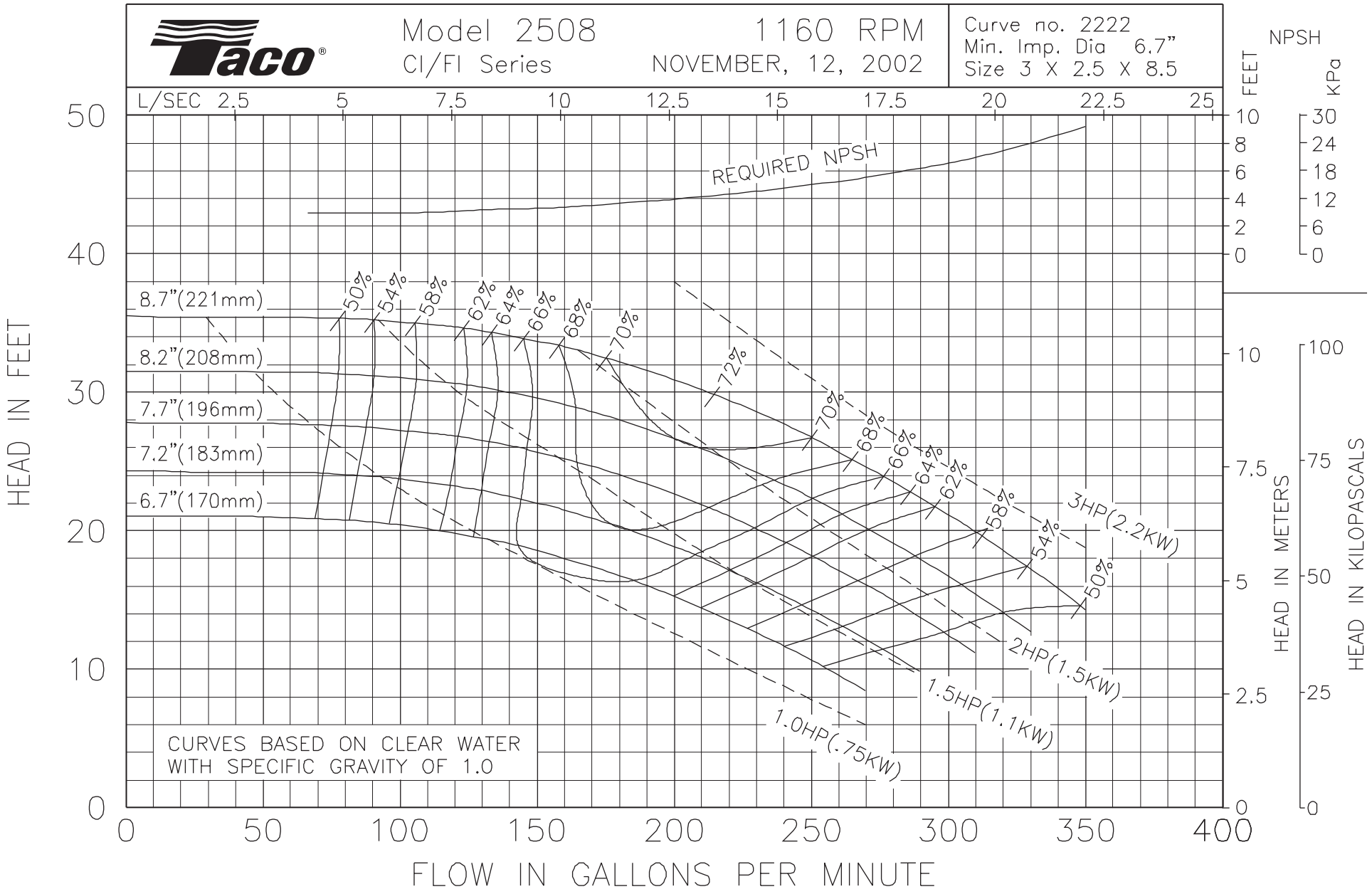

Taco
Model 1509
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2266
Min. Imp. Dia. 6.75"
Size 2.5 X 1.5 X 9.0
L/SEC
NPSH
FEET
KPa
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
REQUIRED NPSH
35%
40%
45%
50%
52%
54%
56%
58%
60%
62%
1.5HP(1.1KW)
1HP(.75KW)
.75HP(.56KW)
.5HP(.37KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

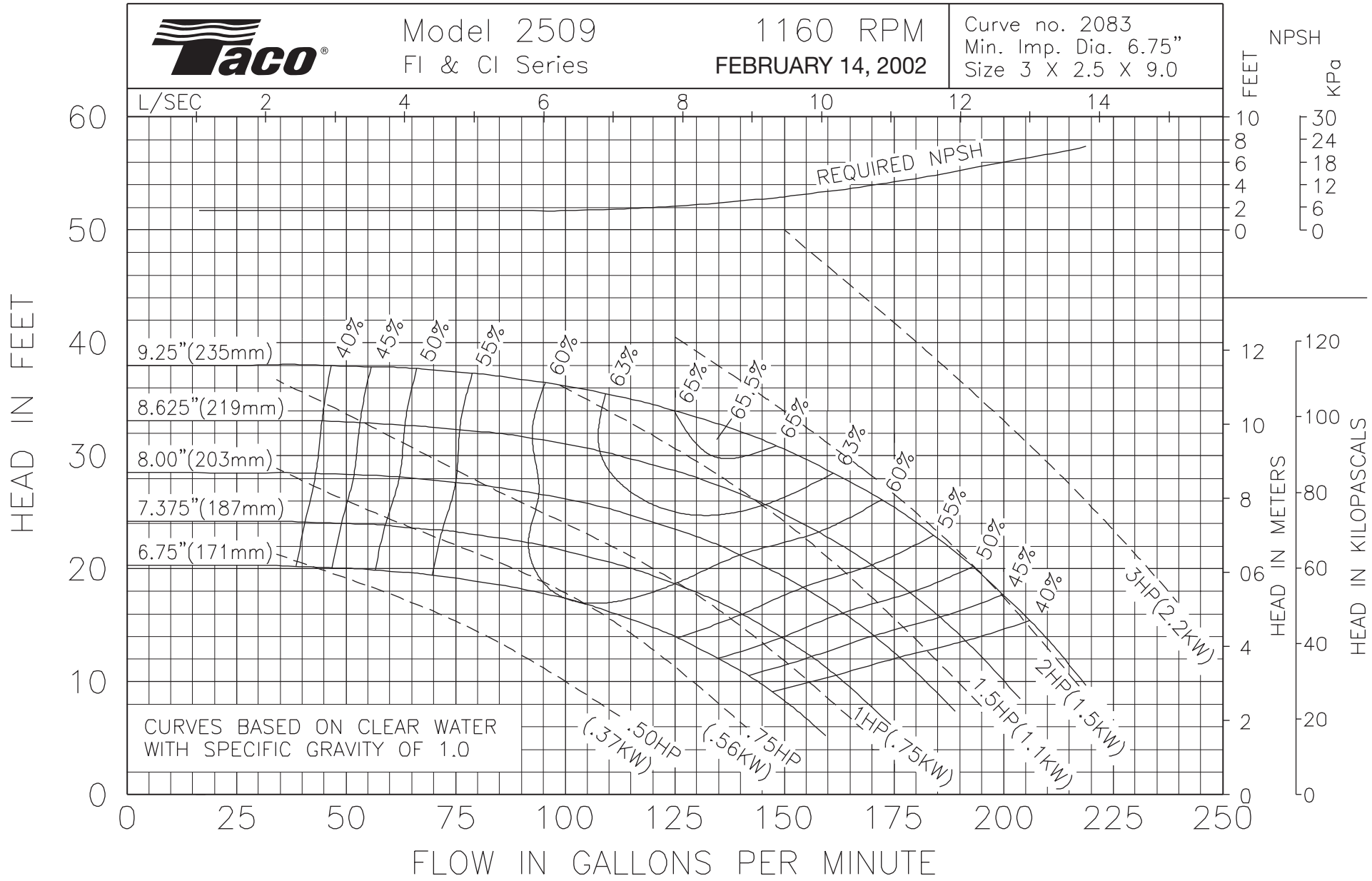

Taco
Model 1511
FI & CI Series
1160 RPM
SEPTEMBER 18, 2001
Curve no. 2099
Min. Imp. Dia. 8.25"
Size 2.5 X 1.5 X 11.0
L/SEC 1 2 3 4 5 6 7 8 9 10 11 12
NPSH
FEET
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
35%
40%
43%
45%
47%
50%
52%
50%
47%
45%
43%
40%
35%
30%
.75HP(.56KW)
1HP(.75KW)
1.5HP(1.1KW)
2HP(1.5KW)
3HP(2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

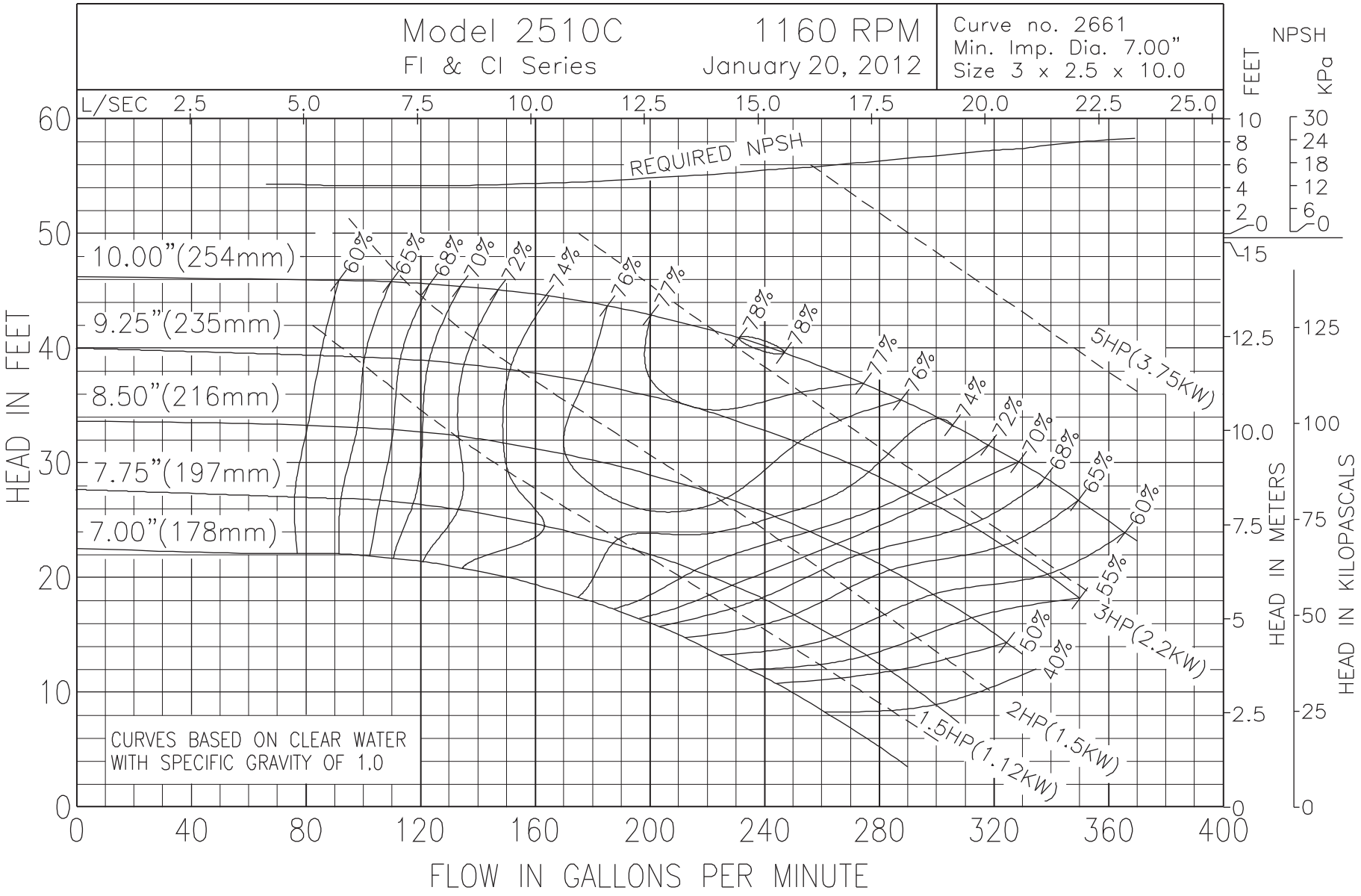

Taco
Model 2007
FI & CI Series
1160 RPM
November 1, 2010
PC-2320
Min. Imp. Dia. 5.0
Size 2.5 x 2 x 7.25
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
7.25"(184.0mm)
6.5"(165.0mm)
6.0"(152.0mm)
5.5"(140.0mm)
5.0"(127.0mm)
50%
55%
58%
60%
62%
64%
66%
68%
68.5%
1HP(.75KW)
.75HP(.56KW)
.5HP(.37KW)
.33HP(.25KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

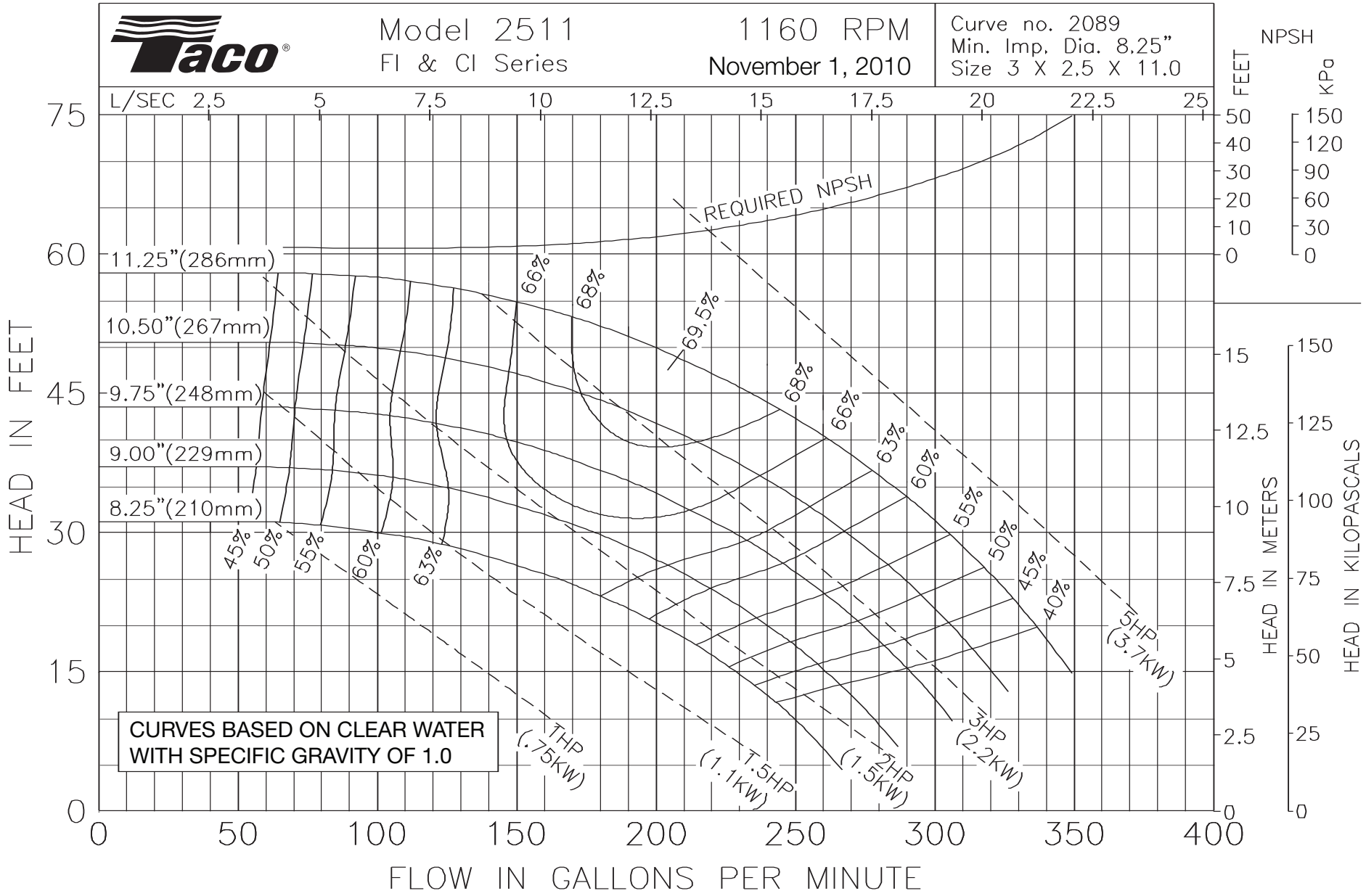

Taco
Model 2009
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2325
Min. Imp. Dia. 6"
Size 2.5 X 2 X 9
L/SEC
NPSH
FEET
KPa
REQUIRED NPSH
9.0"(229.0mm)
8.25"(210.0mm)
7.5"(191.0mm)
6.75"(171.5mm)
6.0"(152.0mm)
50%
52%
54%
56%
58%
60%
62%
64%
66%
2HP(1.5KW)
1.5HP(1.1KW)
1.0HP(.75KW)
.75HP(.56KW)
0.5HP(.37KW)
.33HP(.25KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

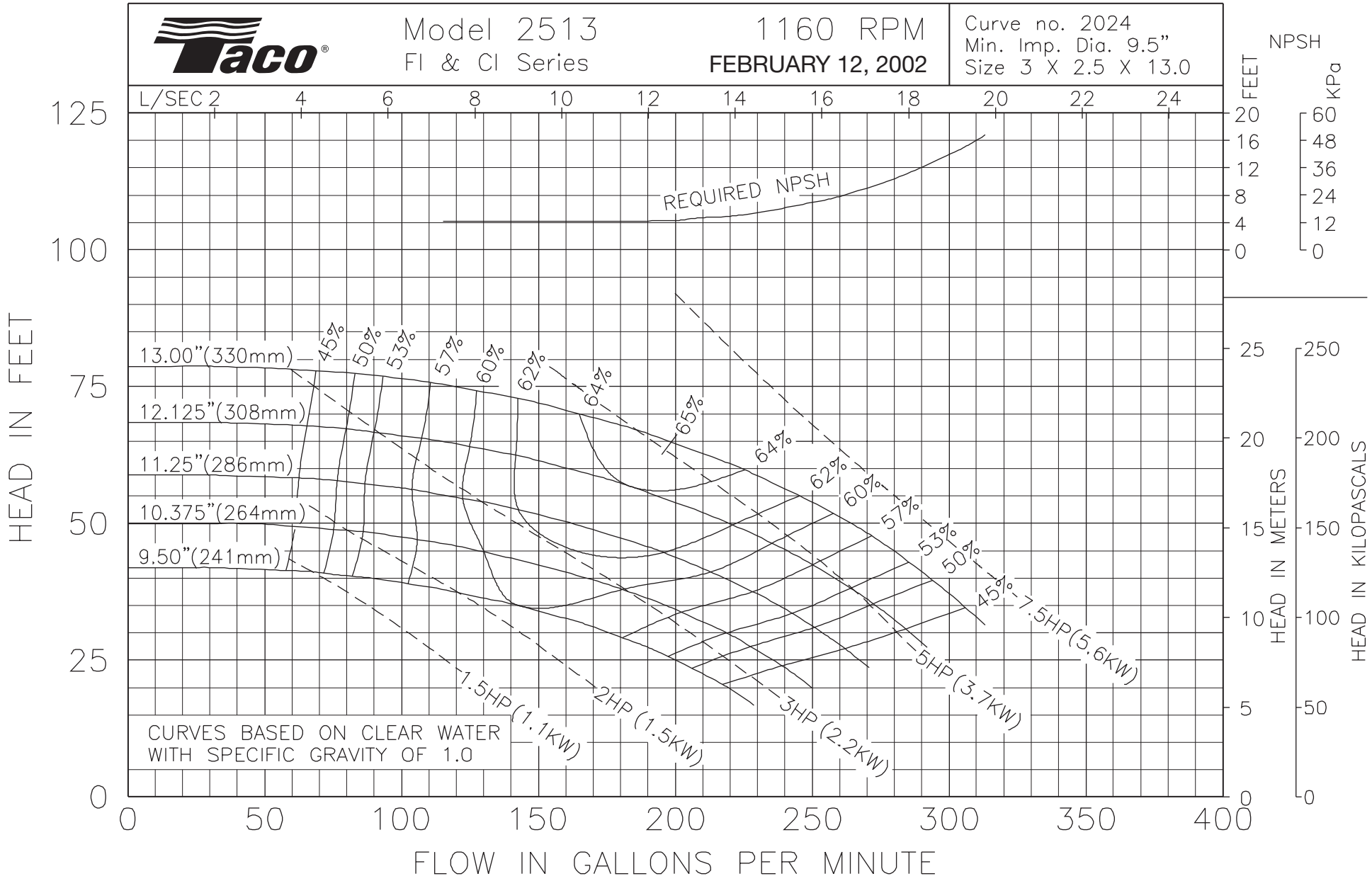

Taco
Model 2507
FI & CI Series
1160 RPM
FEBRUARY 15, 2002
Curve no. 2063
Min. Imp. Dia. 5.50"
Size 3 X 2.5 X 7.0
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25
NPSH
FEET
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
50%
55%
60%
63%
67%
70%
72%
74%
72%
70%
67%
63%
60%
55%
50%
45%
2HP(1.5KW)
1.5HP(1.1KW)
1HP(.75KW)
.75HP(.56KW)
.50HP(.37KW)
.33HP(.25KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 50 100 150 200 250 300 350 400
FLOW IN GALLONS PER MINUTE

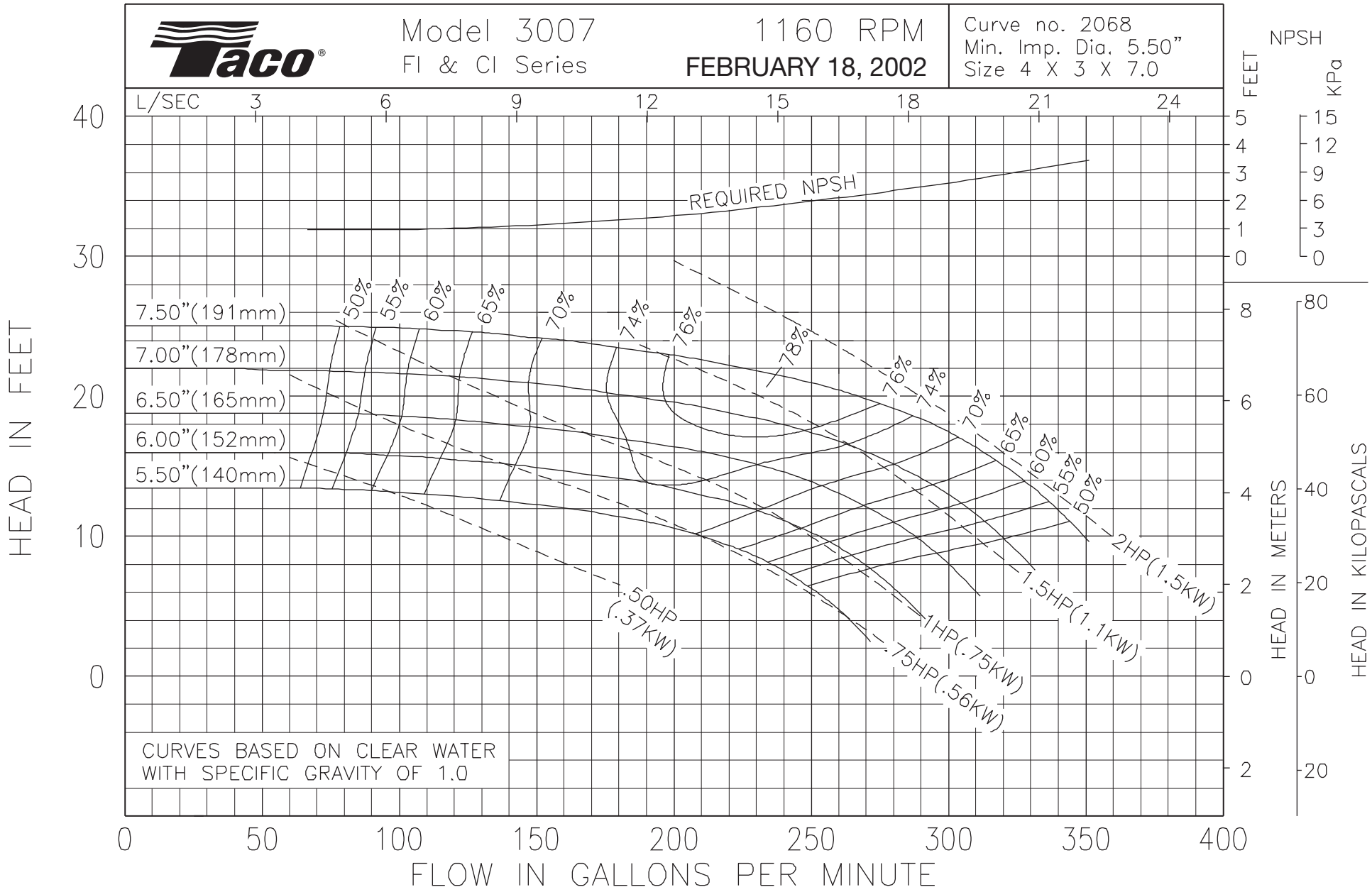

Taco
Model 2508
CI/FI Series
1160 RPM
NOVEMBER, 12, 2002
Curve no. 2222
Min. Imp. Dia 6.7"
Size 3 X 2.5 X 8.5
NPSH
FEET
KPa
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25
REQUIRED NPSH
8.7"(221mm)
8.2"(208mm)
7.7"(196mm)
7.2"(183mm)
6.7"(170mm)
50%
54%
58%
62%
64%
66%
68%
70%
72%
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.1KW)
1.0HP(.75KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

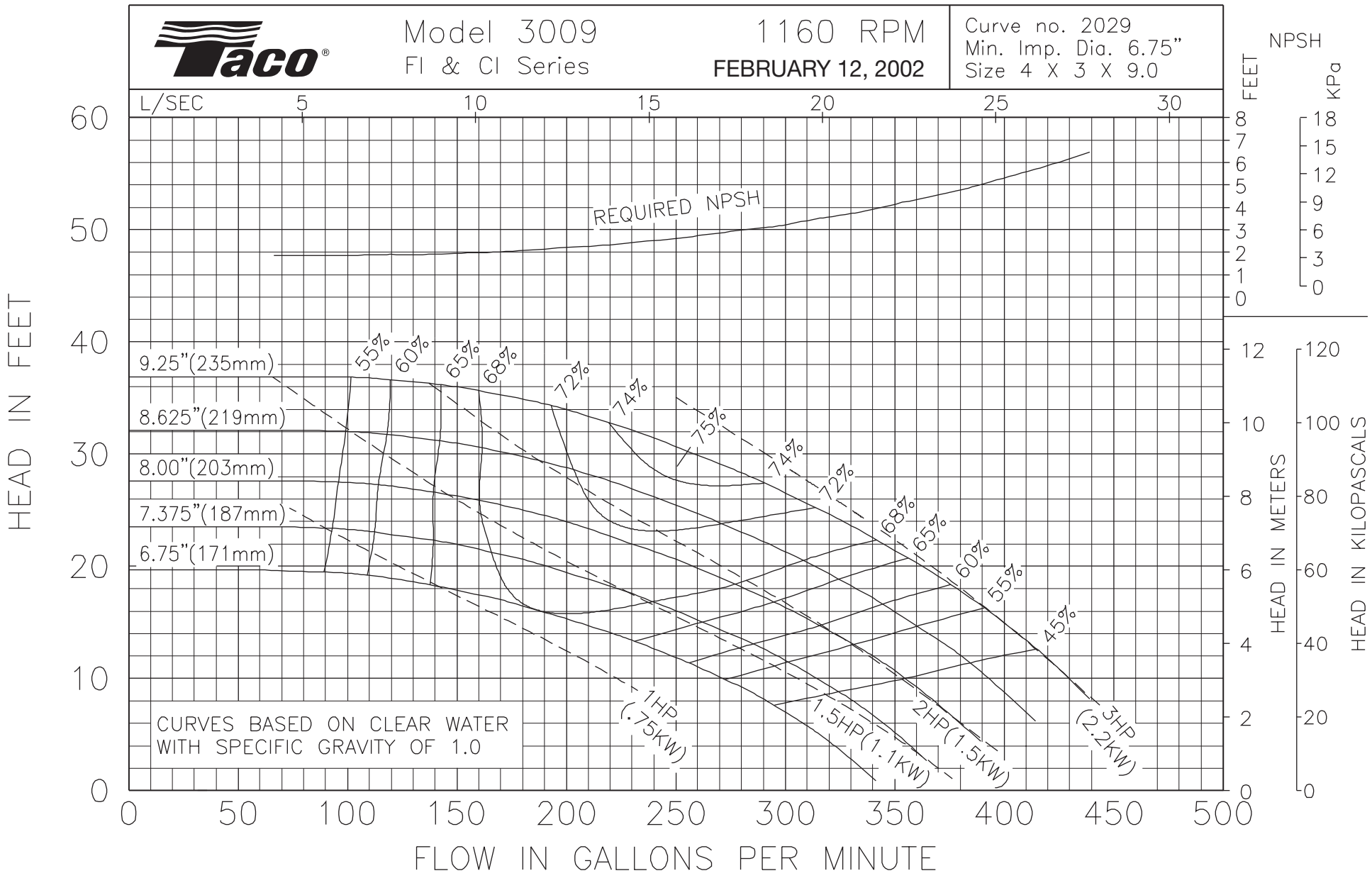

Taco
Model 2509
FI & CI Series
1160 RPM
FEBRUARY 14, 2002
Curve no. 2083
Min. Imp. Dia. 6.75"
Size 3 X 2.5 X 9.0
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
40%
45%
50%
55%
60%
63%
65%
65.5%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
.50HP (.37KW)
.75HP (.56KW)
1HP(.75KW)
1.5HP(1.1KW)
2HP(1.5KW)
3HP(2.2KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

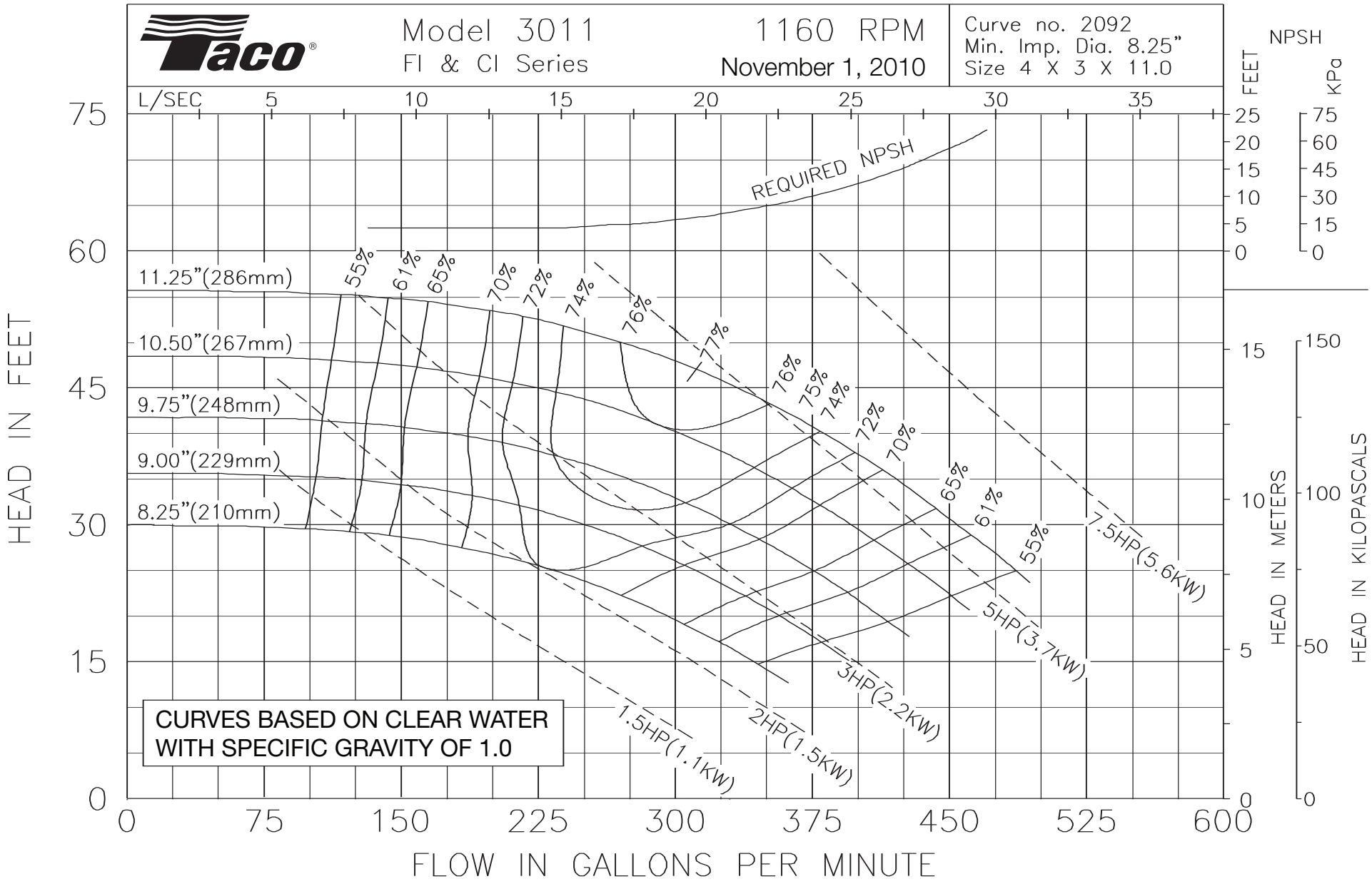

Model 2510C
FI & CI Series
1160 RPM
January 20, 2012
Curve no. 2661
Min. Imp. Dia. 7.00"
Size 3 x 2.5 x 10.0
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
10.00"(254mm)
9.25"(235mm)
8.50"(216mm)
7.75"(197mm)
7.00"(178mm)
5HP(3.75KW)
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.12KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

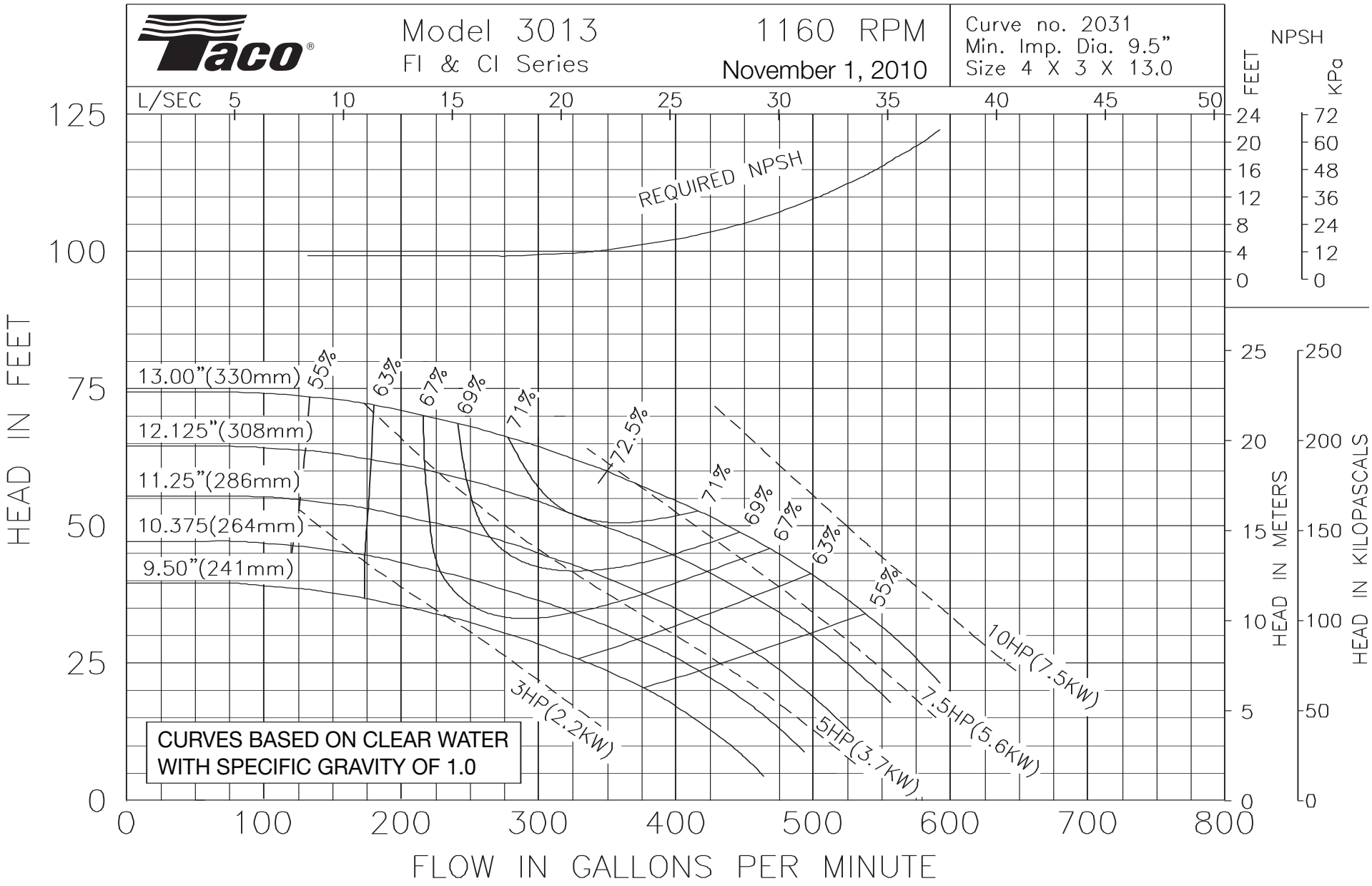

Taco
Model 2511
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2089
Min. Imp. Dia. 8.25"
Size 3 X 2.5 X 11.0
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25
NPSH
FEET
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
66%
68%
69.5%
68%
66%
63%
60%
55%
50%
45%
40%
45%
50%
55%
60%
63%
1HP (.75KW)
1.5HP (1.1KW)
2HP (1.5KW)
3HP (2.2KW)
5HP (3.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

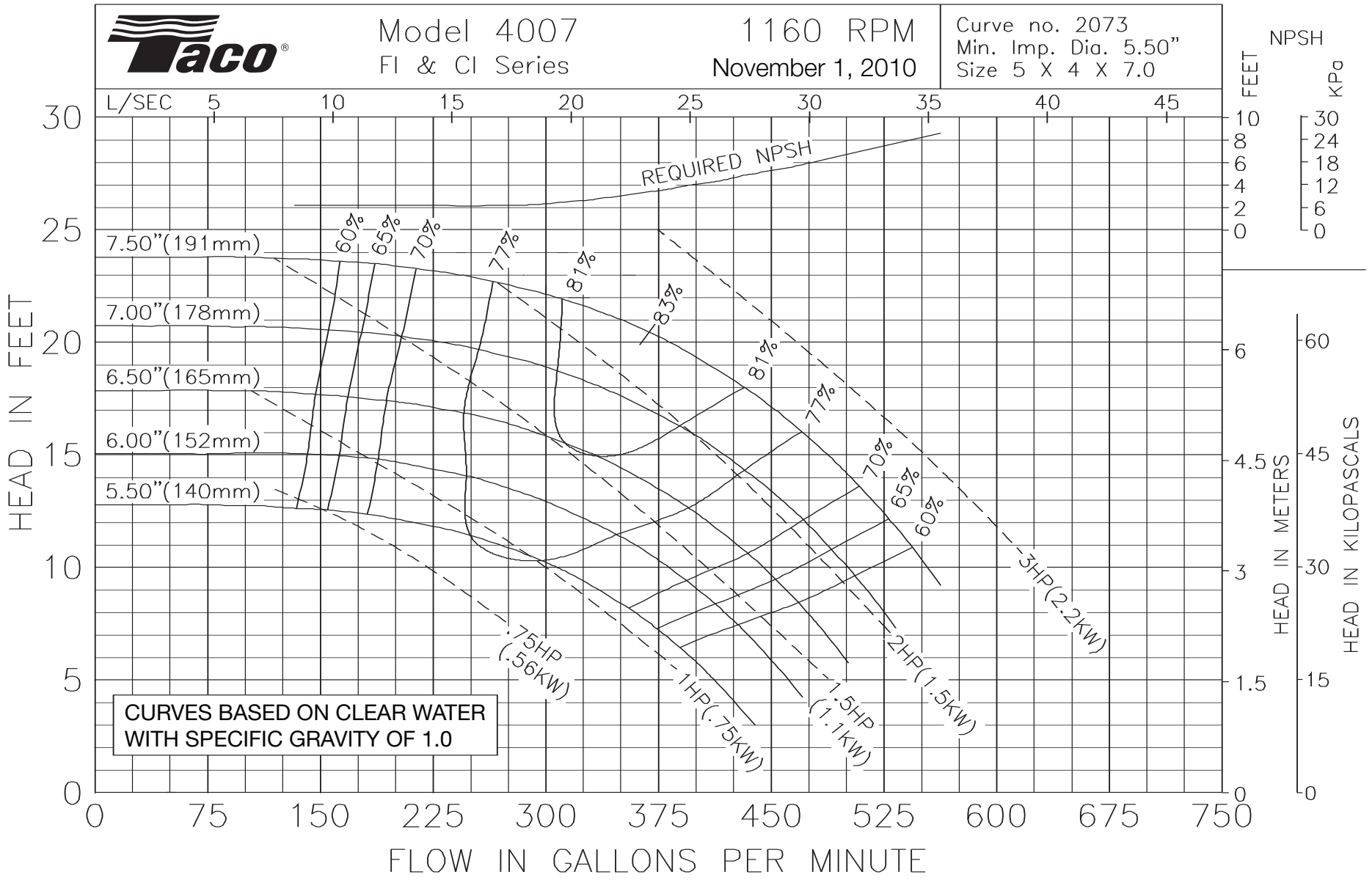

Taco
Model 2513
FI & CI Series
1160 RPM
FEBRUARY 12, 2002
Curve no. 2024
Min. Imp. Dia. 9.5"
Size 3 X 2.5 X 13.0
L/SEC 2 4 6 8 10 12 14 16 18 20 22 24
NPSH
FEET
KPa
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375"(264mm)
9.50"(241mm)
45%
50%
53%
57%
60%
62%
64%
65%
1.5HP (1.1KW)
2HP (1.5KW)
3HP (2.2KW)
5HP (3.7KW)
7.5HP (5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

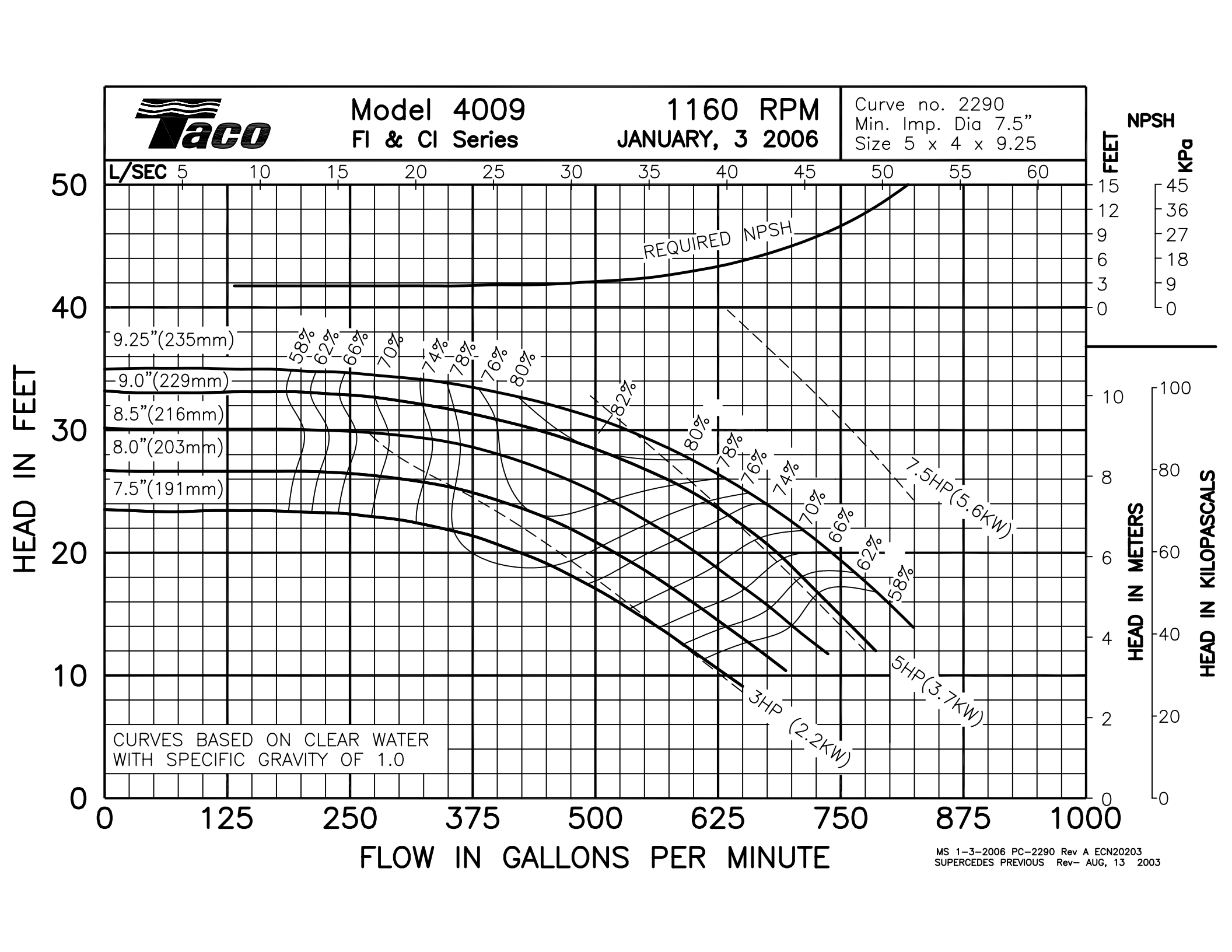

Taco
Model 3007
FI & CI Series
1160 RPM
FEBRUARY 18, 2002
Curve no. 2068
Min. Imp. Dia. 5.50"
Size 4 X 3 X 7.0
L/SEC
3
6
9
12
15
18
21
24
FEET
NPSH
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
50%
55%
60%
65%
70%
74%
76%
78%
.50HP (.37KW)
.75HP(.56KW)
1HP(.75KW)
1.5HP(1.1KW)
2HP(1.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

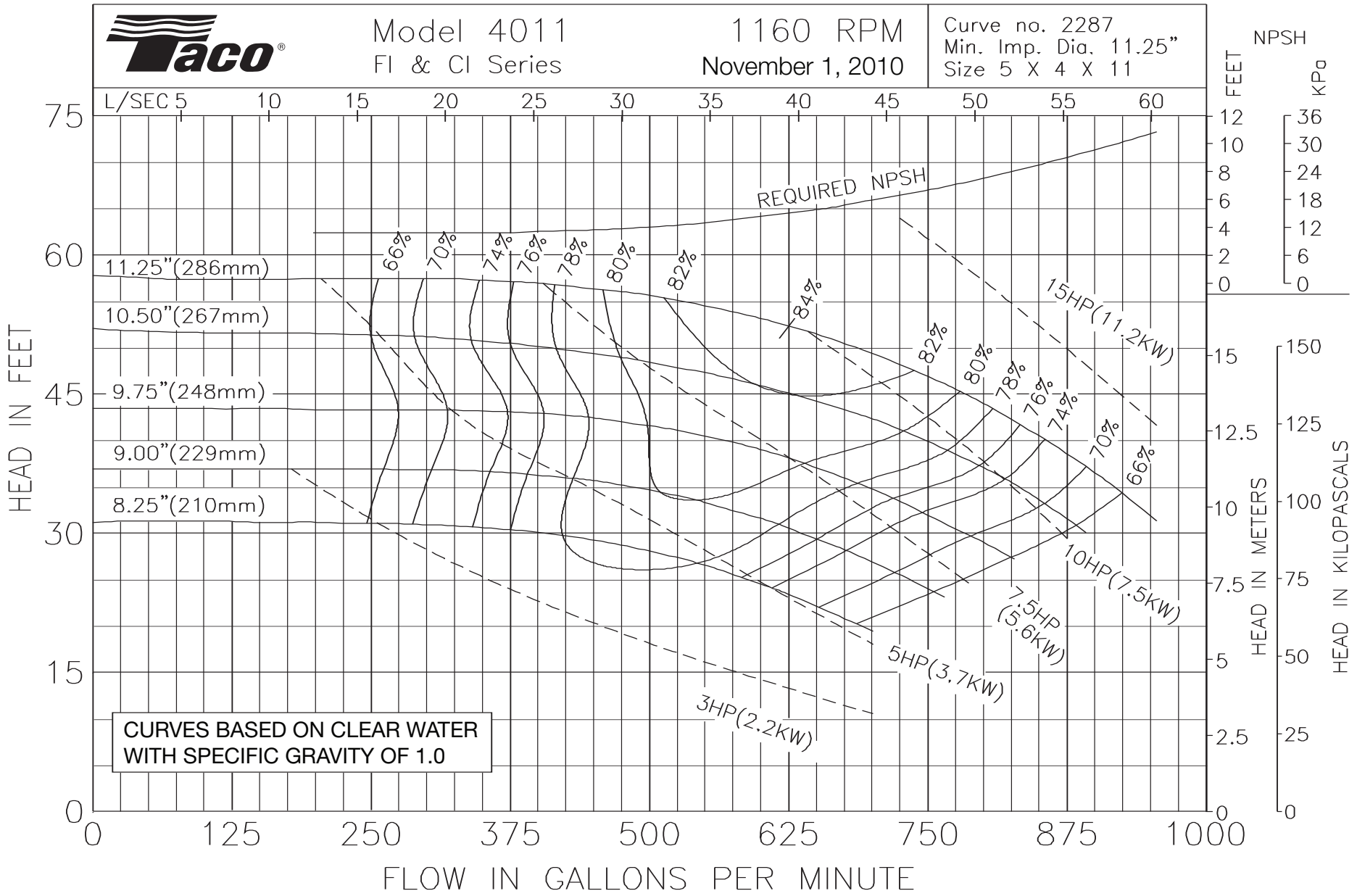

Taco
Model 3009
FI & CI Series
1160 RPM
FEBRUARY 12, 2002
Curve no. 2029
Min. Imp. Dia. 6.75"
Size 4 X 3 X 9.0
L/SEC
5
10
15
20
25
30
NPSH
FEET
KPa
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
55%
60%
65%
68%
72%
74%
75%
74%
72%
68%
65%
60%
55%
45%
1HP (.75KW)
1.5HP(1.1KW)
2HP(1.5KW)
3HP (2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

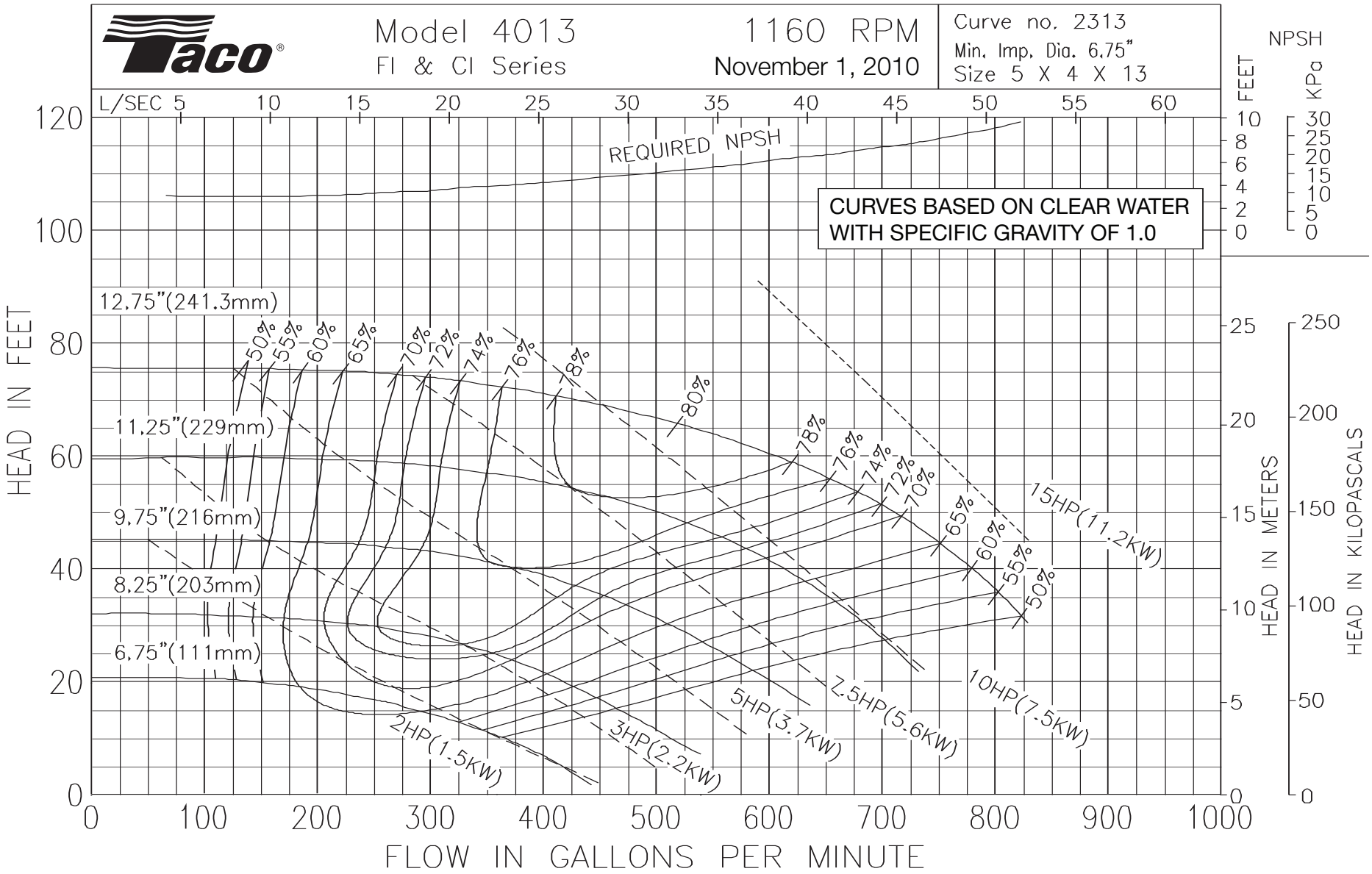

Taco
Model 3011
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2092
Min. Imp. Dia. 8.25"
Size 4 X 3 X 11.0
L/SEC
5
10
15
20
25
30
35
NPSH
FEET
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
55%
61%
65%
70%
72%
74%
76%
77%
75%
1.5HP(1.1KW)
2HP(1.5KW)
3HP(2.2KW)
5HP(3.7KW)
7.5HP(5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0
75
150
225
300
375
450
525
600
45
60

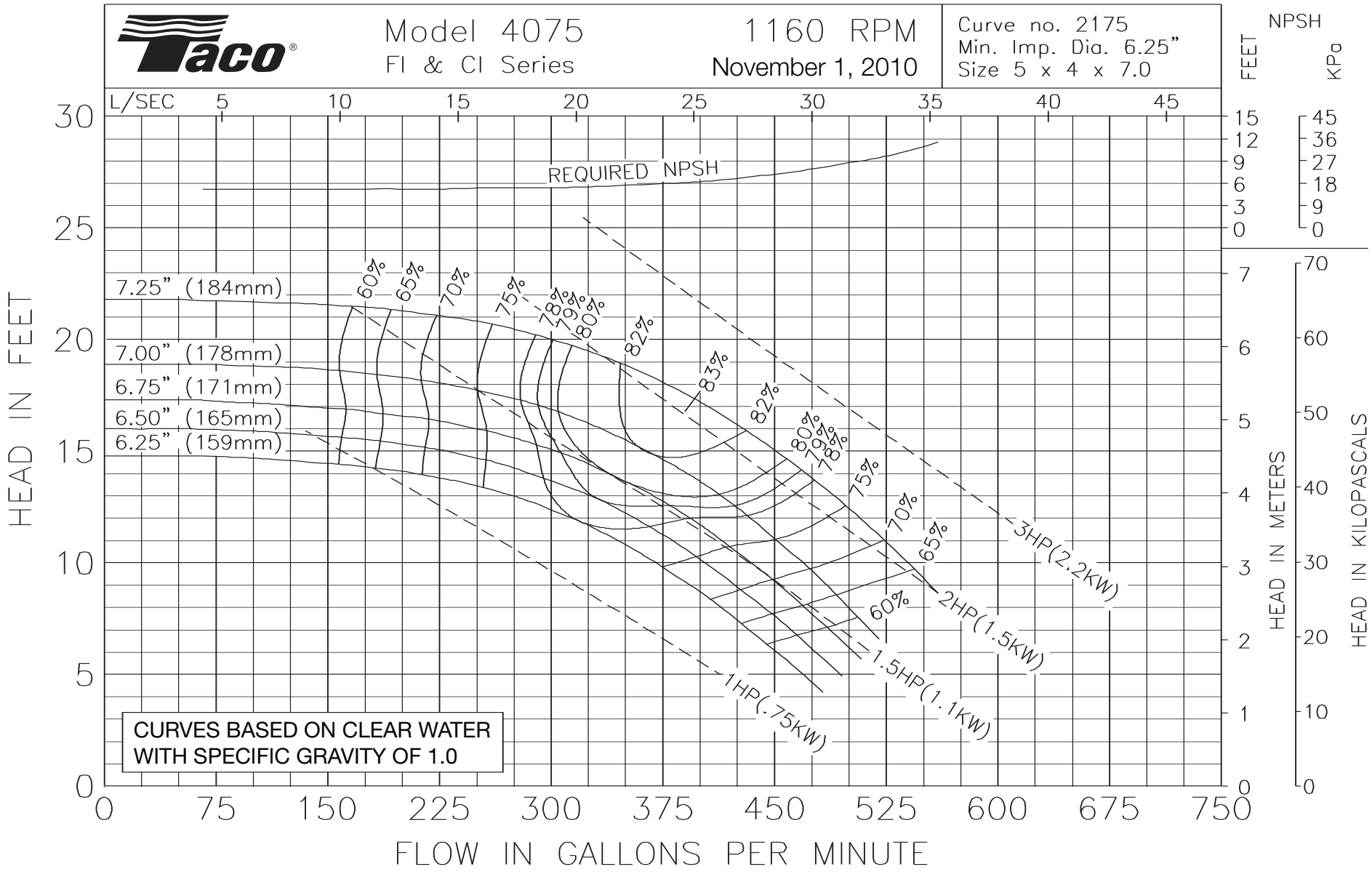

Taco
Model 3013
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2031
Min. Imp. Dia. 9.5"
Size 4 X 3 X 13.0
L/SEC 5 10 15 20 25 30 35 40 45 50
NPSH
FEET
KPa
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375(264mm)
9.50"(241mm)
55%
63%
67%
69%
71%
72.5%
10HP(7.5KW)
7.5HP(5.6KW)
5HP(3.7KW)
3HP(2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

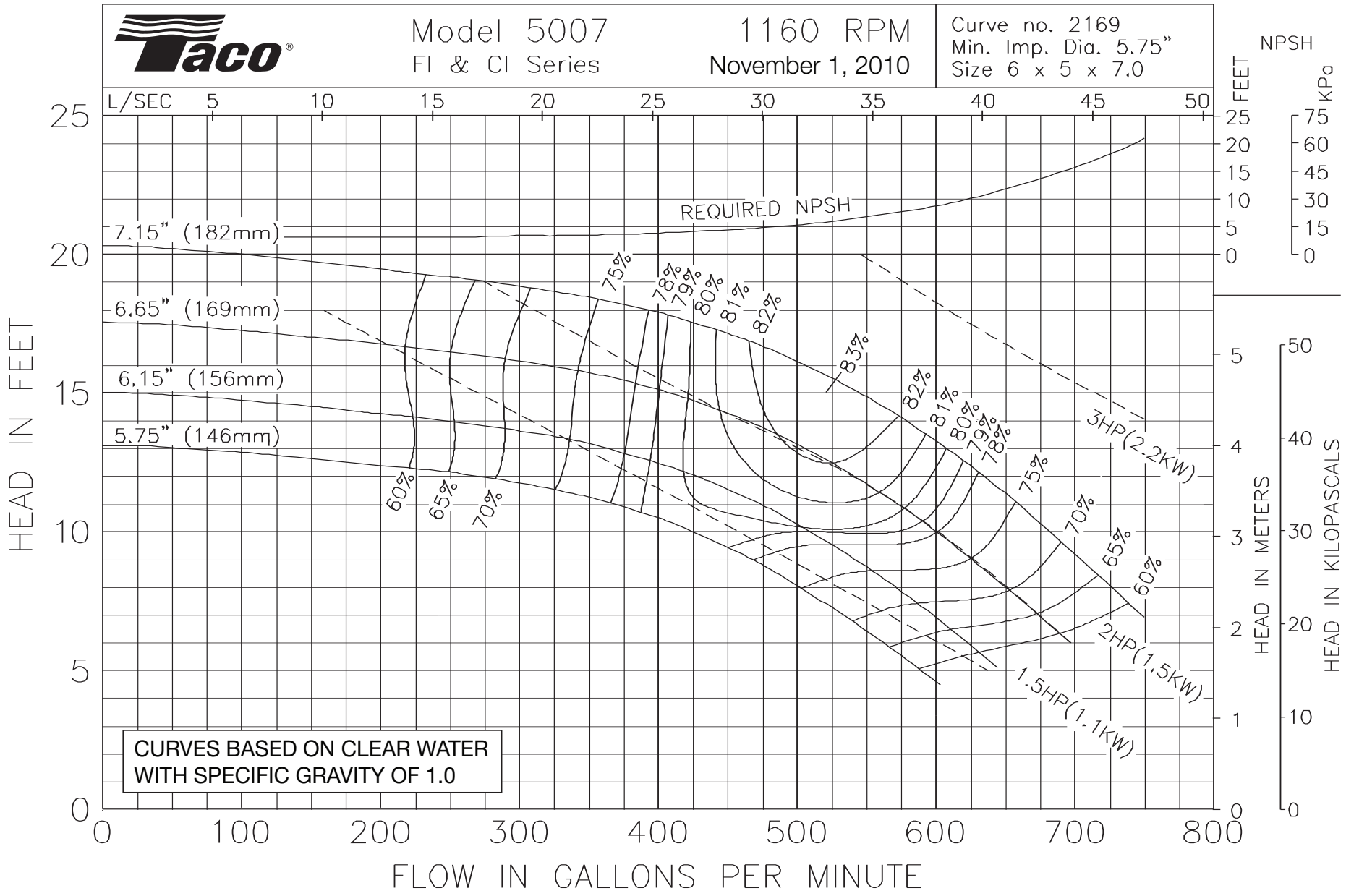

Taco
Model 4007
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2073
Min. Imp. Dia. 5.50"
Size 5 X 4 X 7.0
L/SEC
FEET
NPSH
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
60%
65%
70%
77%
81%
83%
3HP(2.2KW)
2HP(1.5KW)
1.5HP (1.1KW)
1HP(.75KW)
.75HP (.56KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

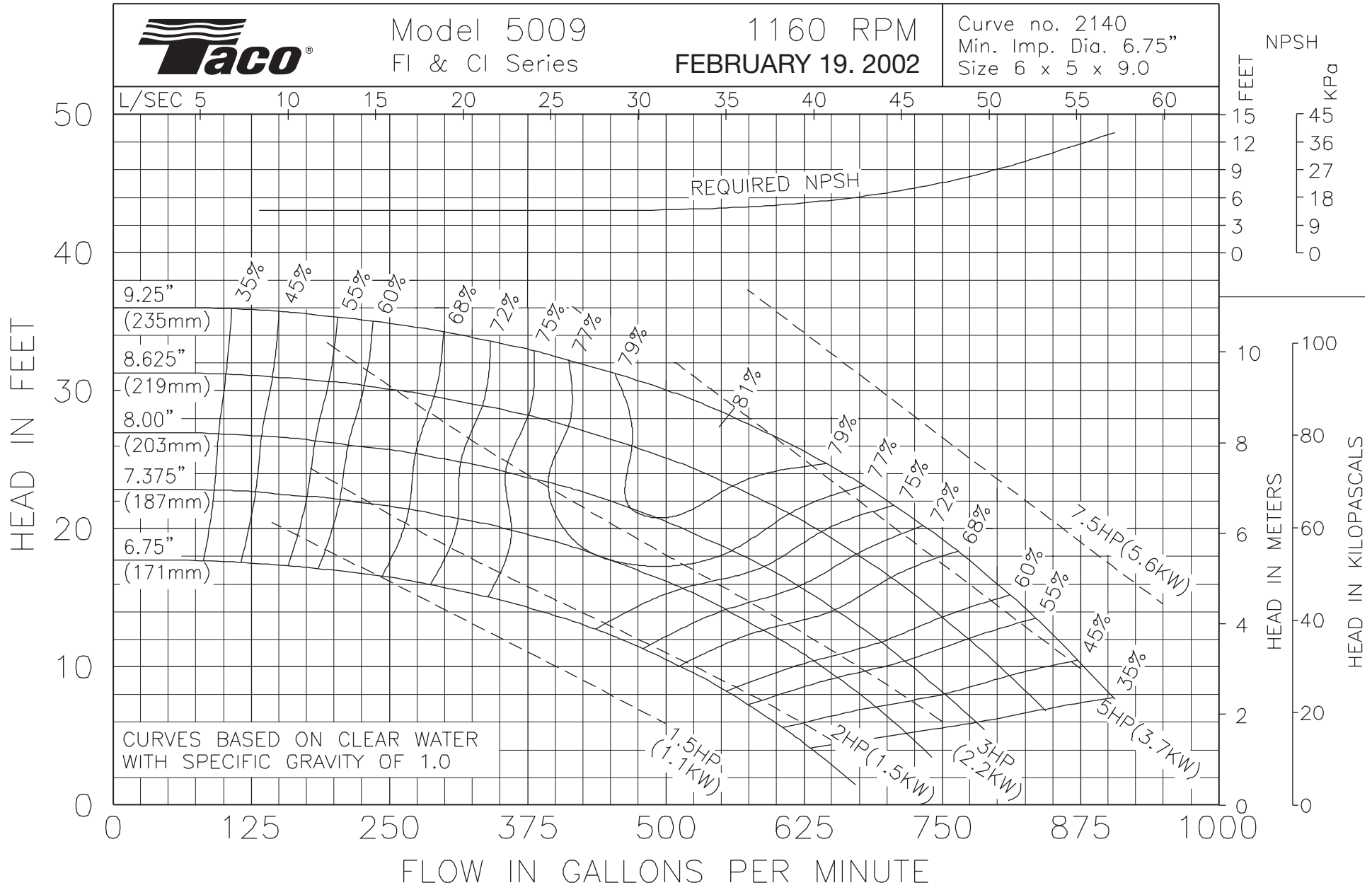

Taco
Model 4009
FI & CI Series
1160 RPM
JANUARY, 3 2006
Curve no. 2290
Min. Imp. Dia 7.5"
Size 5 x 4 x 9.25
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
NPSH
FEET 15 12 9 6 3 0
KPa 45 36 27 18 9 0
REQUIRED NPSH
9.25"(235mm)
9.0"(229mm)
8.5"(216mm)
8.0"(203mm)
7.5"(191mm)
58% 62% 66% 70% 74% 78% 76% 80%
82% 80% 78% 76% 74% 70% 66% 62% 58%
7.5HP(5.6KW)
5HP(3.7KW)
3HP (2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
0 10 20 30 40 50
HEAD IN METERS
0 2 4 6 8 10
HEAD IN KILOPASCALS
0 20 40 60 80 100
0 125 250 375 500 625 750 875 1000
FLOW IN GALLONS PER MINUTE
MS 1-3-2006 PC-2290 Rev A ECN20203
SUPERCEDES PREVIOUS Rev- AUG, 13 2003

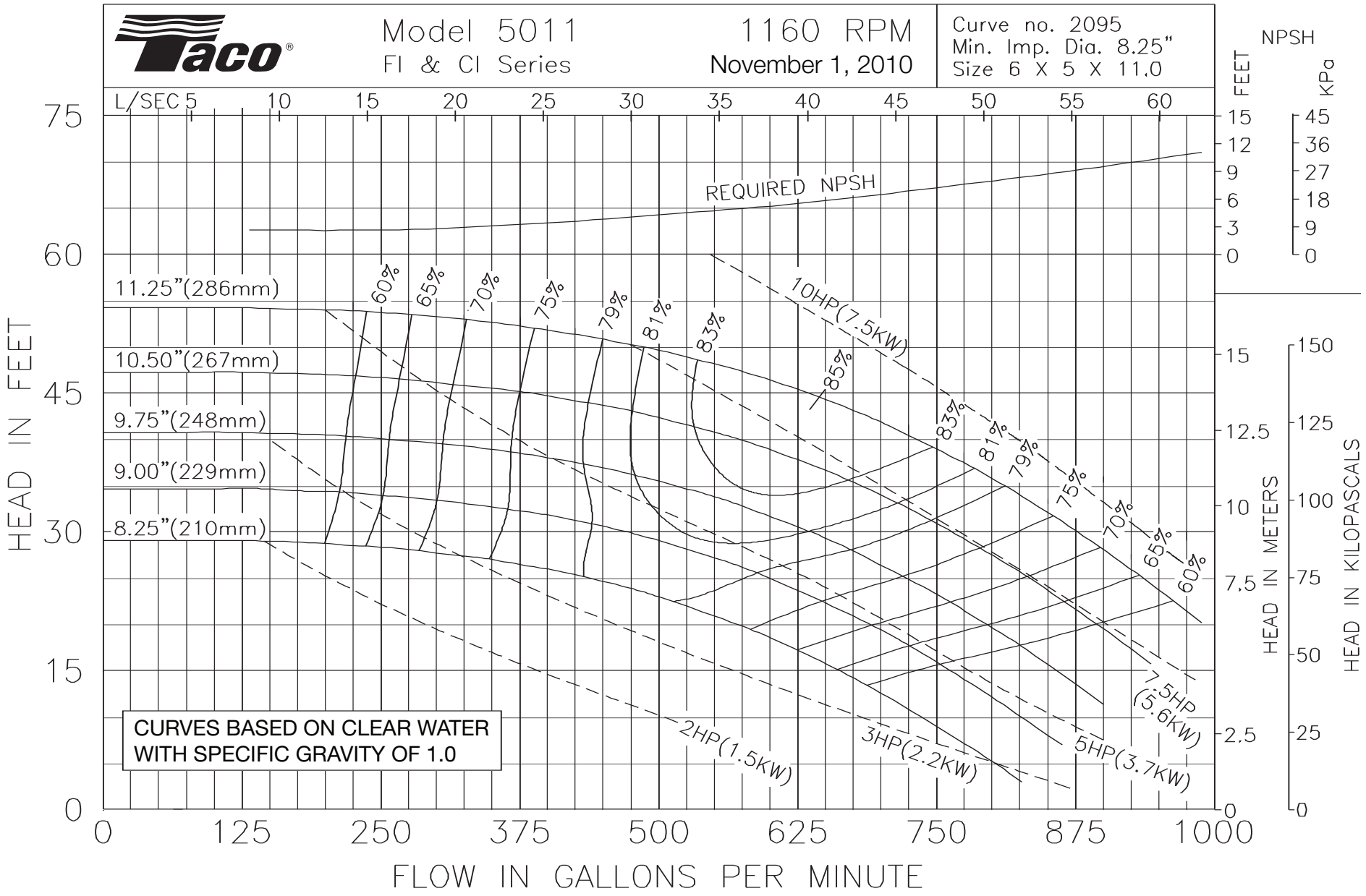

Taco
Model 4011
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2287
Min. Imp. Dia. 11.25"
Size 5 X 4 X 11
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
FEET
NPSH
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
66%
70%
74%
76%
78%
80%
82%
84%
15HP(11.2KW)
10HP(7.5KW)
7.5HP (5.6KW)
5HP(3.7KW)
3HP(2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

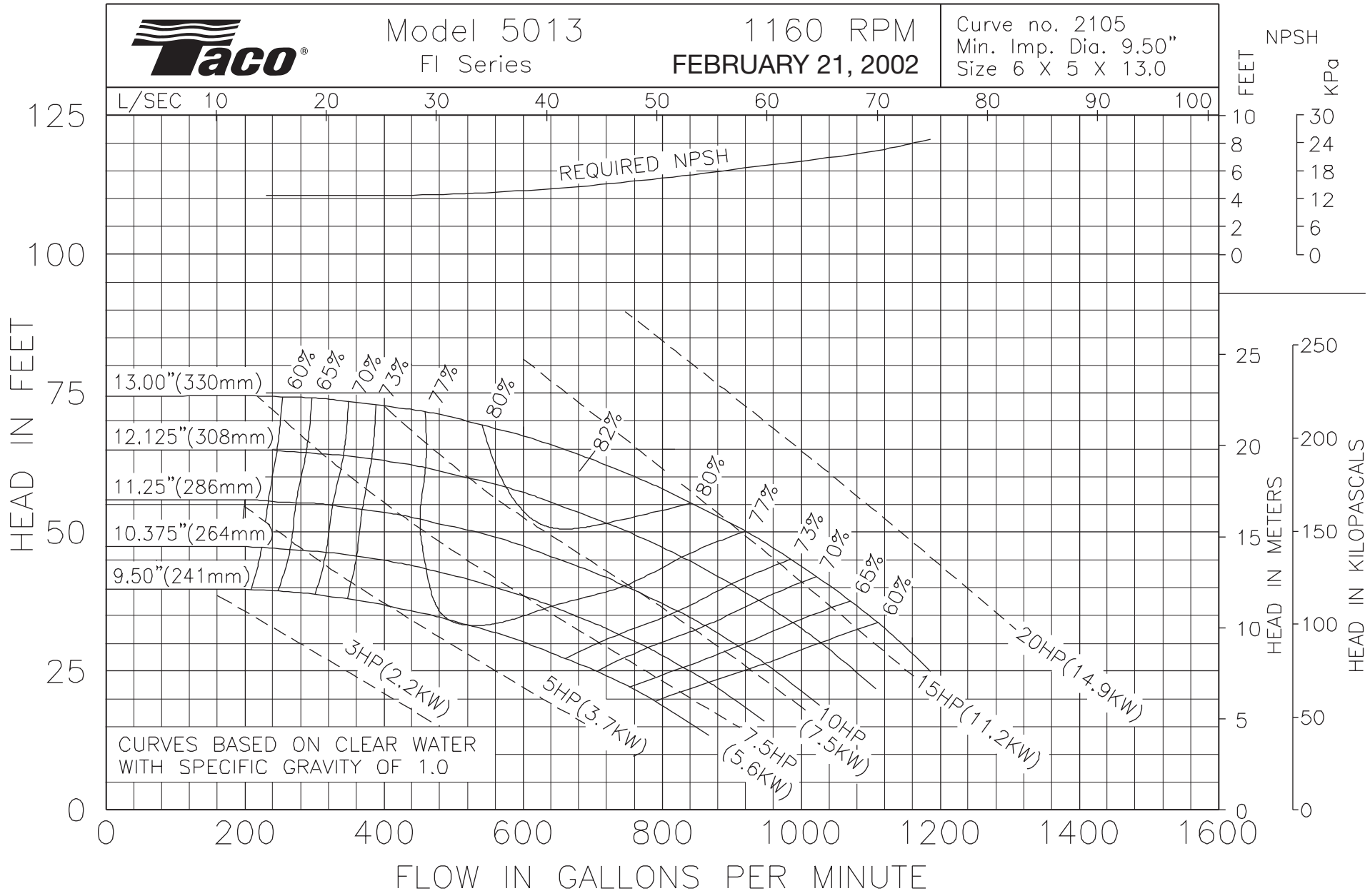

Taco
Model 4013
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2313
Min. Imp. Dia. 6.75"
Size 5 X 4 X 13
NPSH
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
REQUIRED NPSH
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
12.75"(241.3mm)
11.25"(229mm)
9.75"(216mm)
8.25"(203mm)
6.75"(111mm)
50%
55%
60%
65%
70%
72%
74%
76%
78%
80%
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
5HP(3.7KW)
3HP(2.2KW)
2HP(1.5KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

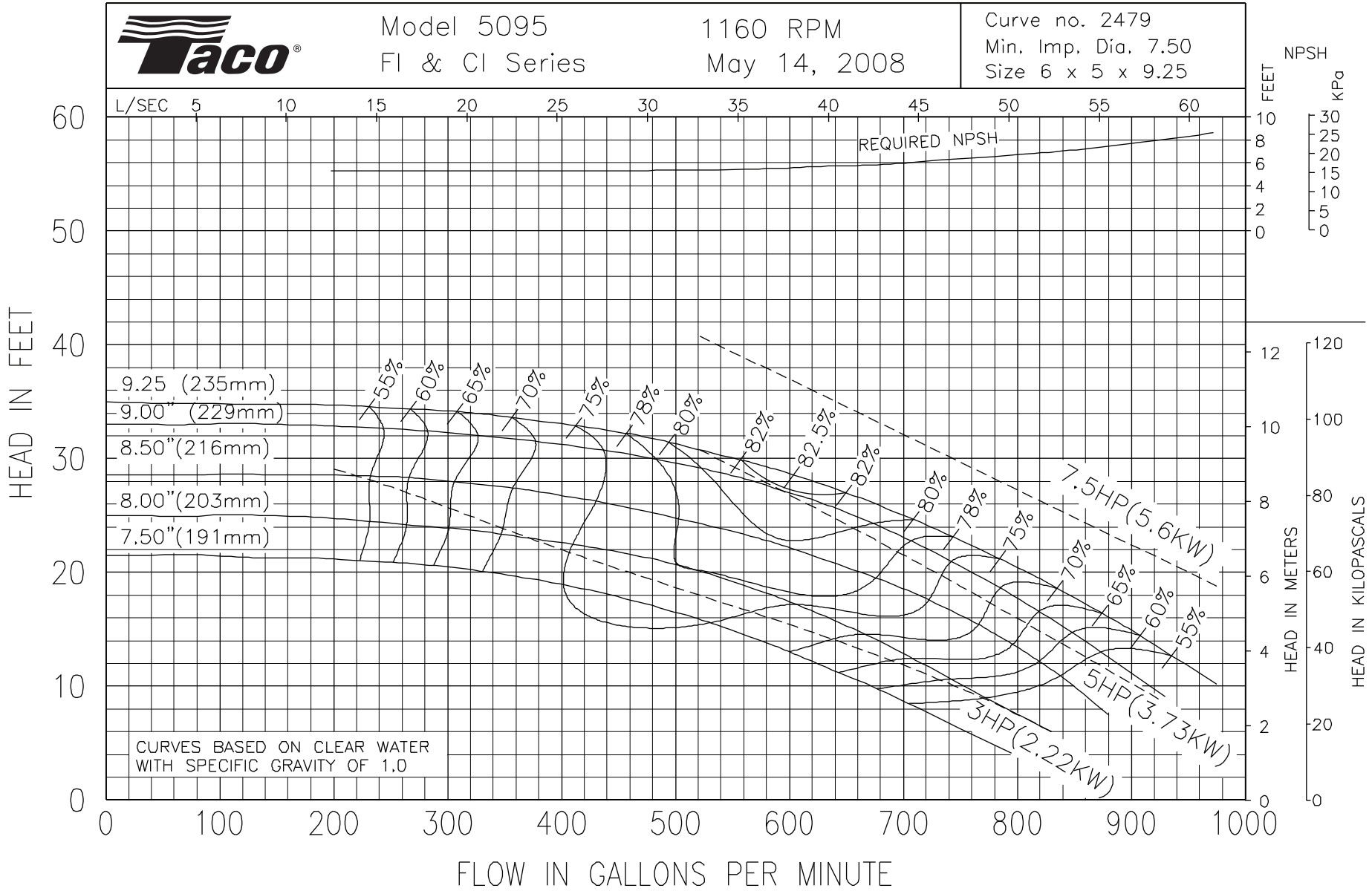

Taco
Model 4075
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2175
Min. Imp. Dia. 6.25"
Size 5 x 4 x 7.0
L/SEC
5
10
15
20
25
30
35
40
45
NPSH
FEET
KPa
15
12
9
6
3
0
45
36
27
18
9
0
REQUIRED NPSH
7.25" (184mm)
7.00" (178mm)
6.75" (171mm)
6.50" (165mm)
6.25" (159mm)
60%
65%
70%
75%
78%
79%
80%
82%
83%
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.1KW)
1HP(.75KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0
5
10
15
20
25
30
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
0
75
150
225
300
375
450
525
600
675
750
FLOW IN GALLONS PER MINUTE

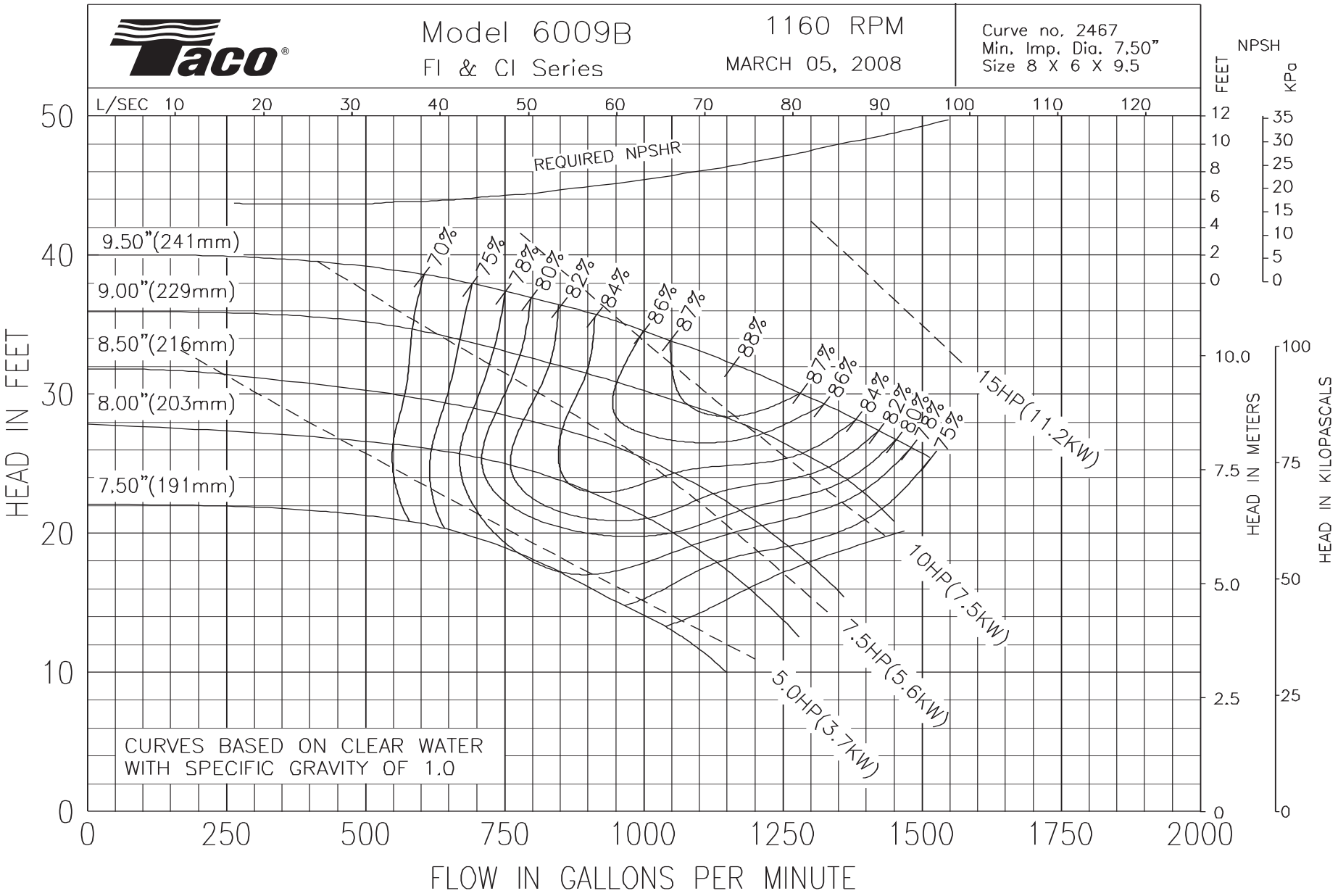

Taco
Model 5007
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2169
Min. Imp. Dia. 5.75"
Size 6 x 5 x 7.0
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
7.15" (182mm)
6.65" (169mm)
6.15" (156mm)
5.75" (146mm)
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.1KW)
60%
65%
70%
75%
78%
79%
80%
81%
82%
83%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

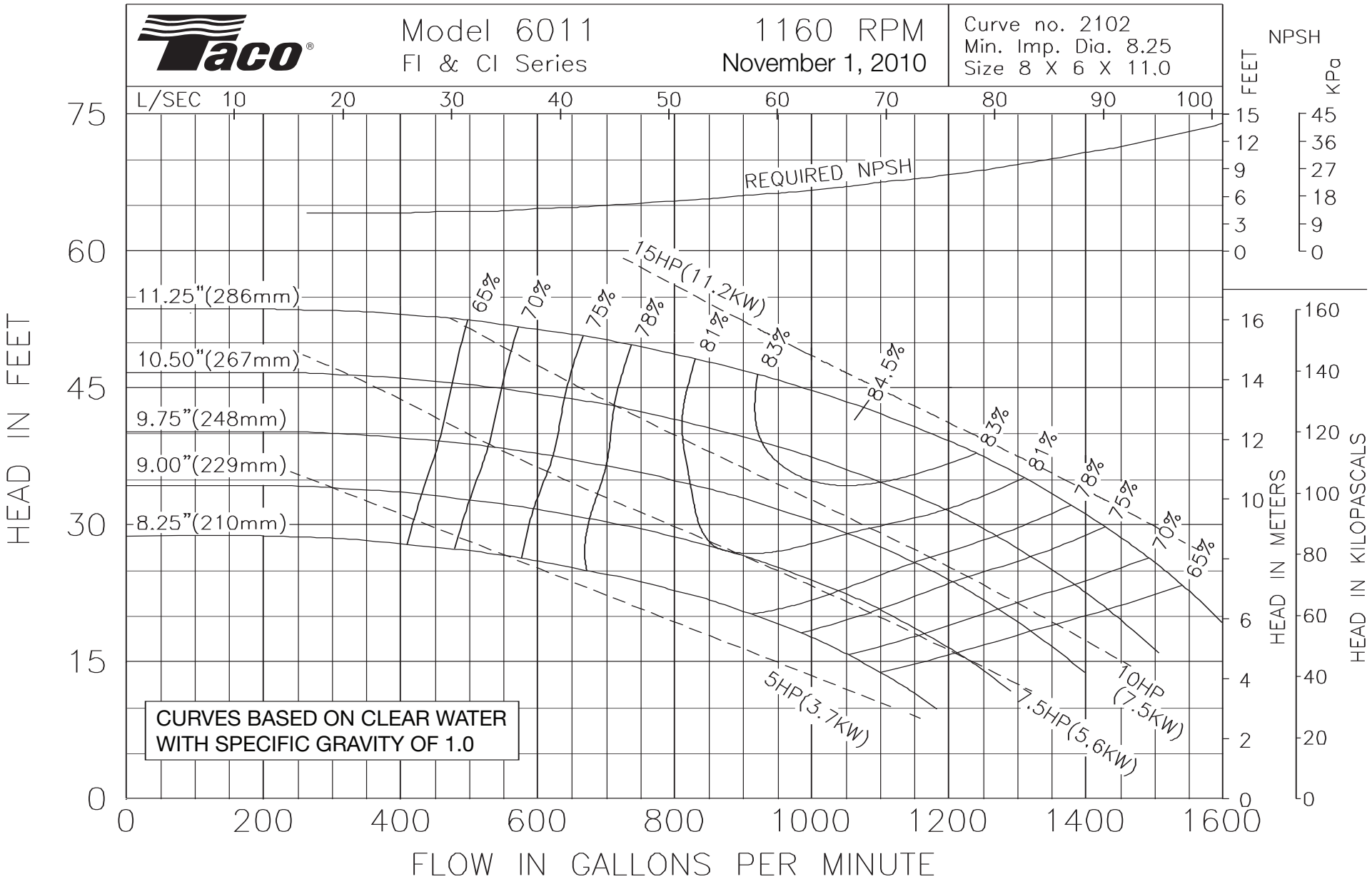

Taco
Model 5009
FI & CI Series
1160 RPM
FEBRUARY 19. 2002
Curve no. 2140
Min. Imp. Dia. 6.75"
Size 6 x 5 x 9.0
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
NPSH
FEET
KPa
REQUIRED NPSH
9.25" (235mm)
8.625" (219mm)
8.00" (203mm)
7.375" (187mm)
6.75" (171mm)
35%
45%
55%
60%
68%
72%
75%
77%
79%
81%
7.5HP(5.6KW)
5HP(3.7KW)
3HP (2.2KW)
2HP(1.5KW)
1.5HP (1.1KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0 125 250 375 500 625 750 875 1000
0 10 20 30 40 50
0 2 4 6 8 10
0 20 40 60 80 100
0 3 6 9 12 15
0 9 18 27 36 45

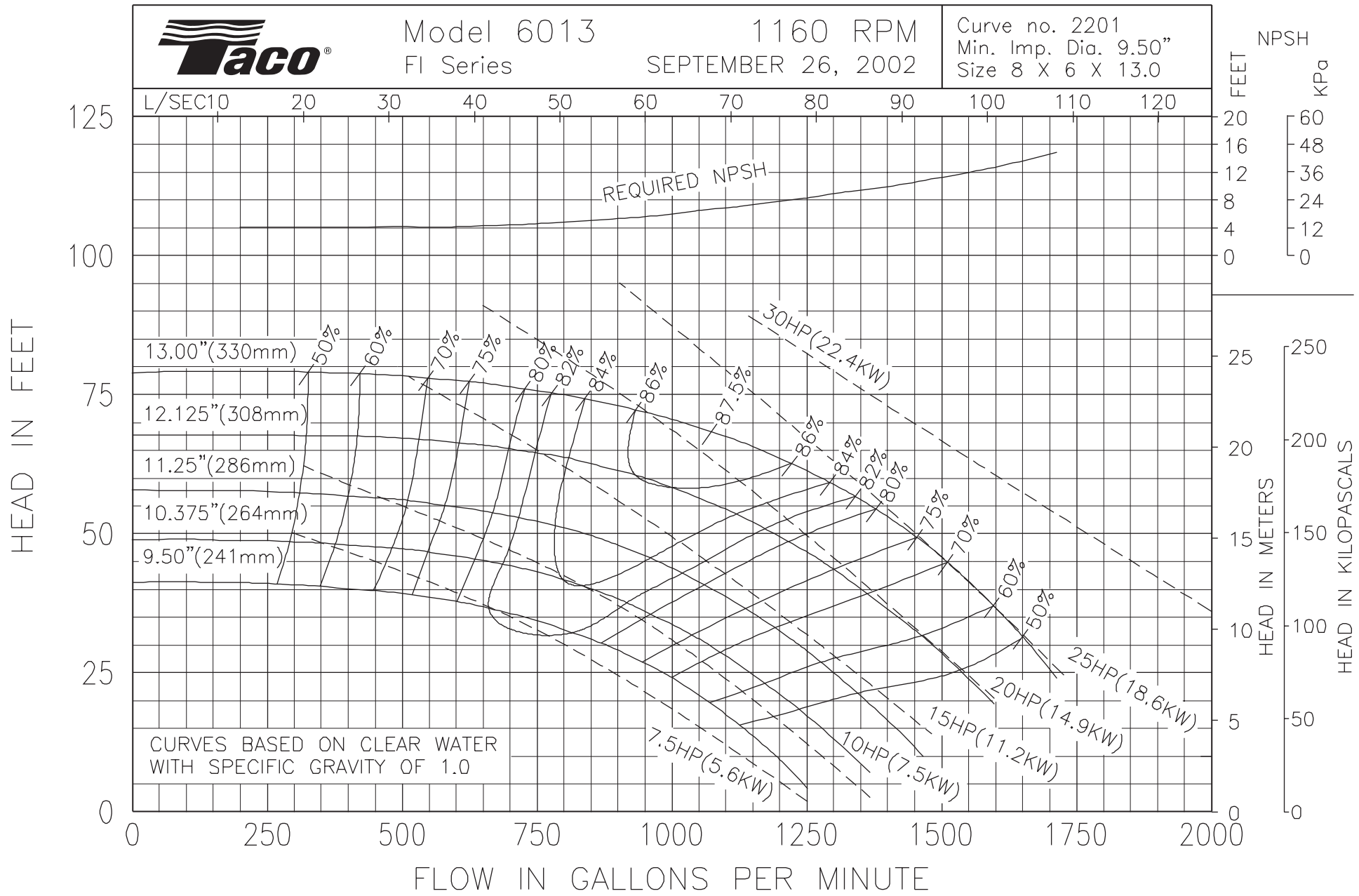

Taco
Model 5011
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2095
Min. Imp. Dia. 8.25"
Size 6 X 5 X 11.0
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
NPSH
FEET
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
60%
65%
70%
75%
79%
81%
83%
85%
10HP(7.5KW)
7.5HP (5.6KW)
5HP(3.7KW)
3HP(2.2KW)
2HP(1.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

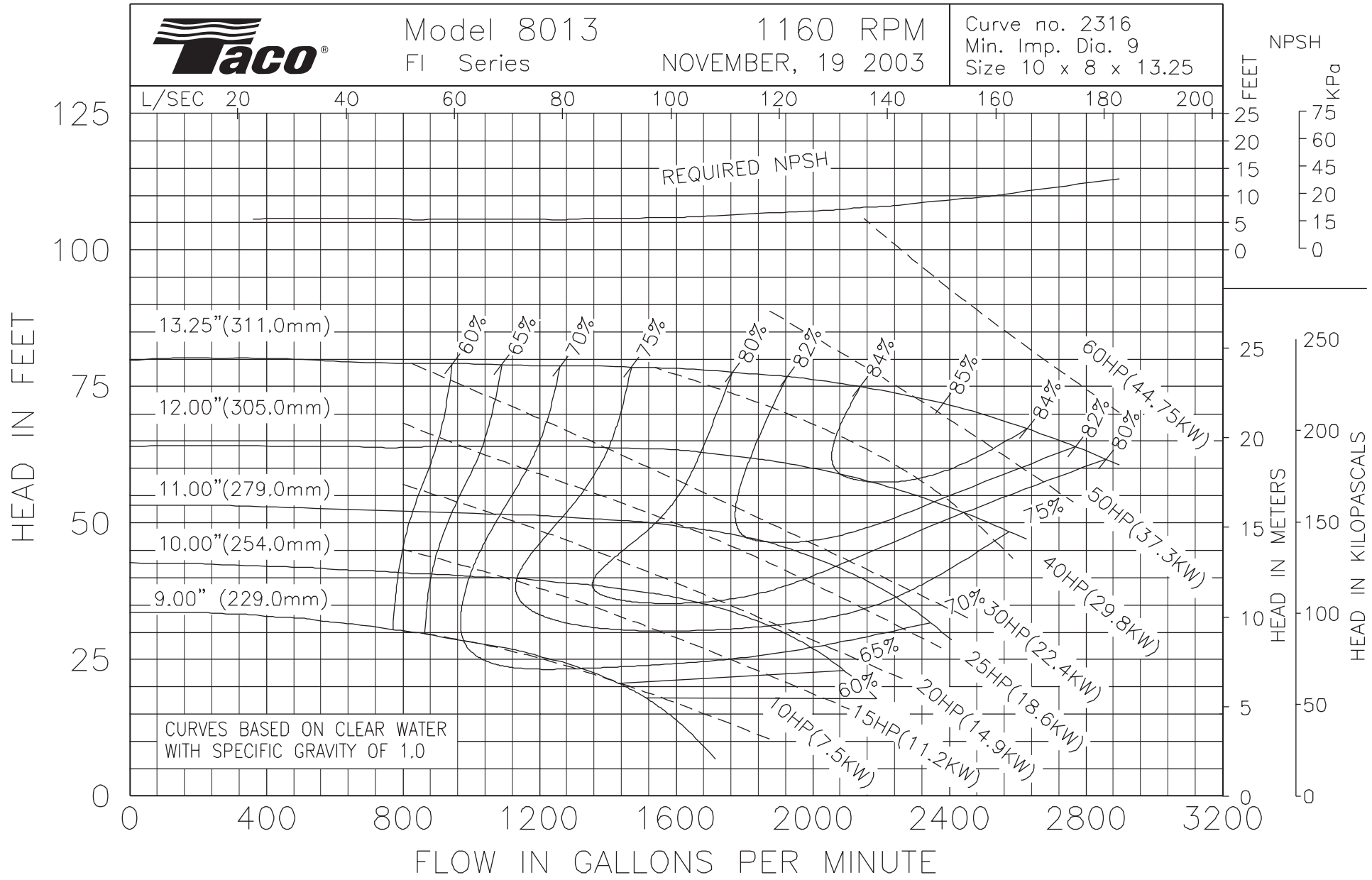

Taco
Model 5013
FI Series
1160 RPM
FEBRUARY 21, 2002
Curve no. 2105
Min. Imp. Dia. 9.50"
Size 6 X 5 X 13.0
L/SEC 10 20 30 40 50 60 70 80 90 100
FEET
NPSH
KPa
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375"(264mm)
9.50"(241mm)
60%
65%
70%
73%
77%
80%
82%
3HP(2.2KW)
5HP(3.7KW)
7.5HP (5.6KW)
10HP (7.5KW)
15HP(11.2KW)
20HP(14.9KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

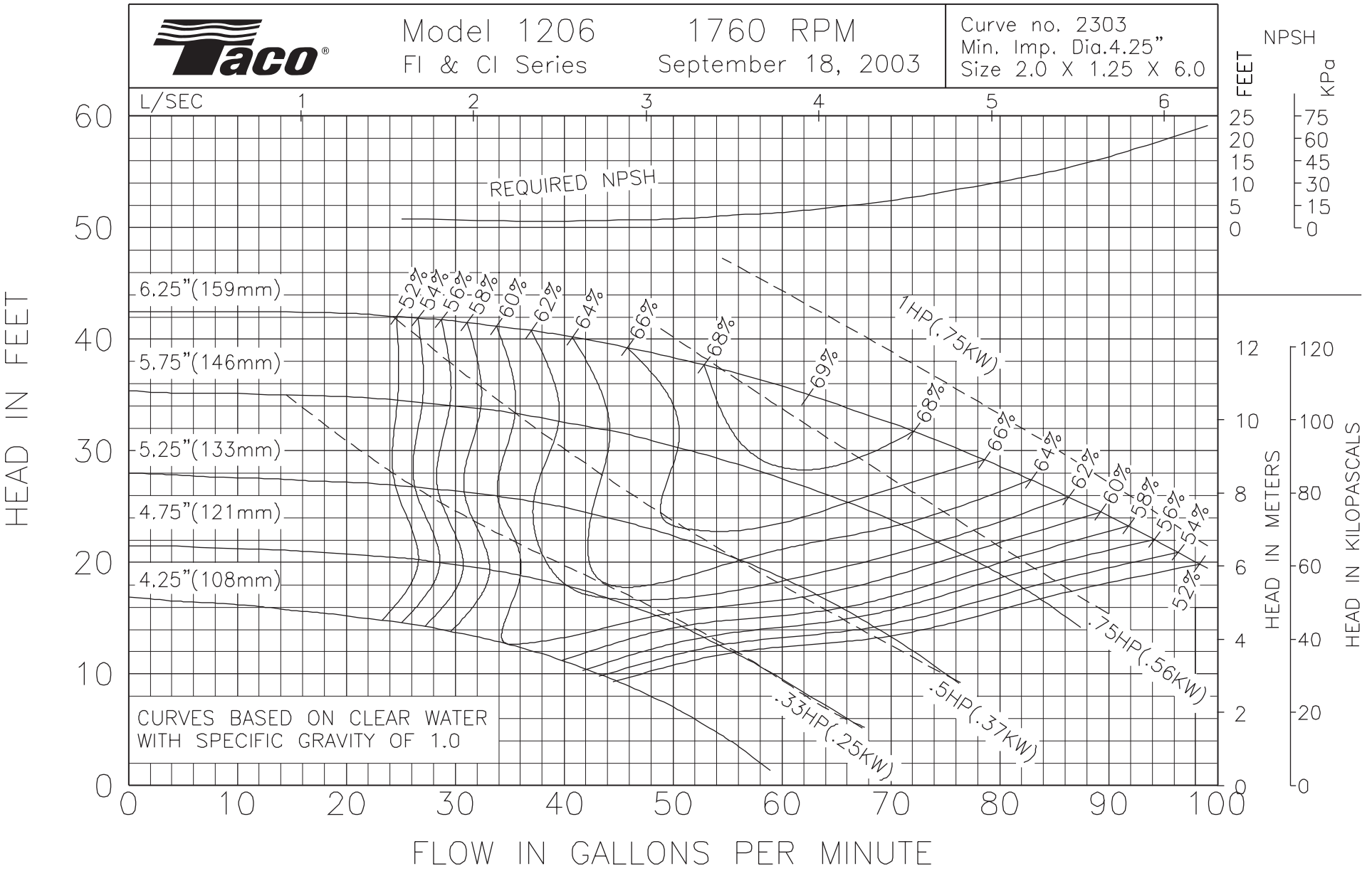

Taco
Model 5095
FI & CI Series
1160 RPM
May 14, 2008
Curve no. 2479
Min. Imp. Dia. 7.50
Size 6 x 5 x 9.25
L/SEC
REQUIRED NPSH
NPSH
FEET
KPa
9.25 (235mm)
9.00" (229mm)
8.50"(216mm)
8.00"(203mm)
7.50"(191mm)
55%
60%
65%
70%
75%
78%
80%
82%
82.5%
1.5HP(5.6KW)
5HP(3.73KW)
3HP(2.22KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

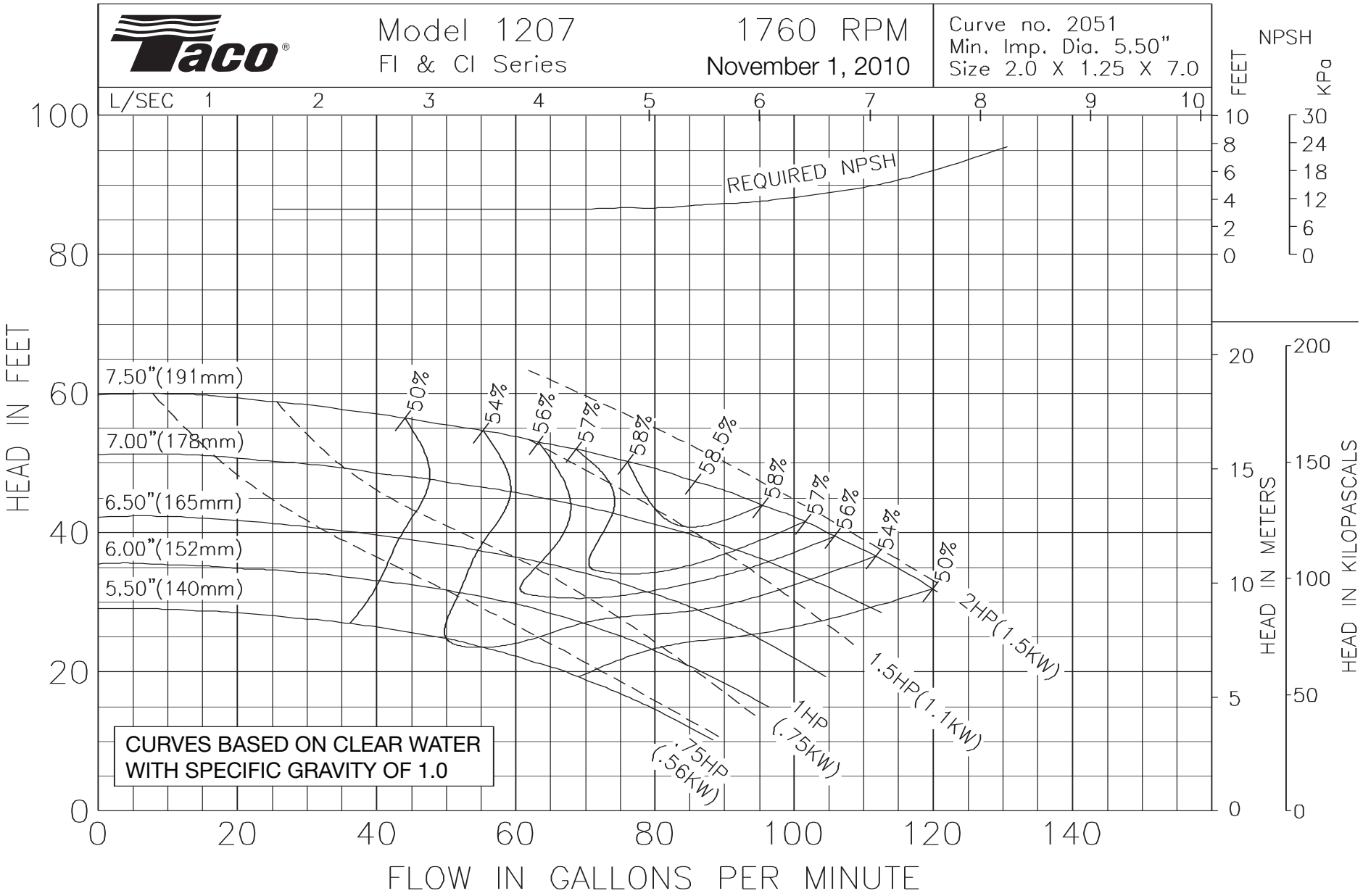

Taco
Model 6009B
FI & CI Series
1160 RPM
MARCH 05, 2008
Curve no. 2467
Min. Imp. Dia. 7.50"
Size 8 X 6 X 9.5
NPSH
FEET
KPa
L/SEC 10 20 30 40 50 60 70 80 90 100 110 120
REQUIRED NPSHR
9.50"(241mm)
9.00"(229mm)
8.50"(216mm)
8.00"(203mm)
7.50"(191mm)
70%
75%
78%
80%
82%
84%
86%
87%
88%
87%
86%
84%
82%
80%
75%
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
5.0HP(3.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0 250 500 750 1000 1250 1500 1750 2000
0 10 20 30 40 50
0 2.5 5.0 7.5 10.0
0 25 50 75 100
0 5 10 15 20 25 30 35
0 2 4 6 8 10 12

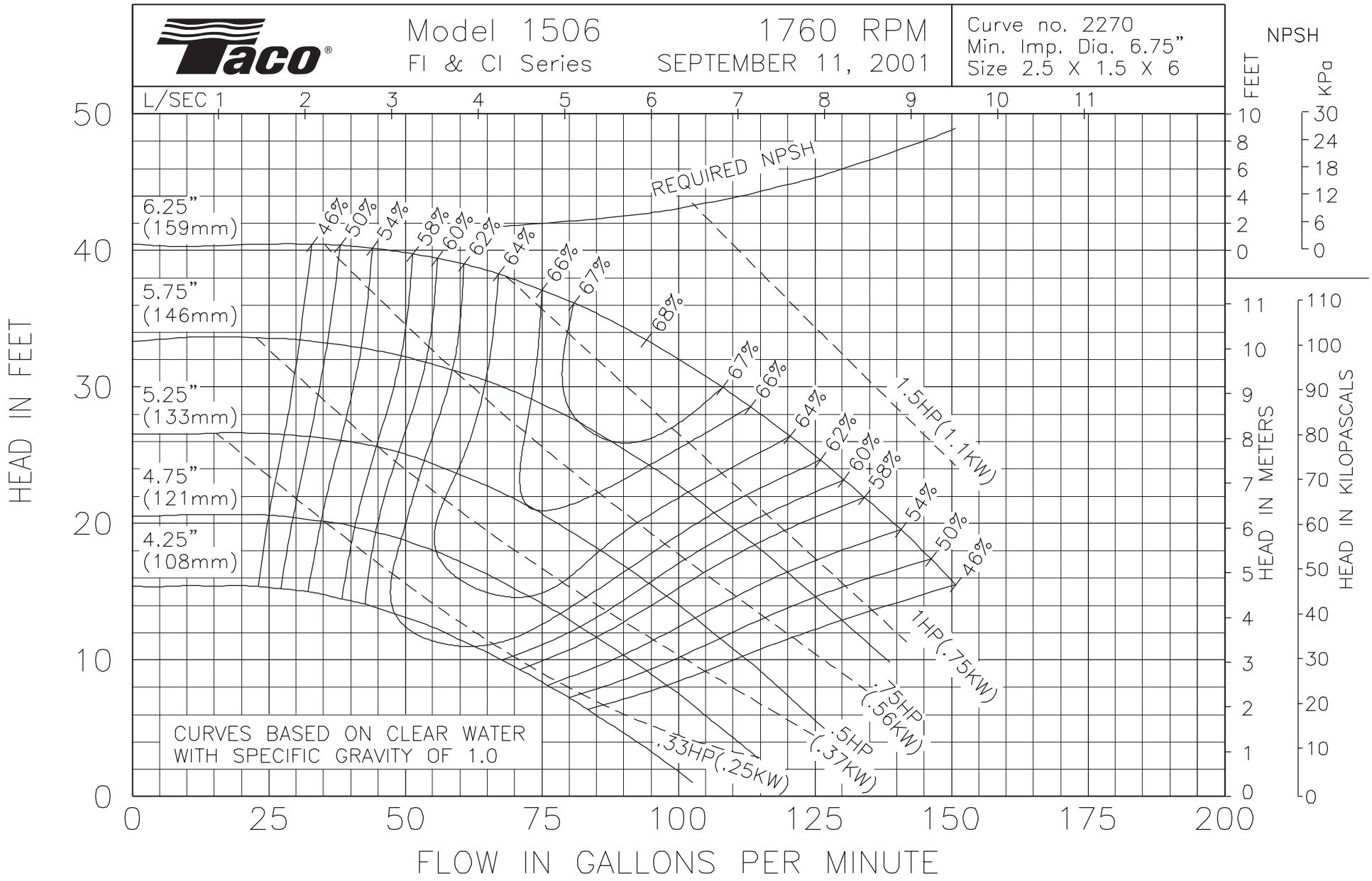

Taco
Model 6011
FI & CI Series
1160 RPM
November 1, 2010
Curve no. 2102
Min. Imp. Dia. 8.25
Size 8 X 6 X 11.0
L/SEC 10 20 30 40 50 60 70 80 90 100
NPSH
FEET
KPa
REQUIRED NPSH
15HP(11.2KW)
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
65%
70%
75%
78%
81%
83%
84.5%
10HP (7.5KW)
7.5HP(5.6KW)
5HP(3.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0 200 400 600 800 1000 1200 1400 1600
0 15 30 45 60 75
0 2 4 6 8 10 12 14 16
0 20 40 60 80 100 120 140 160
0 3 6 9 12 15
0 9 18 27 36 45

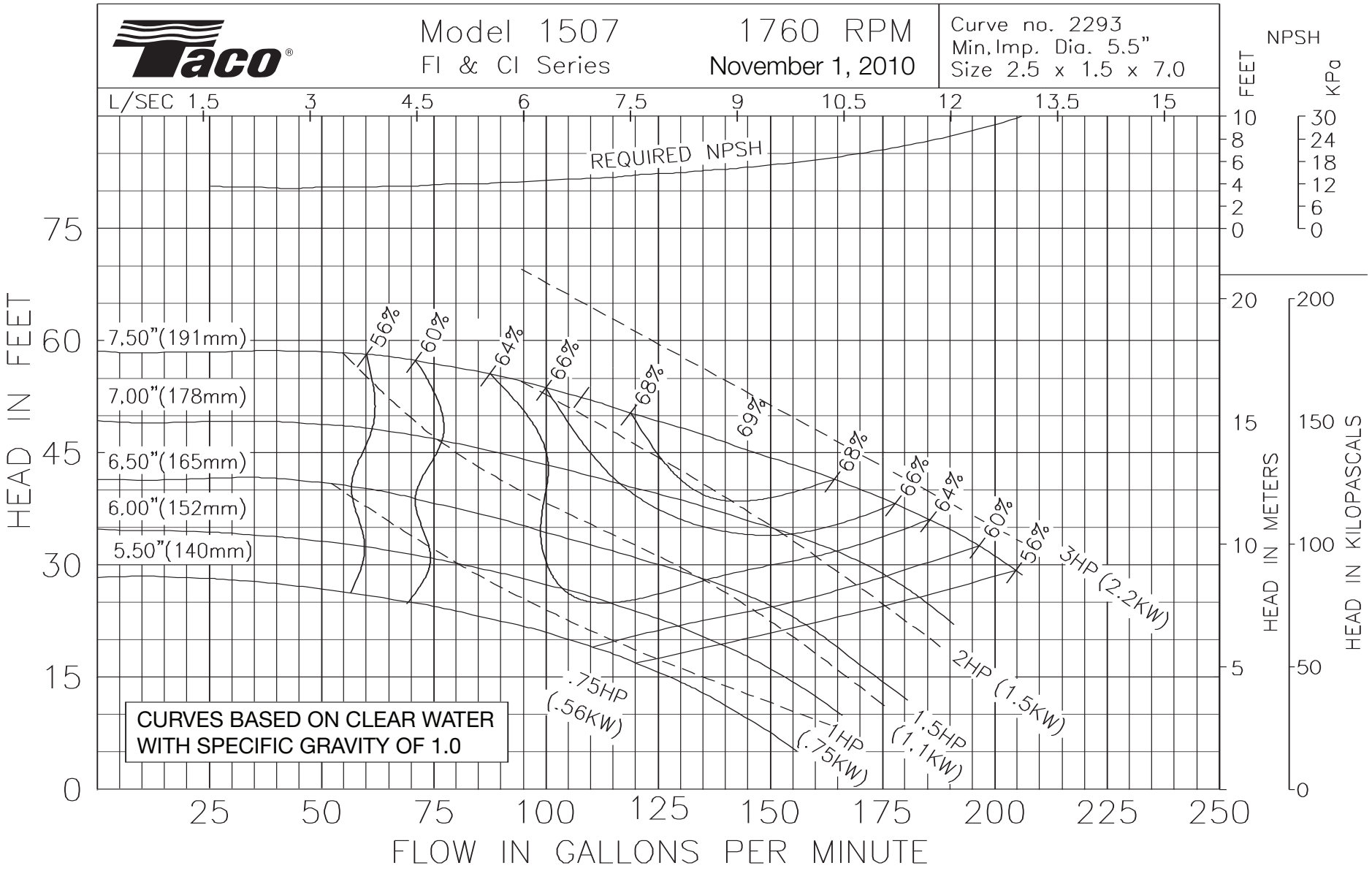

Taco
Model 6013
FI Series
1160 RPM
SEPTEMBER 26, 2002
Curve no. 2201
Min. Imp. Dia. 9.50"
Size 8 X 6 X 13.0
L/SEC 10 20 30 40 50 60 70 80 90 100 110 120
125 100 75 50 25 0
HEAD IN FEET
0 250 500 750 1000 1250 1500 1750 2000
FLOW IN GALLONS PER MINUTE
NPSH
FEET 20 16 12 8 4 0
KPa 60 48 36 24 12 0
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375"(264mm)
9.50"(241mm)
50% 60% 70% 75% 80% 82% 84% 86% 87.5%
30HP(22.4KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN METERS 25 20 15 10 5 0
HEAD IN KILOPASCALS 250 200 150 100 50 0

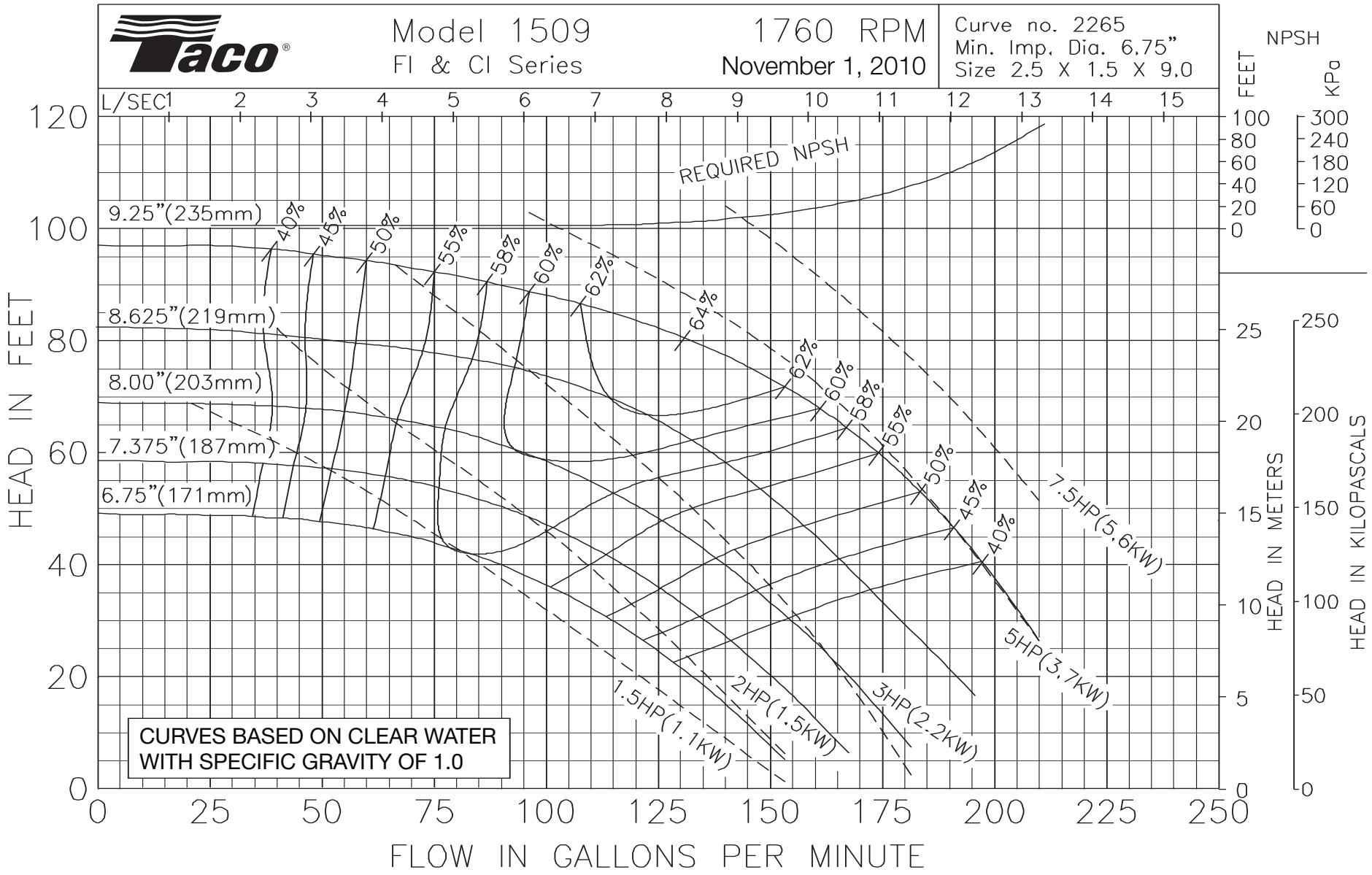

Taco
Model 8013
FI Series
1160 RPM
NOVEMBER, 19 2003
Curve no. 2316
Min. Imp. Dia. 9
Size 10 x 8 x 13.25
L/SEC 20 40 60 80 100 120 140 160 180 200
NPSH
FEET
KPa
REQUIRED NPSH
13.25"(311.0mm)
12.00"(305.0mm)
11.00"(279.0mm)
10.00"(254.0mm)
9.00" (229.0mm)
60%
65%
70%
75%
80%
82%
84%
85%
60HP(44.75KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

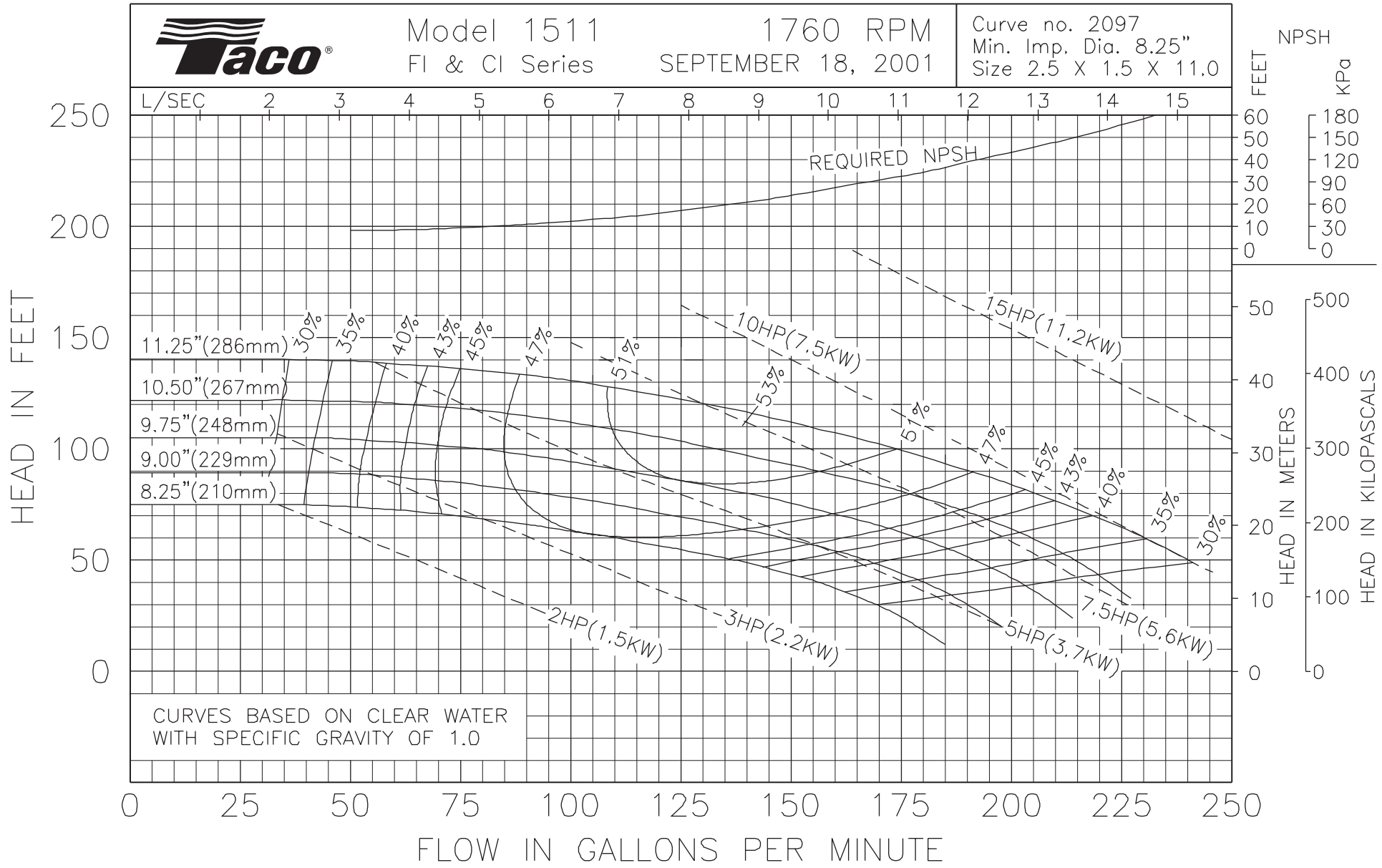

Taco
Model 1206
FI & CI Series
1760 RPM
September 18, 2003
Curve no. 2303
Min. Imp. Dia.4.25"
Size 2.0 X 1.25 X 6.0
L/SEC
1
2
3
4
5
6
NPSH
FEET
KPa
25
20
15
10
5
0
75
60
45
30
15
0
REQUIRED NPSH
6.25"(159mm)
5.75"(146mm)
5.25"(133mm)
4.75"(121mm)
4.25"(108mm)
52%
54%
56%
58%
60%
62%
64%
66%
68%
69%
1HP(.75KW)
.75HP(.56KW)
.5HP(.37KW)
.33HP(.25KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0
10
20
30
40
50
60
70
80
90
100
12
8
4
2
120
100
80
60
40
20

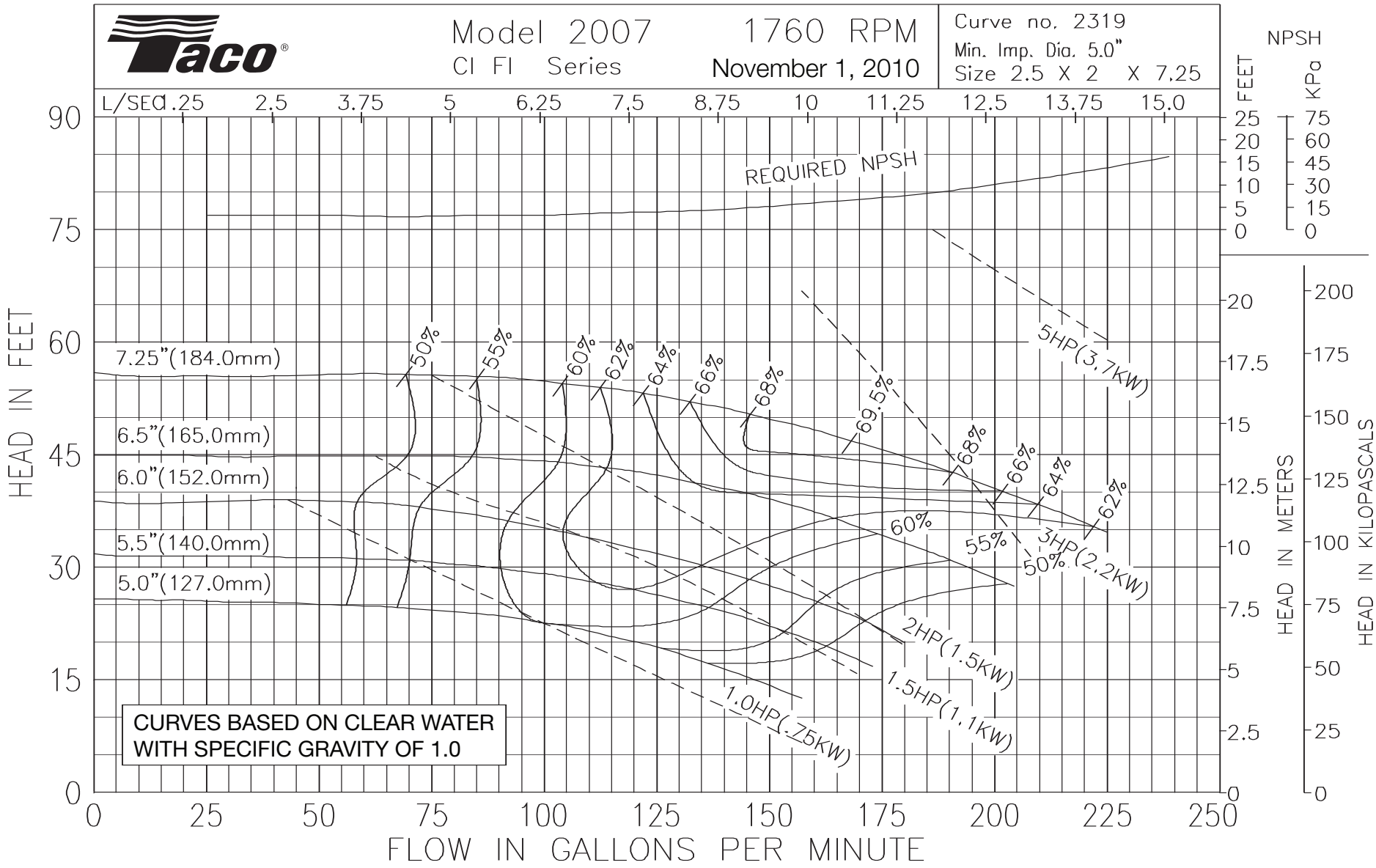

Taco
Model 1207
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2051
Min. Imp. Dia. 5.50"
Size 2.0 X 1.25 X 7.0
L/SEC
FEET
NPSH
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
50%
54%
56%
57%
58%
58.5%
2HP(1.5KW)
1.5HP(1.1KW)
1HP (.75KW)
.75HP (.56KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

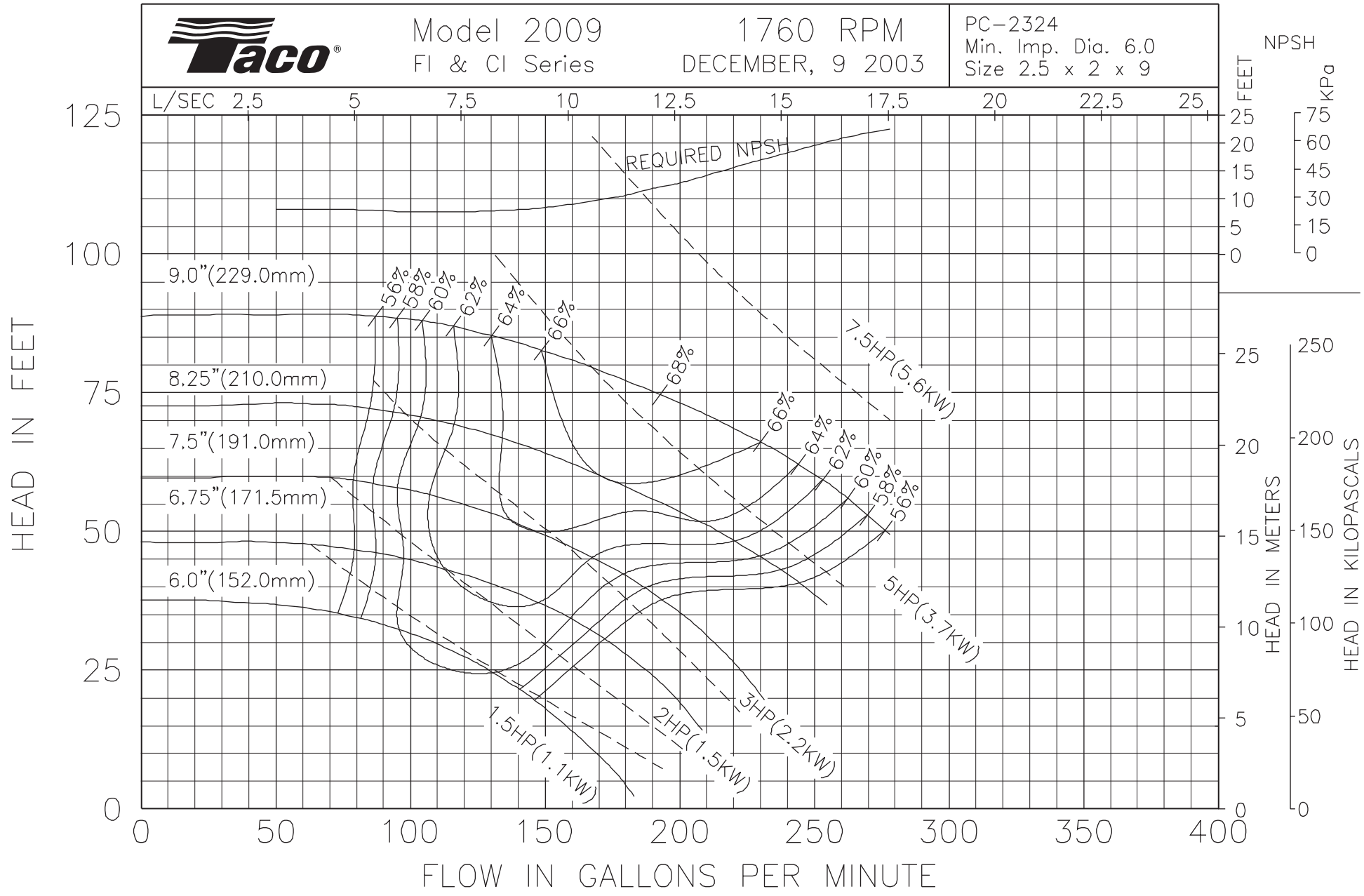

Taco
Model 1506
FI & CI Series
1760 RPM
SEPTEMBER 11, 2001
Curve no. 2270
Min. Imp. Dia. 6.75"
Size 2.5 X 1.5 X 6
NPSH
FEET
KPa
L/SEC
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
REQUIRED NPSH
6.25" (159mm)
5.75" (146mm)
5.25" (133mm)
4.75" (121mm)
4.25" (108mm)
46%
50%
54%
58%
60%
62%
64%
66%
67%
68%
1.5HP(1.1KW)
1HP(.75KW)
.75HP (.56KW)
.5HP (.37KW)
.33HP(.25KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0

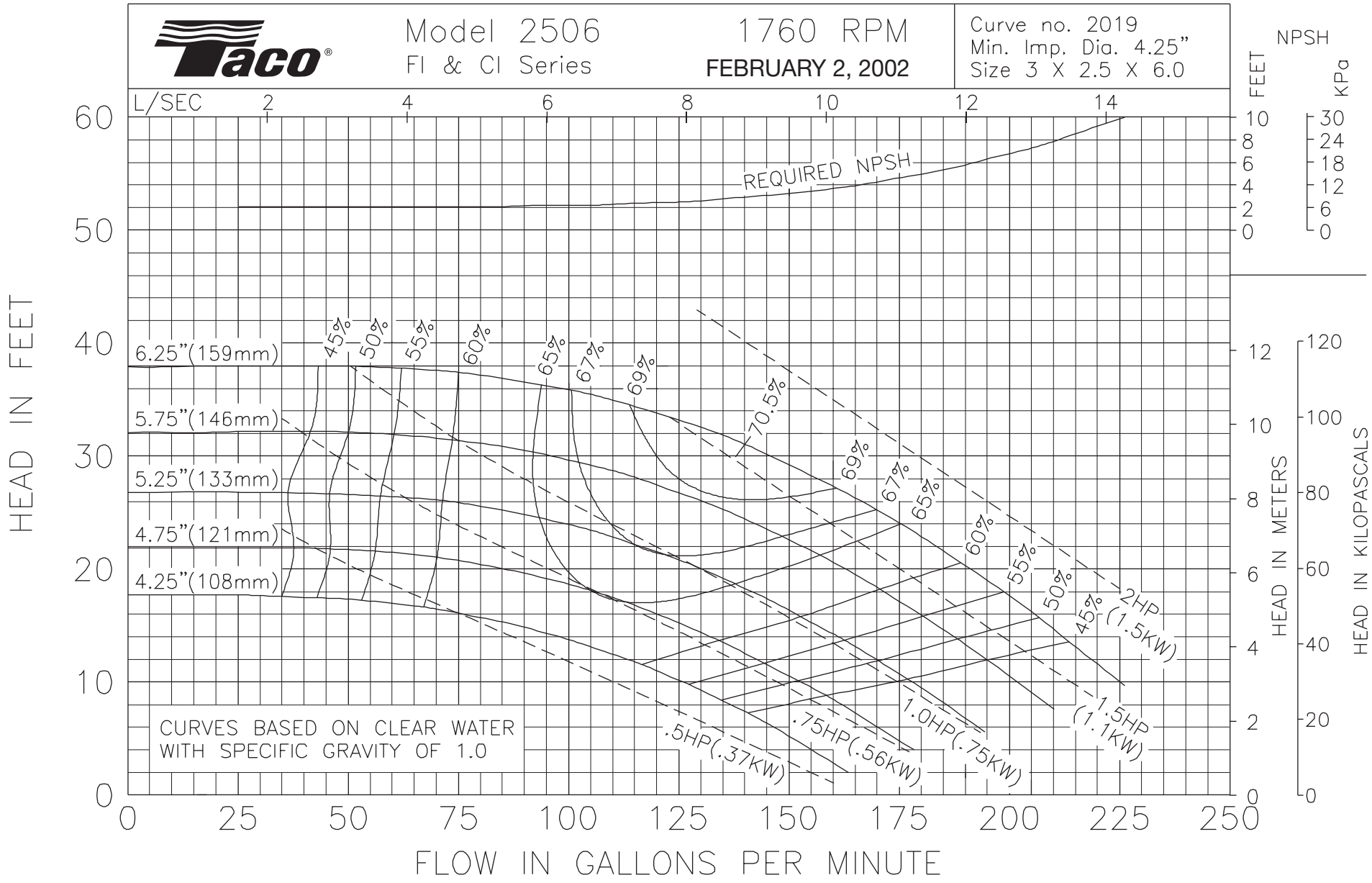

Taco
Model 1507
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2293
Min. Imp. Dia. 5.5"
Size 2.5 x 1.5 x 7.0
NPSH
FEET
KPa
L/SEC 1.5 3 4.5 6 7.5 9 10.5 12 13.5 15
REQUIRED NPSH
10 8 6 4 2 0
30 24 18 12 6 0
HEAD IN FEET
75 60 45 30 15 0
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
56%
60%
64%
66%
68%
69%
68%
66%
64%
60%
56%
3HP (2.2KW)
2HP (1.5KW)
1.5HP (1.1KW)
1HP (.75KW)
.75HP (.56KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
20 15 10 5 0
HEAD IN METERS
200 150 100 50 0
HEAD IN KILOPASCALS
25 50 75 100 125 150 175 200 225 250
FLOW IN GALLONS PER MINUTE

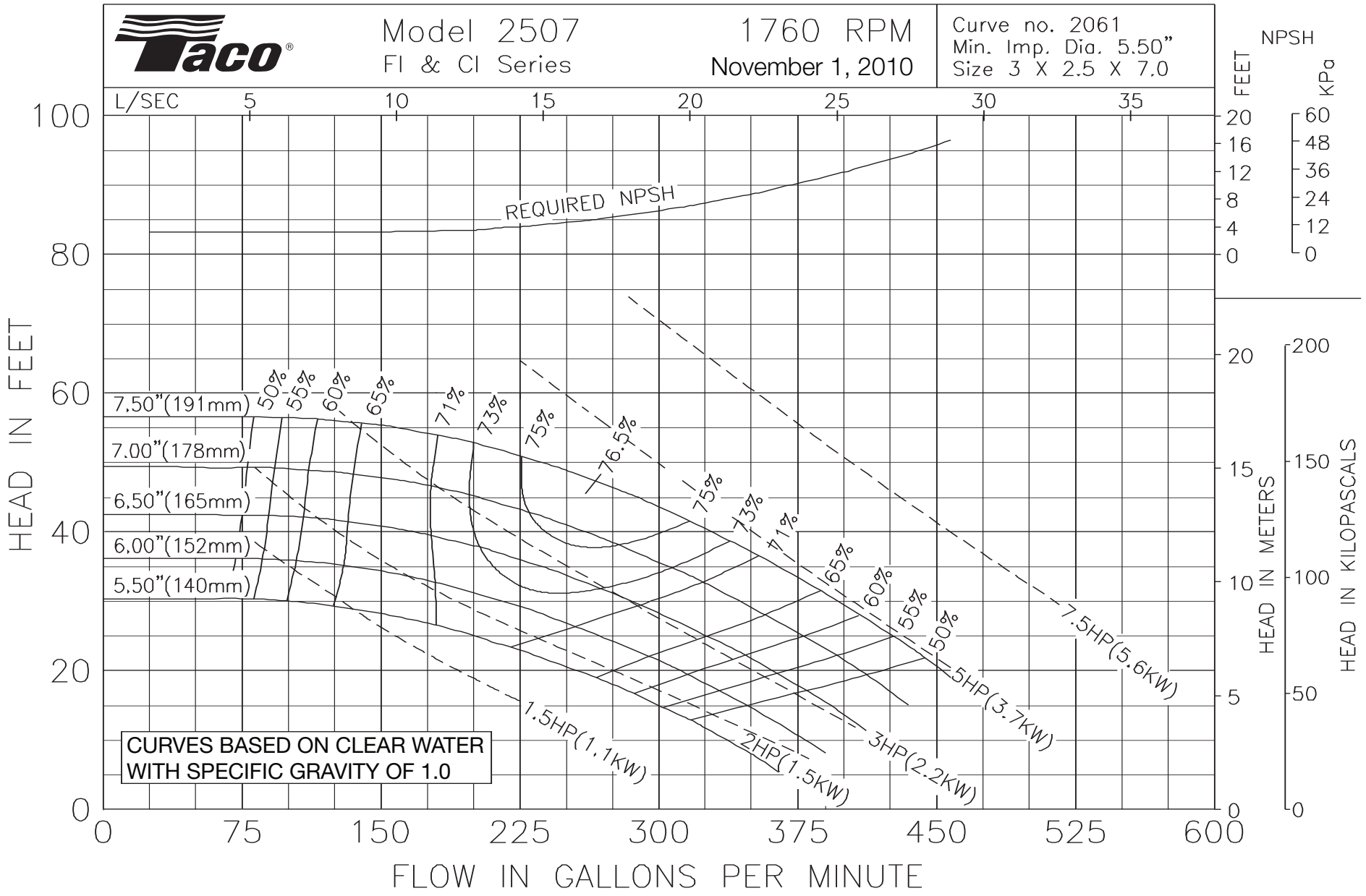

Taco
Model 1509
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2265
Min. Imp. Dia. 6.75"
Size 2.5 X 1.5 X 9.0
NPSH
FEET
KPa
L/SEC
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
40%
45%
50%
55%
58%
60%
62%
64%
7.5HP(5.6KW)
5HP(3.7KW)
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.1KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0

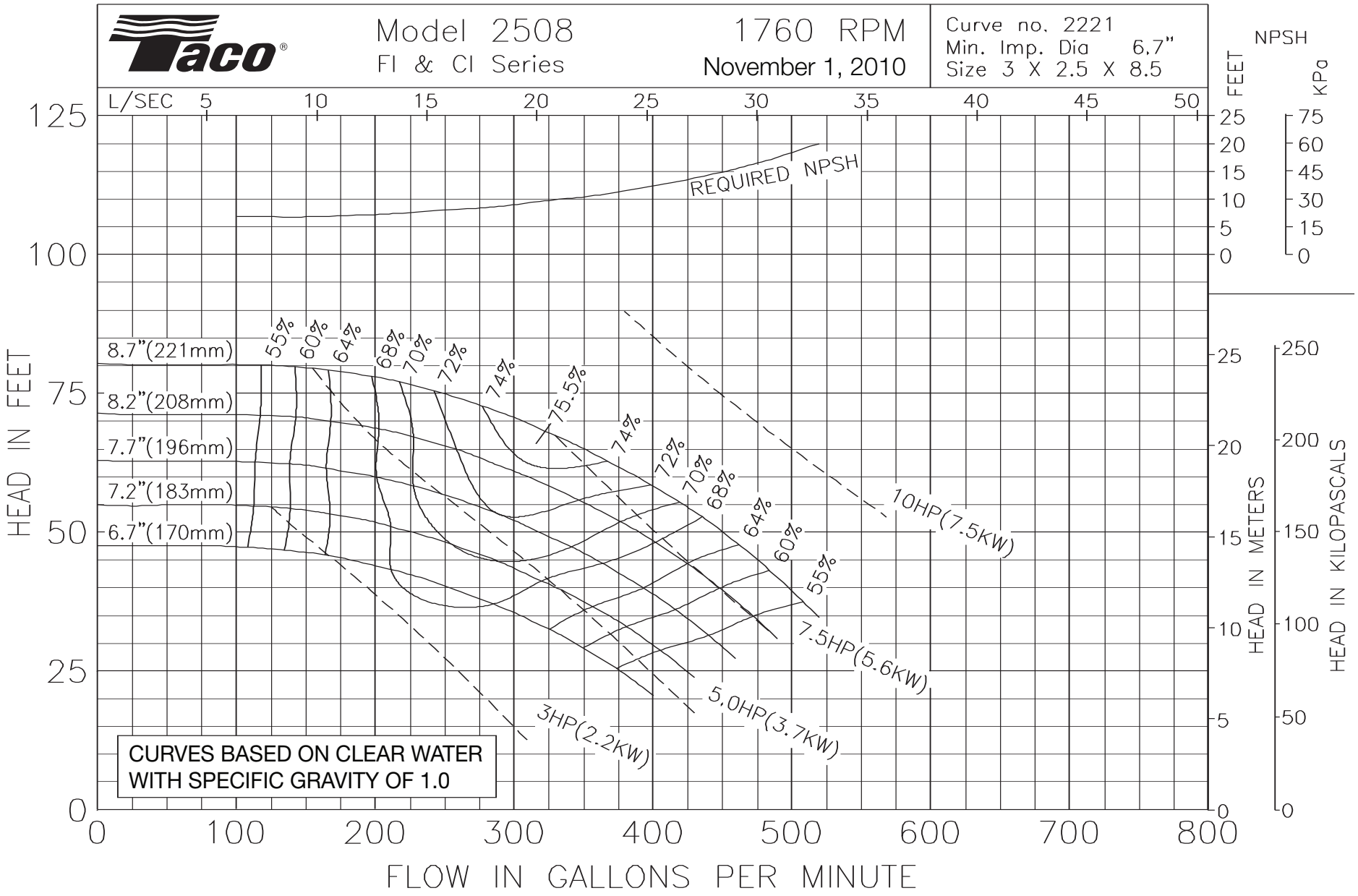

Taco
Model 1511
FI & CI Series
1760 RPM
SEPTEMBER 18, 2001
Curve no. 2097
Min. Imp. Dia. 8.25"
Size 2.5 X 1.5 X 11.0
L/SEC
FEET
NPSH
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
30%
35%
40%
43%
45%
47%
51%
53%
2HP(1.5KW)
3HP(2.2KW)
5HP(3.7KW)
7.5HP(5.6KW)
10HP(7.5KW)
15HP(11.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

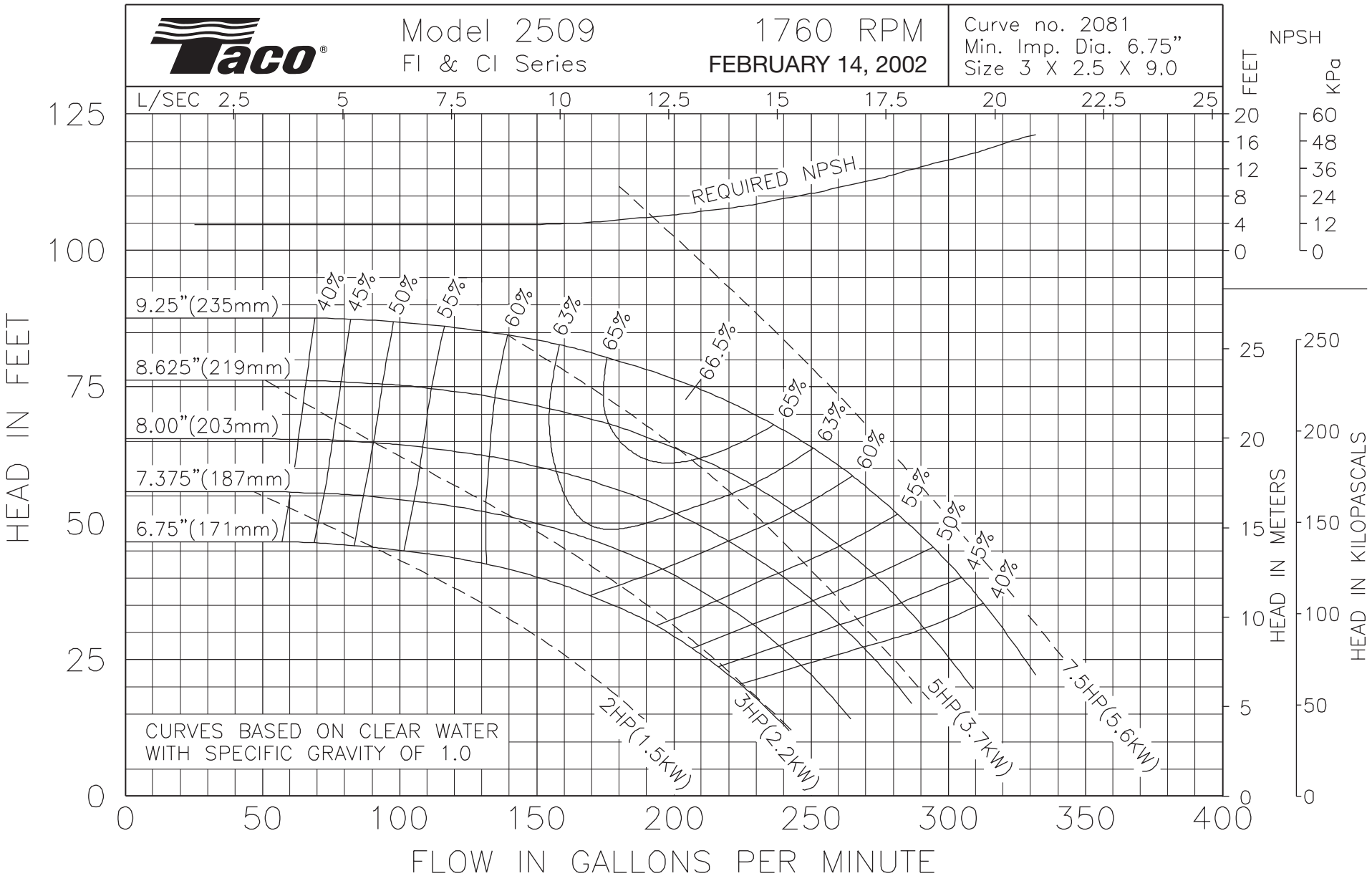

Taco
Model 2007
CI FI Series
1760 RPM
November 1, 2010
Curve no. 2319
Min. Imp. Dia. 5.0"
Size 2.5 X 2 X 7.25
L/SEC
.25
2.5
3.75
5
6.25
7.5
8.75
10
11.25
12.5
13.75
15.0
NPSH
FEET
KPa
25
20
15
10
5
0
75
60
45
30
15
0
REQUIRED NPSH
7.25"(184.0mm)
6.5"(165.0mm)
6.0"(152.0mm)
5.5"(140.0mm)
5.0"(127.0mm)
50%
55%
60%
62%
64%
66%
68%
69.5%
5HP(3.7KW)
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.1KW)
1.0HP(.75KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0
25
50
75
100
125
150
175
200
225
250
90
75
60
45
30
15
0
20
17.5
15
12.5
10
7.5
5
2.5
0
200
175
150
125
100
75
50
25
0

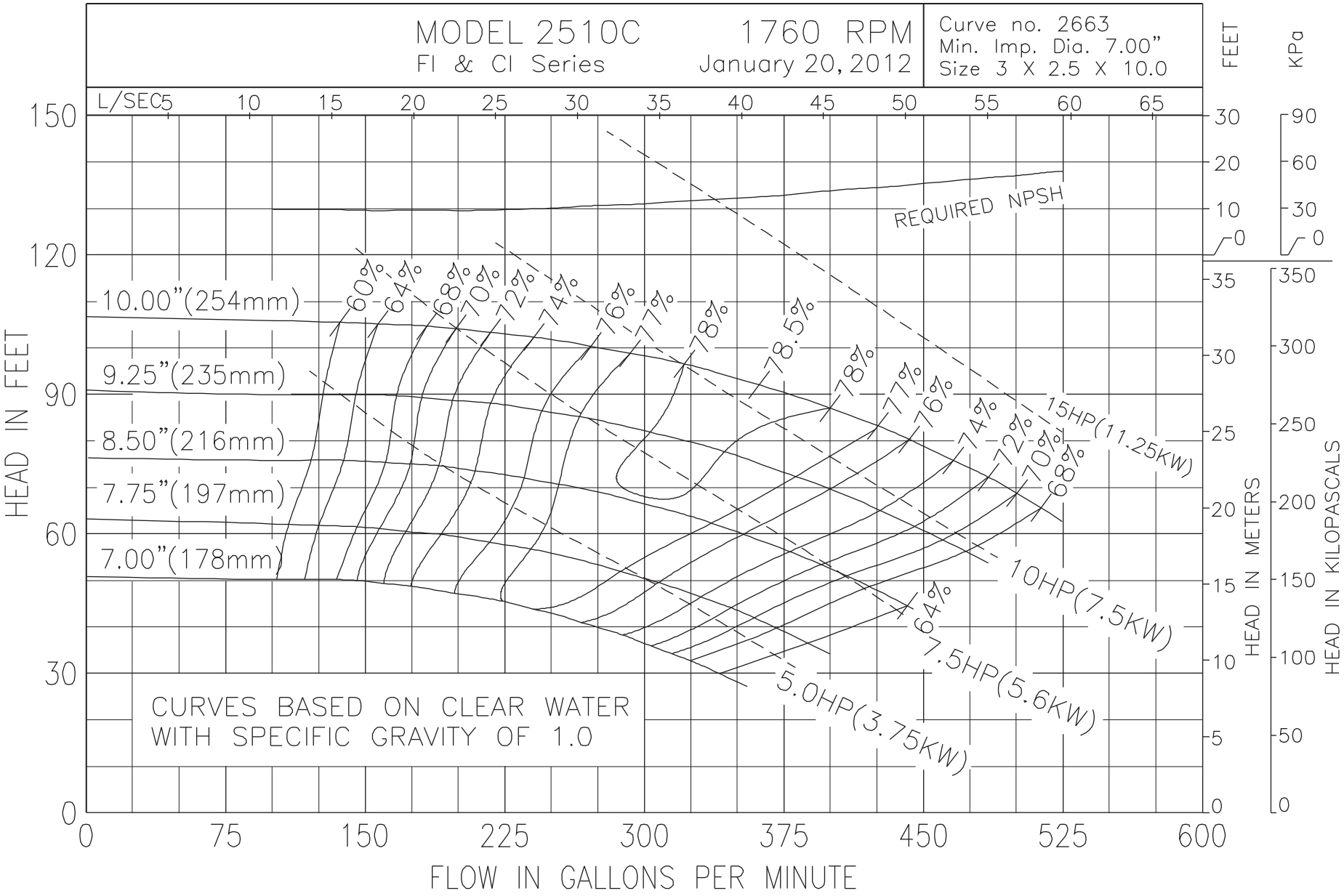

Taco
Model 2009
FI & CI Series
1760 RPM
DECEMBER, 9 2003
PC-2324
Min. Imp. Dia. 6.0
Size 2.5 x 2 x 9
NPSH
FEET
KPa
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25
REQUIRED NPSH
9.0"(229.0mm)
8.25"(210.0mm)
7.5"(191.0mm)
6.75"(171.5mm)
6.0"(152.0mm)
56%
58%
60%
62%
64%
66%
68%
7.5HP(5.6KW)
5HP(3.7KW)
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.1KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

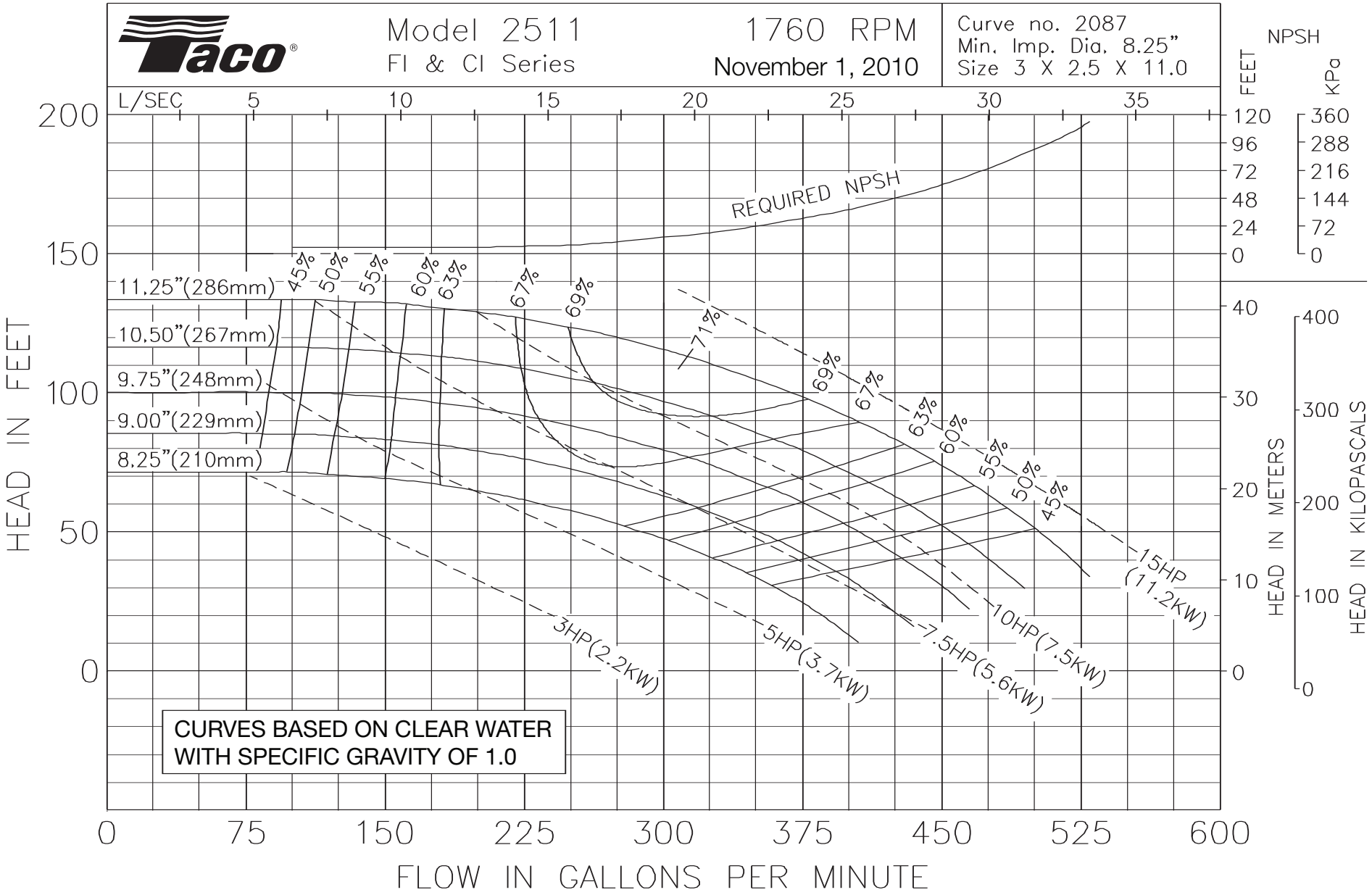

Taco
Model 2506
FI & CI Series
1760 RPM
FEBRUARY 2, 2002
Curve no. 2019
Min. Imp. Dia. 4.25"
Size 3 X 2.5 X 6.0
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
6.25"(159mm)
5.75"(146mm)
5.25"(133mm)
4.75"(121mm)
4.25"(108mm)
45%
50%
55%
60%
65%
67%
69%
70.5%
.5HP(.37KW)
.75HP(.56KW)
1.0HP(.75KW)
1.5HP (1.1KW)
2HP (1.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

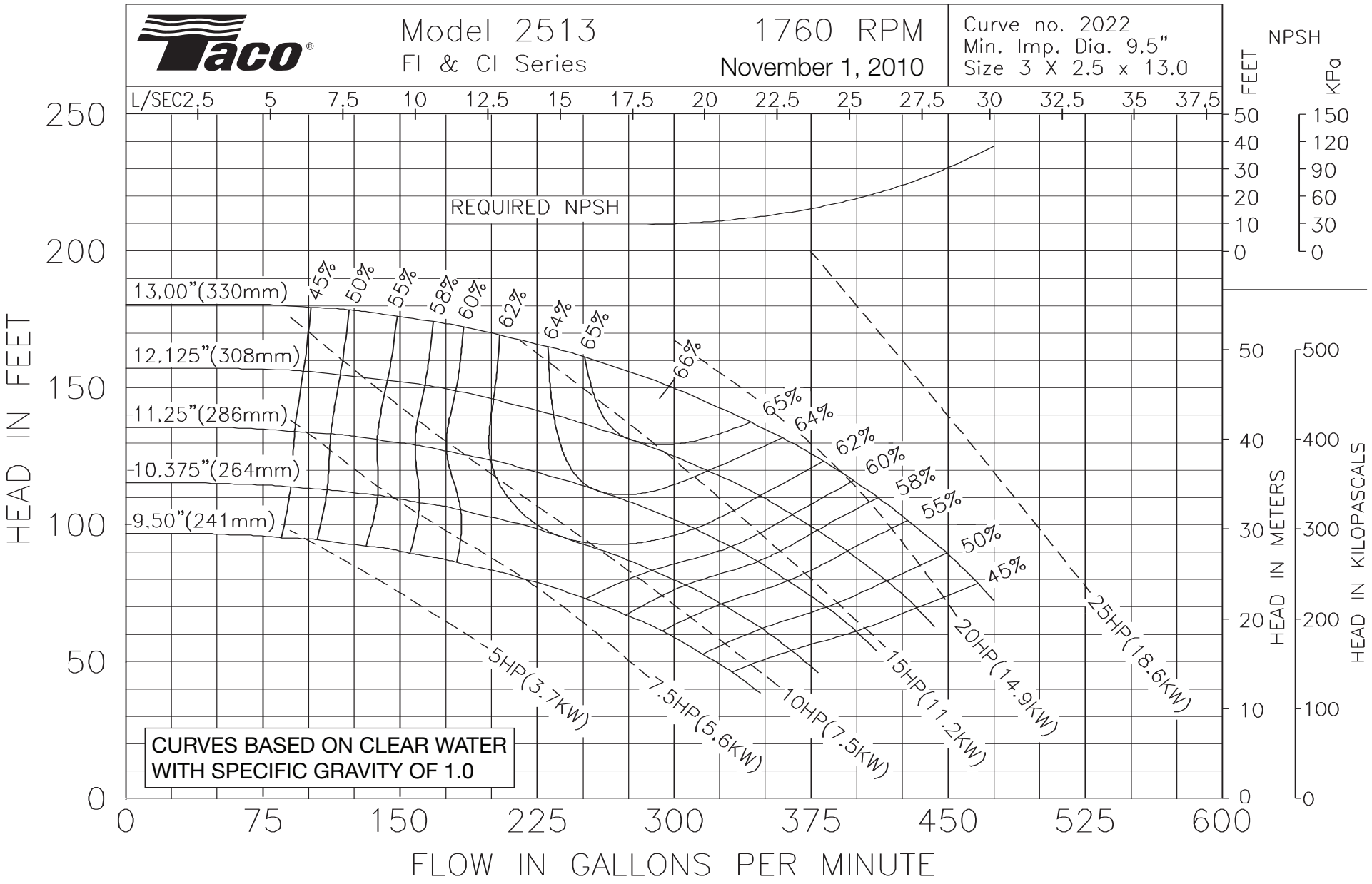

Taco
Model 2507
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2061
Min. Imp. Dia. 5.50"
Size 3 X 2.5 X 7.0
L/SEC
5
10
15
20
25
30
35
NPSH
FEET
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
50%
55%
60%
65%
71%
73%
75%
76.5%
7.5HP(5.6KW)
5HP(3.7KW)
3HP(2.2KW)
2HP(1.5KW)
1.5HP(1.1KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

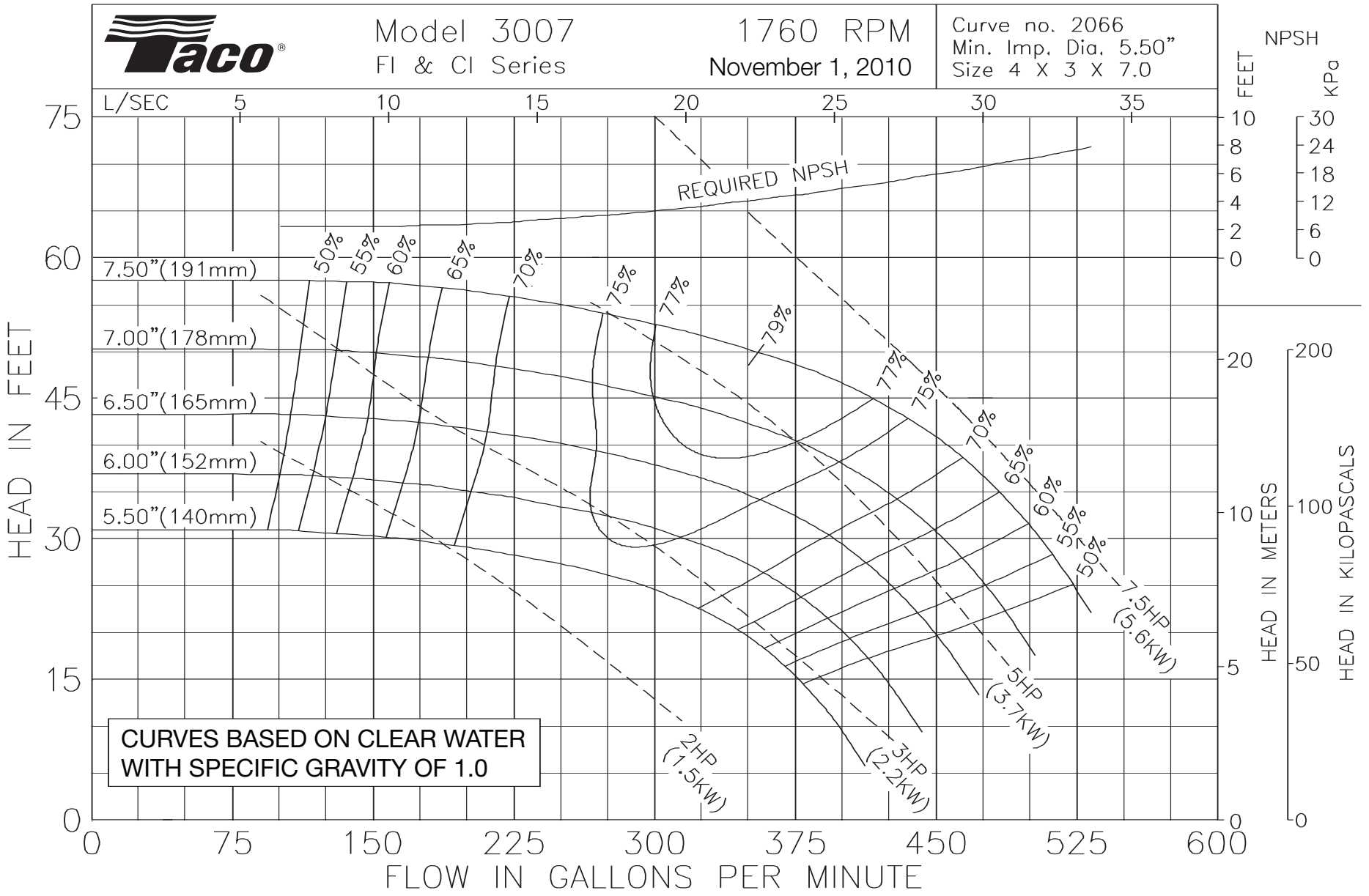

Taco
Model 2508
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2221
Min. Imp. Dia 6.7"
Size 3 X 2.5 X 8.5
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
8.7"(221mm)
8.2"(208mm)
7.7"(196mm)
7.2"(183mm)
6.7"(170mm)
55%
60%
64%
68%
70%
72%
74%
75.5%
10HP(7.5KW)
7.5HP(5.6KW)
5.0HP(3.7KW)
3HP(2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

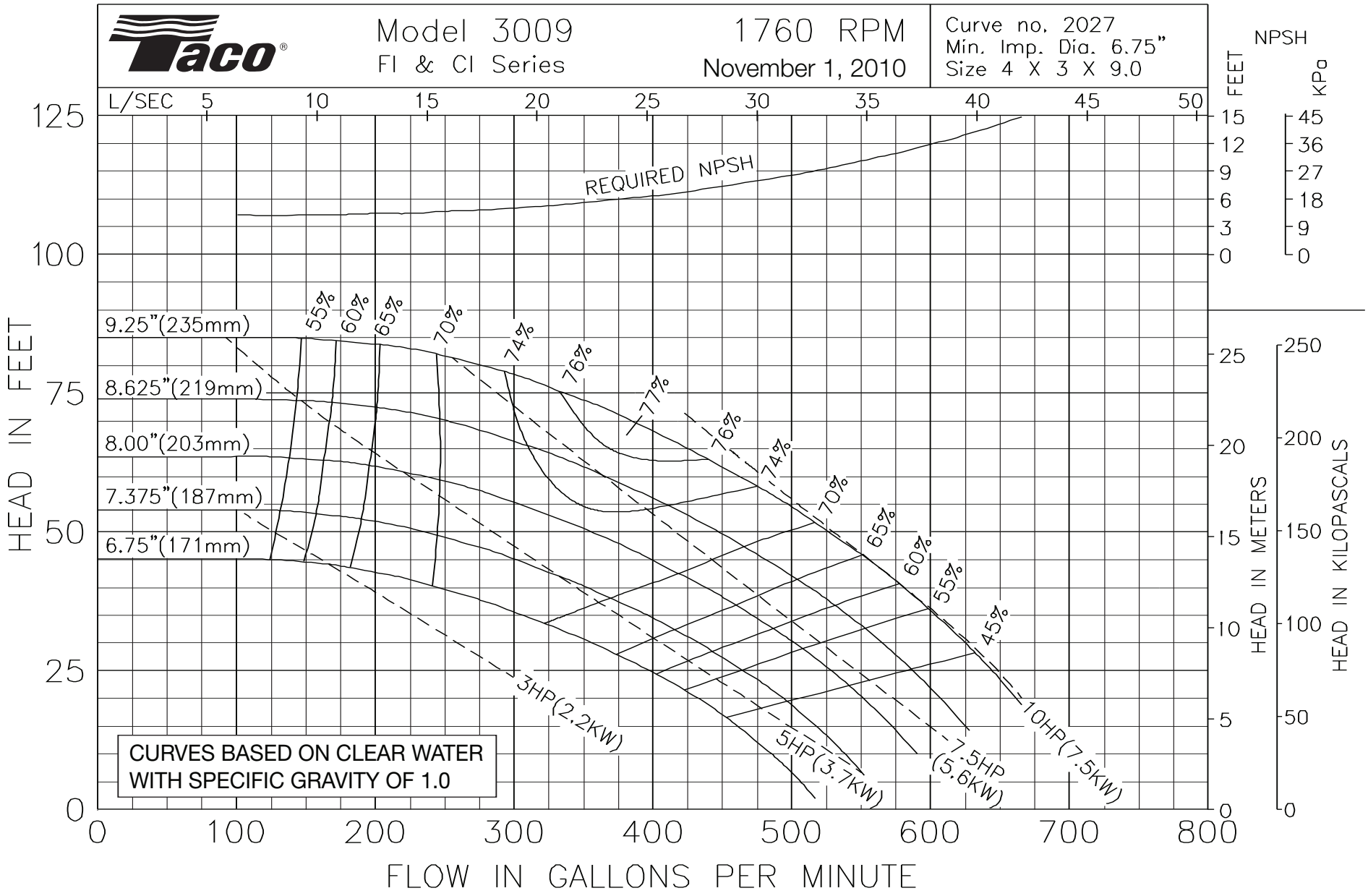

Taco
Model 2509
FI & CI Series
1760 RPM
FEBRUARY 14, 2002
Curve no. 2081
Min. Imp. Dia. 6.75"
Size 3 X 2.5 X 9.0
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25
FEET
NPSH
KPa
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
40%
45%
50%
55%
60%
63%
65%
66.5%
2HP(1.5KW)
3HP(2.2KW)
5HP(3.7KW)
7.5HP(5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

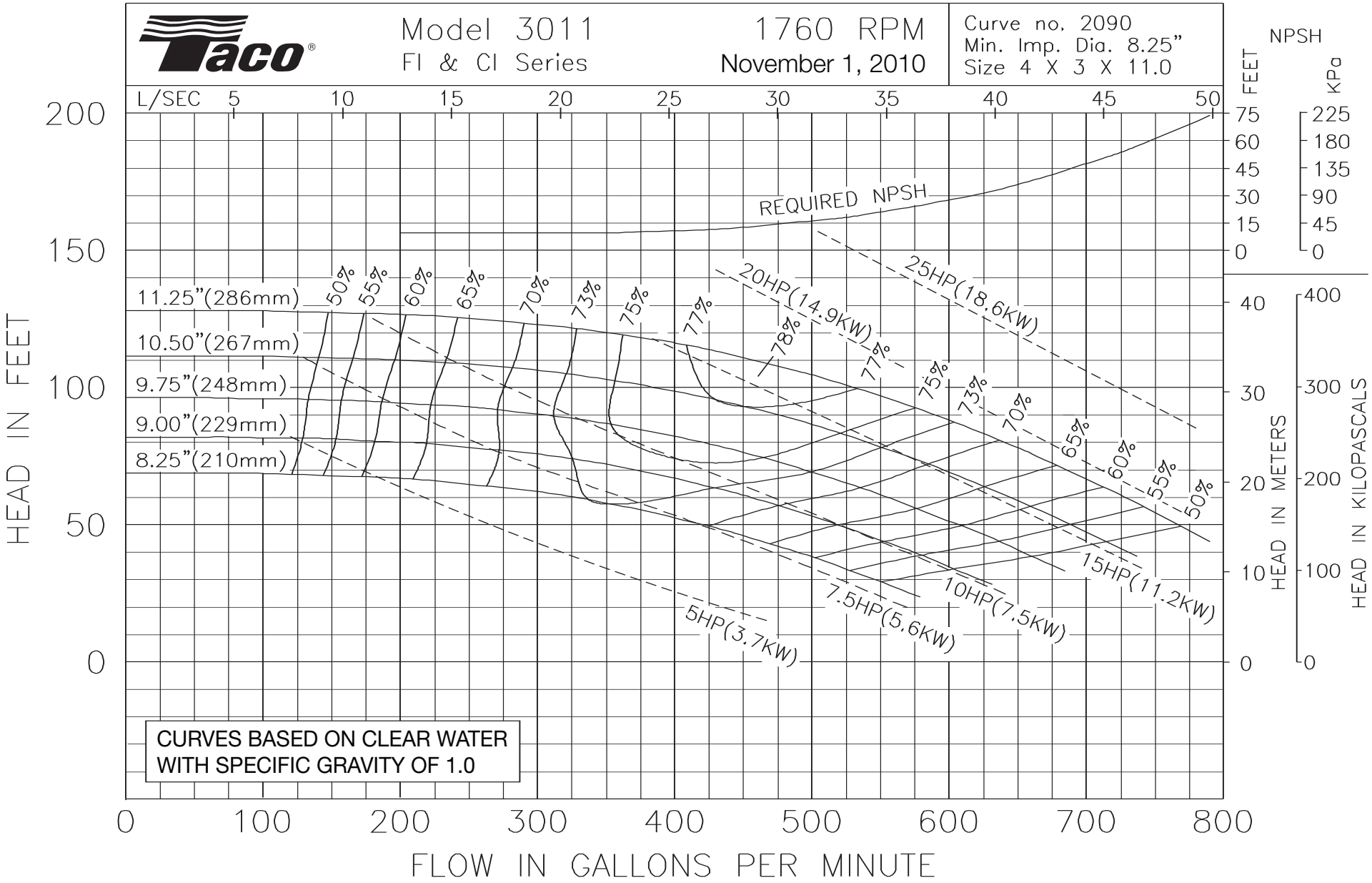

MODEL 2510C
FI & CI Series
1760 RPM
January 20, 2012
Curve no. 2663
Min. Imp. Dia. 7.00"
Size 3 X 2.5 X 10.0
L/SEC
FEET
KPa
REQUIRED NPSH
10.00"(254mm)
9.25"(235mm)
8.50"(216mm)
7.75"(197mm)
7.00"(178mm)
60%
64%
68%
70%
72%
74%
76%
77%
78%
78.5%
15HP(11.25KW)
10HP(7.5KW)
7.5HP(5.6KW)
5.0HP(3.75KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

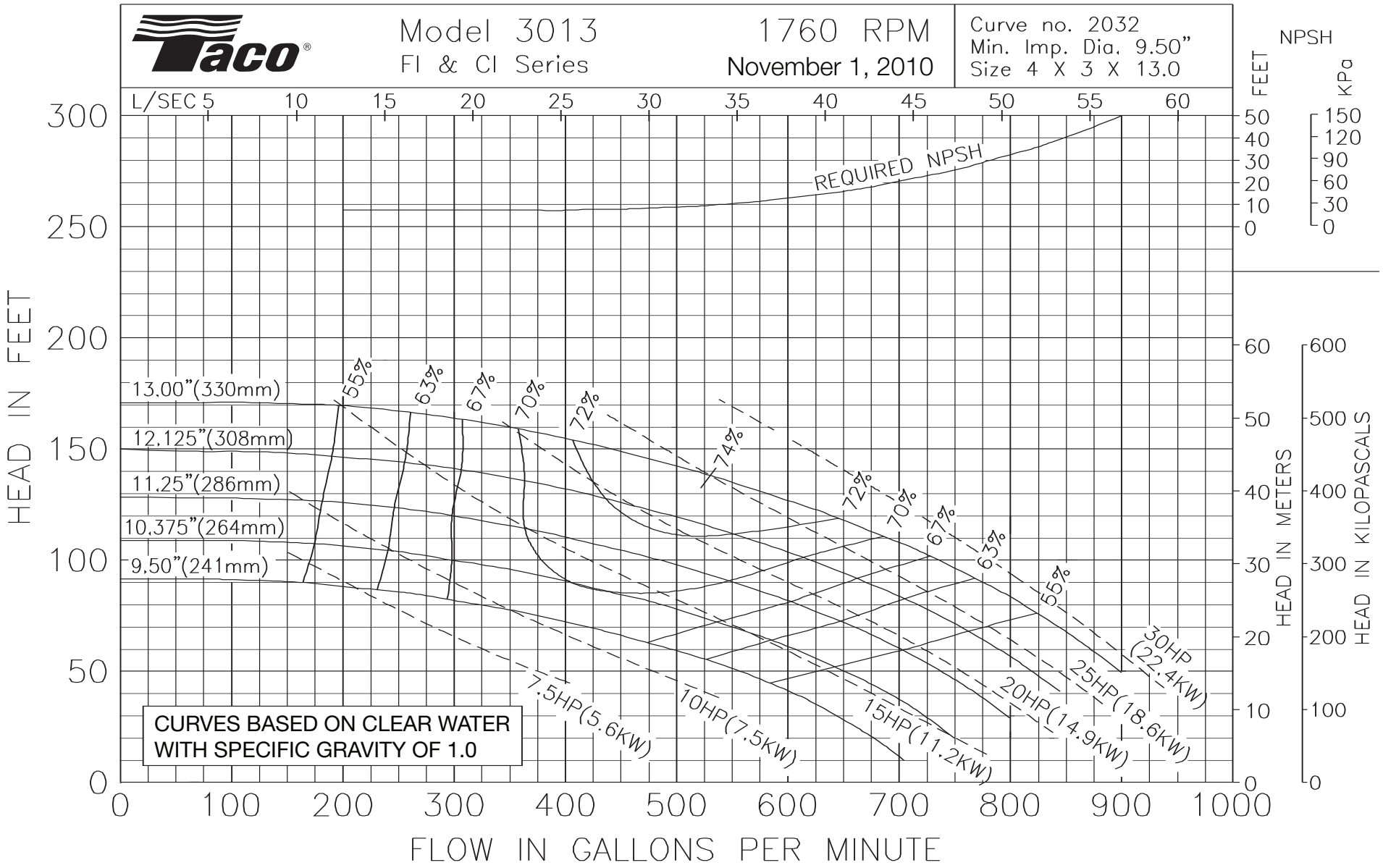

Taco
Model 2511
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2087
Min. Imp. Dia. 8.25"
Size 3 X 2.5 X 11.0
NPSH
FEET
KPa
L/SEC
5
10
15
20
25
30
35
200
150
100
50
0
120
96
72
48
24
0
360
288
216
144
72
0
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
45%
50%
55%
60%
63%
67%
69%
71%
69%
67%
63%
60%
55%
50%
45%
15HP
(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
5HP(3.7KW)
3HP(2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
40
30
20
10
0
400
300
200
100
0
0
75
150
225
300
375
450
525
600
FLOW IN GALLONS PER MINUTE

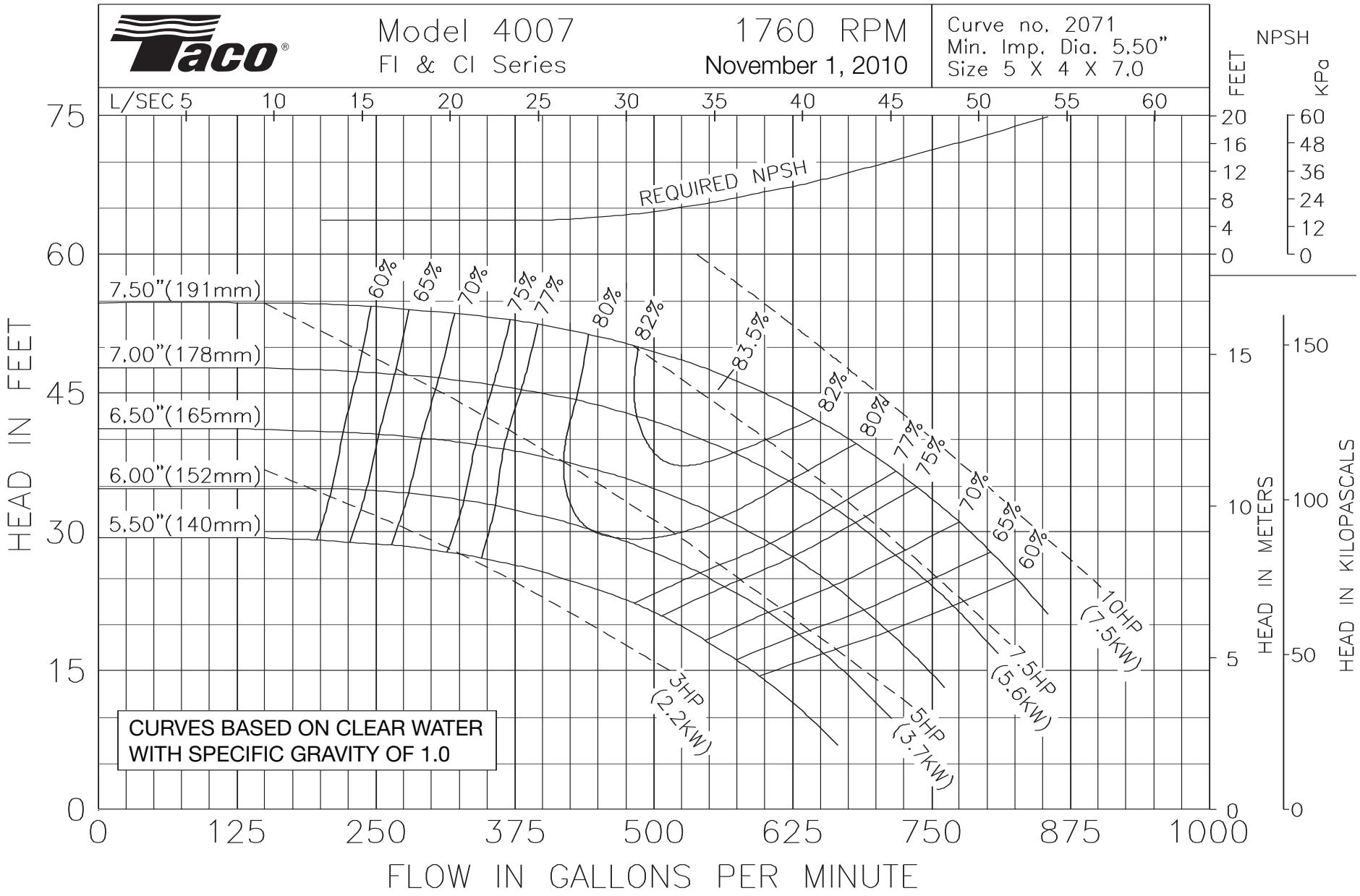

Taco
Model 2513
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2022
Min. Imp. Dia. 9.5"
Size 3 X 2.5 x 13.0
NPSH
FEET
KPa
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5
250
200
150
100
50
0
50 40 30 20 10 0
150 120 90 60 30 0
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375"(264mm)
9.50"(241mm)
45%
50%
55%
58%
60%
62%
64%
65%
66%
5HP(3.7KW)
7.5HP(5.6KW)
10HP(7.5KW)
15HP(11.2KW)
20HP(14.9KW)
25HP(18.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
50 40 30 20 10 0
500 400 300 200 100 0
0 75 150 225 300 375 450 525 600
FLOW IN GALLONS PER MINUTE

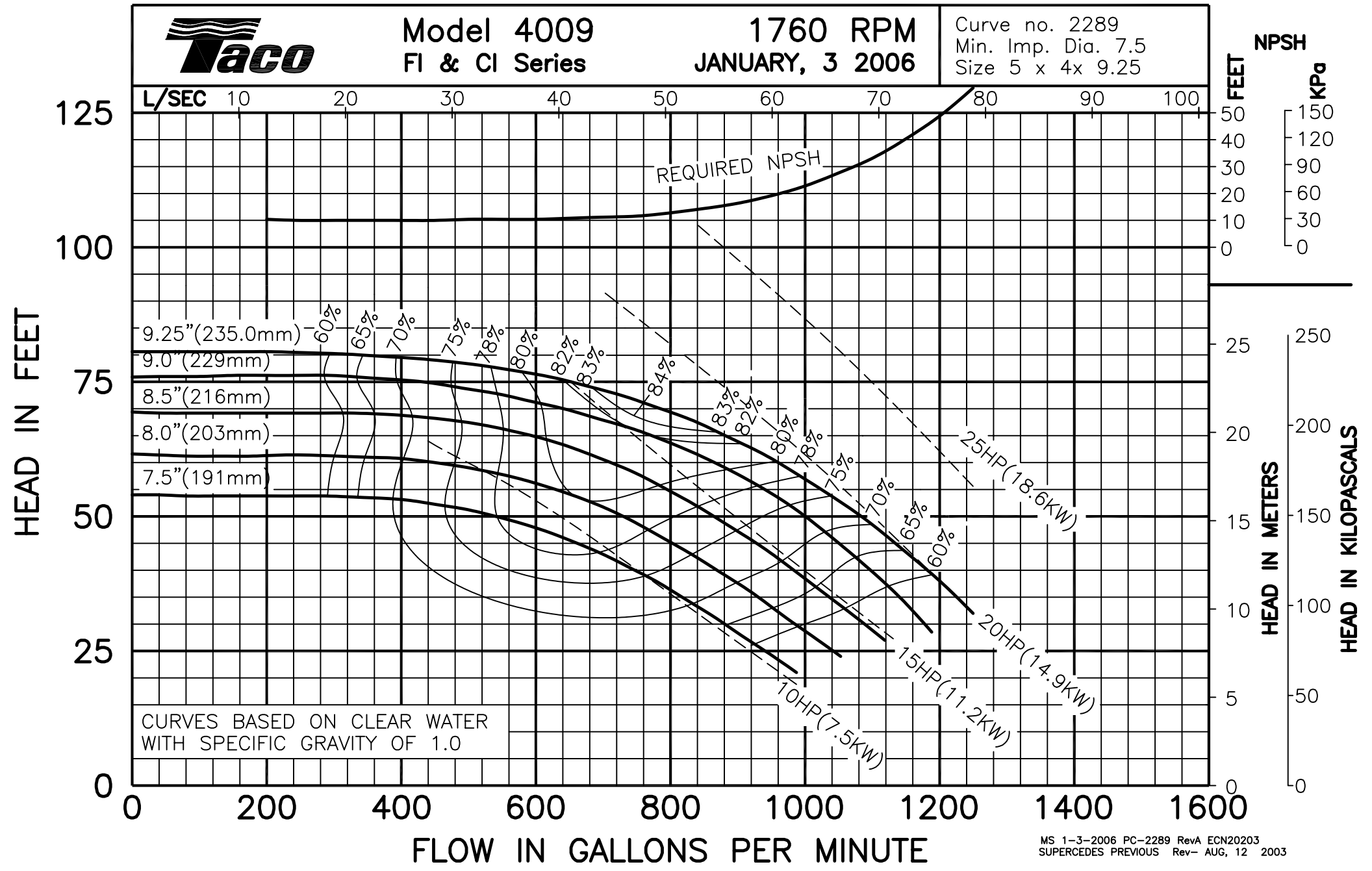

Taco
Model 3007
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2066
Min. Imp. Dia. 5.50"
Size 4 X 3 X 7.0
L/SEC
5
10
15
20
25
30
35
NPSH
FEET
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
50%
55%
60%
65%
70%
75%
77%
79%
2HP (1.5KW)
3HP (2.2KW)
5HP (3.7KW)
7.5HP (5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

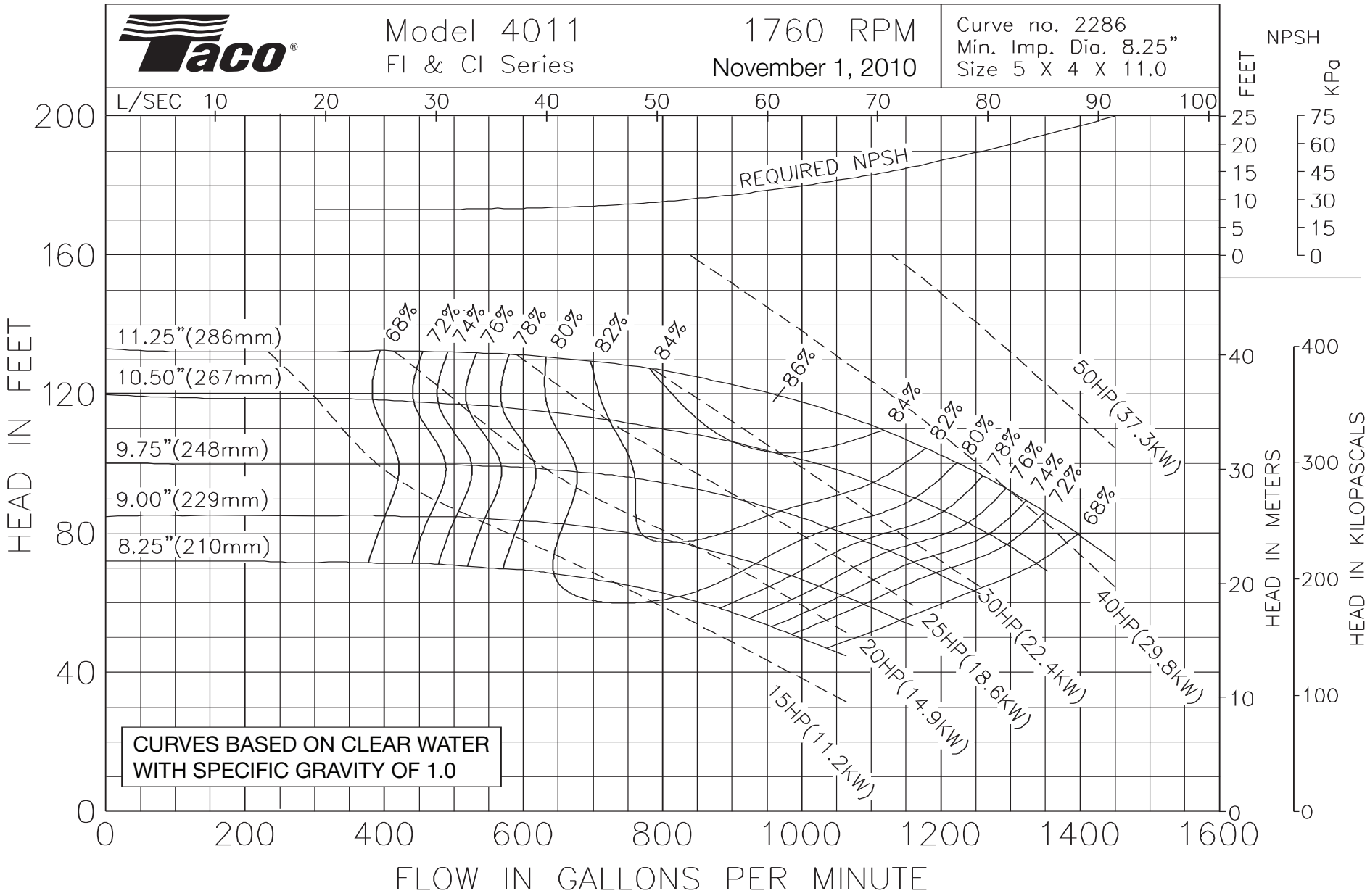

Taco
Model 3009
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2027
Min. Imp. Dia. 6.75"
Size 4 X 3 X 9.0
L/SEC
FLOW IN GALLONS PER MINUTE
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
NPSH
FEET
KPa
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
55%
60%
65%
70%
74%
76%
77%
3HP(2.2KW)
5HP(3.7KW)
7.5HP (5.6KW)
10HP(7.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0

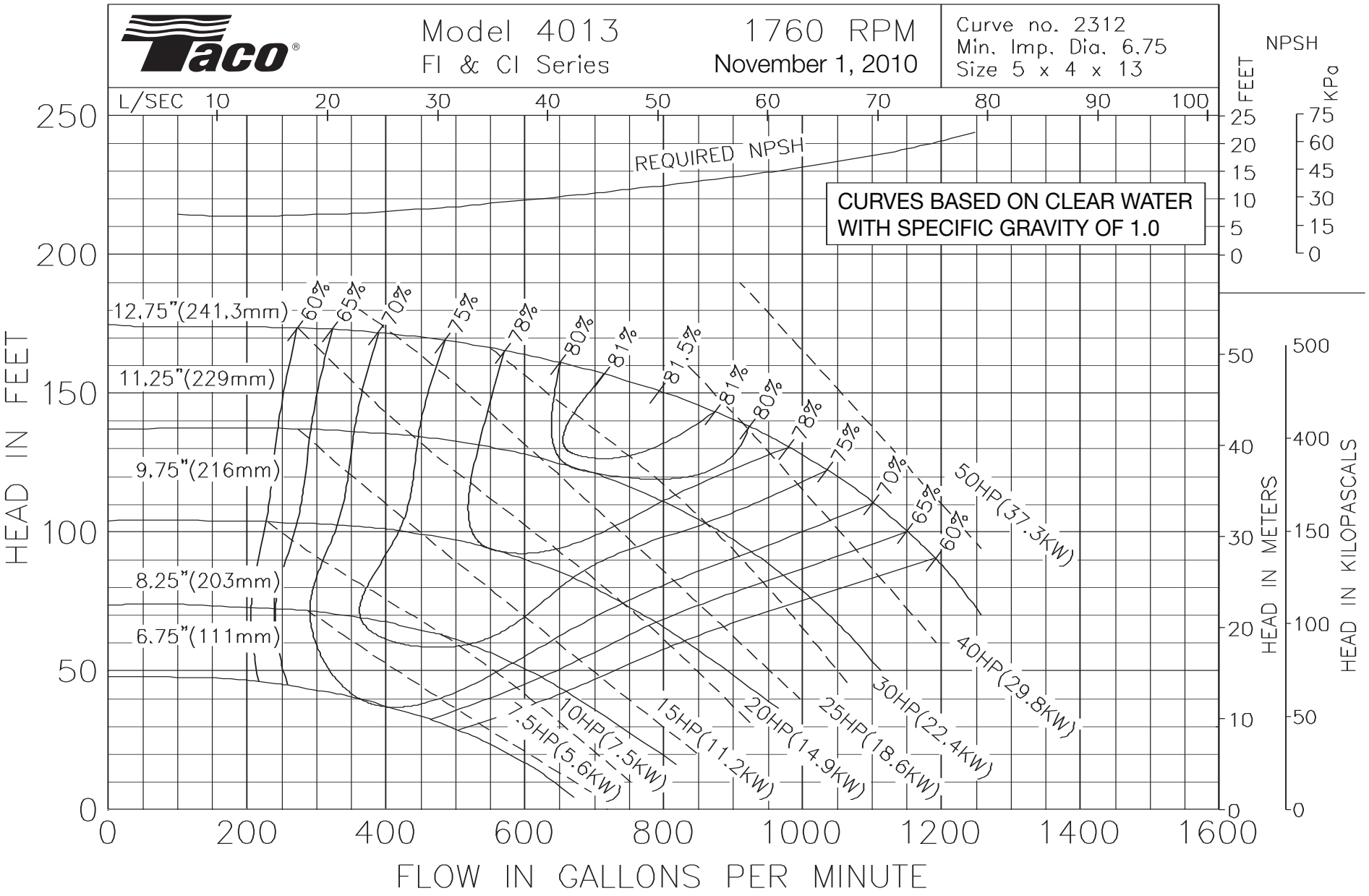

Taco
Model 3011
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2090
Min. Imp. Dia. 8.25"
Size 4 X 3 X 11.0
L/SEC 5 10 15 20 25 30 35 40 45 50
NPSH
FEET
KPa
75 60 45 30 15 0
225 180 135 90 45 0
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
50% 55% 60% 65% 70% 73% 75% 77% 78%
20HP(14.9KW)
25HP(18.6KW)
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
5HP(3.7KW)
HEAD IN FEET
200 150 100 50 0
40 30 20 10 0
400 300 200 100 0
HEAD IN METERS
HEAD IN KILOPASCALS
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
0 100 200 300 400 500 600 700 800
FLOW IN GALLONS PER MINUTE

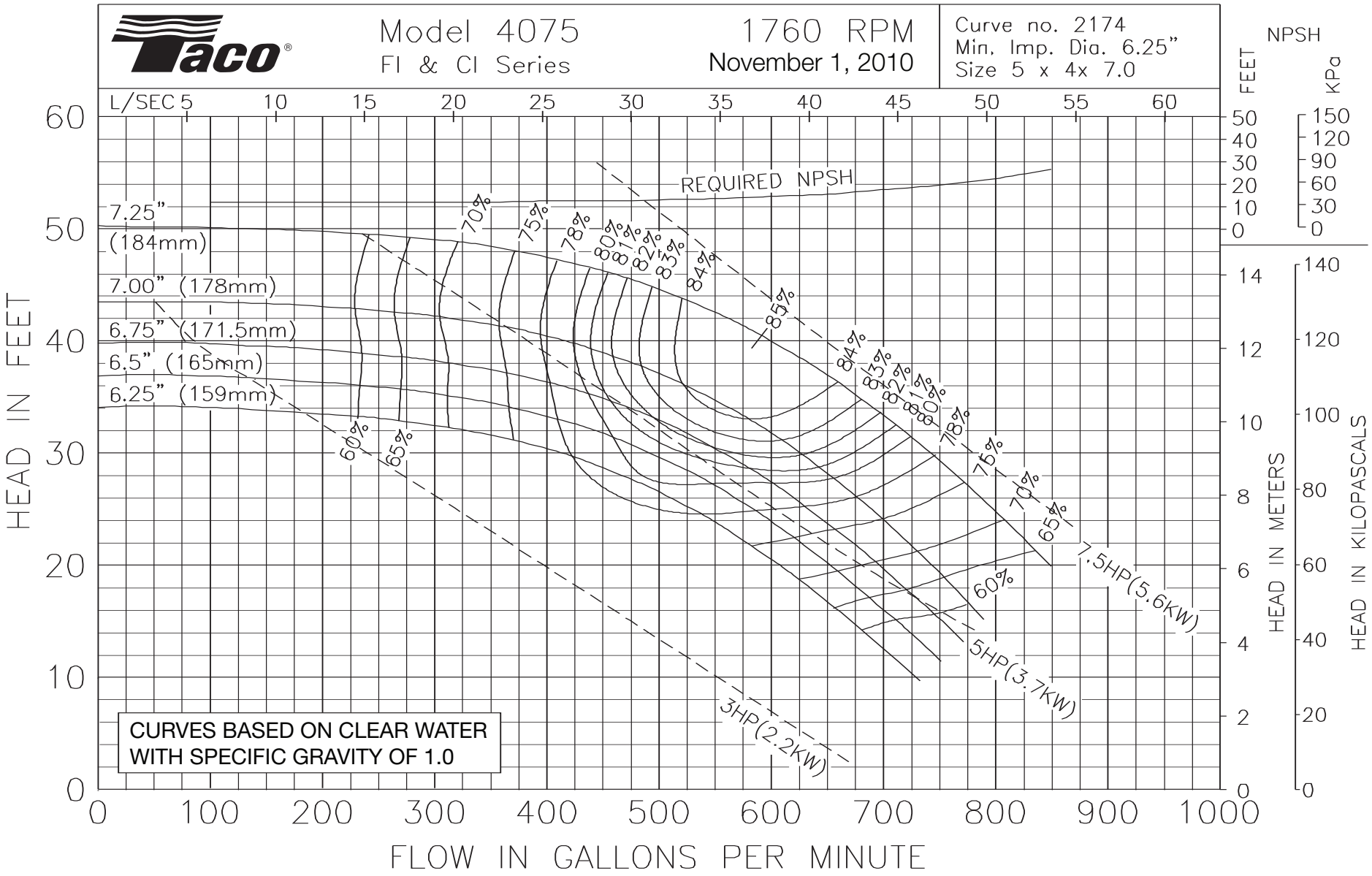

Taco
Model 3013
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2032
Min. Imp. Dia. 9.50"
Size 4 X 3 X 13.0
NPSH
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
300 250 200 150 100 50 0
50 40 30 20 10 0
150 120 90 60 30 0
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375"(264mm)
9.50"(241mm)
55%
63%
67%
70%
72%
74%
72%
70%
67%
63%
55%
7.5HP(5.6KW)
10HP(7.5KW)
15HP(11.2KW)
20HP(14.9KW)
25HP(18.6KW)
30HP (22.4KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 100 200 300 400 500 600 700 800 900 1000
FLOW IN GALLONS PER MINUTE

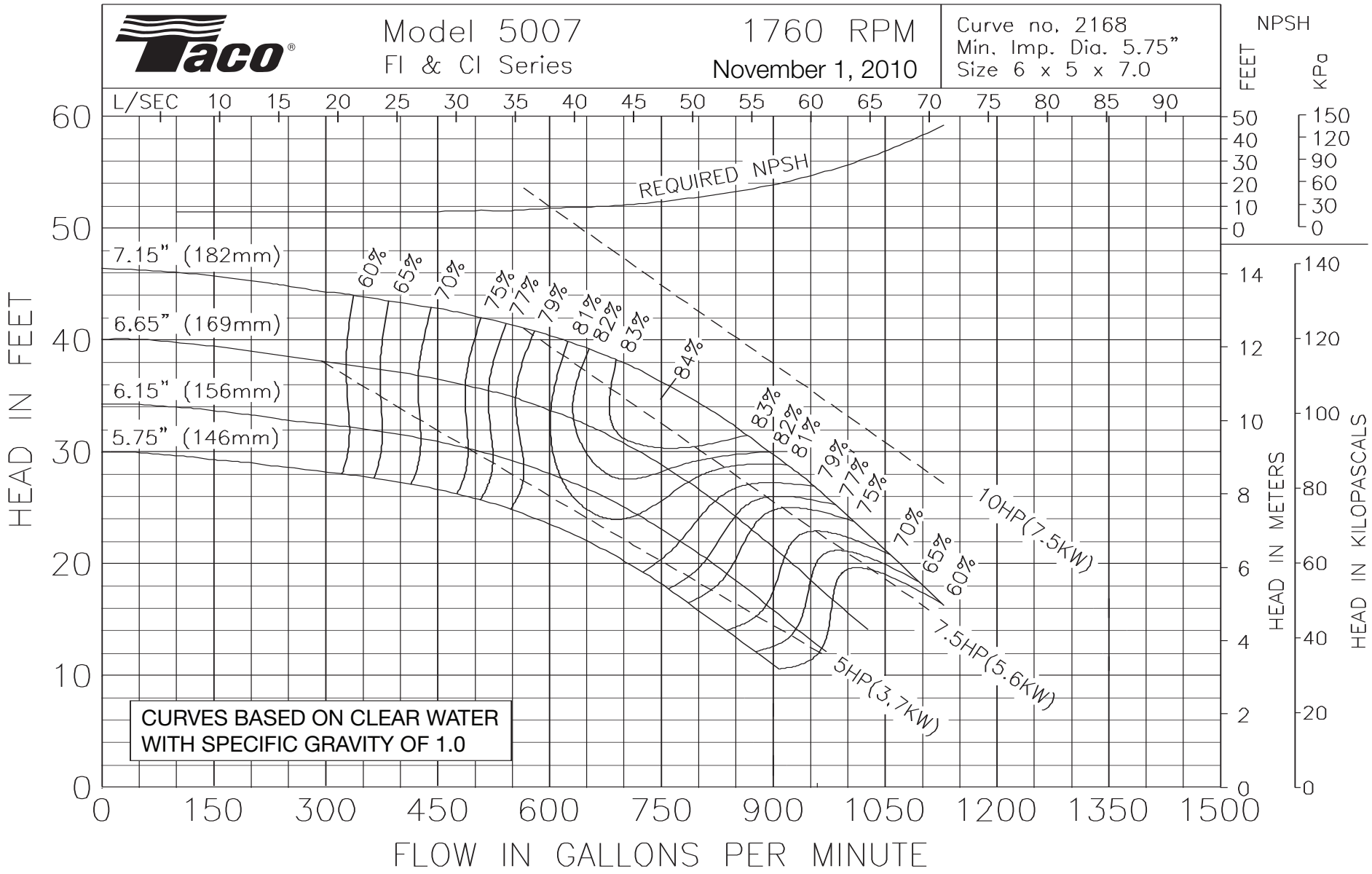

Taco
Model 4007
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2071
Min. Imp. Dia. 5.50"
Size 5 X 4 X 7.0
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
FEET
NPSH
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
60%
65%
70%
75%
77%
80%
82%
83.5%
3HP (2.2KW)
5HP (3.7KW)
7.5HP (5.6KW)
10HP (7.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 125 250 375 500 625 750 875 1000
FLOW IN GALLONS PER MINUTE

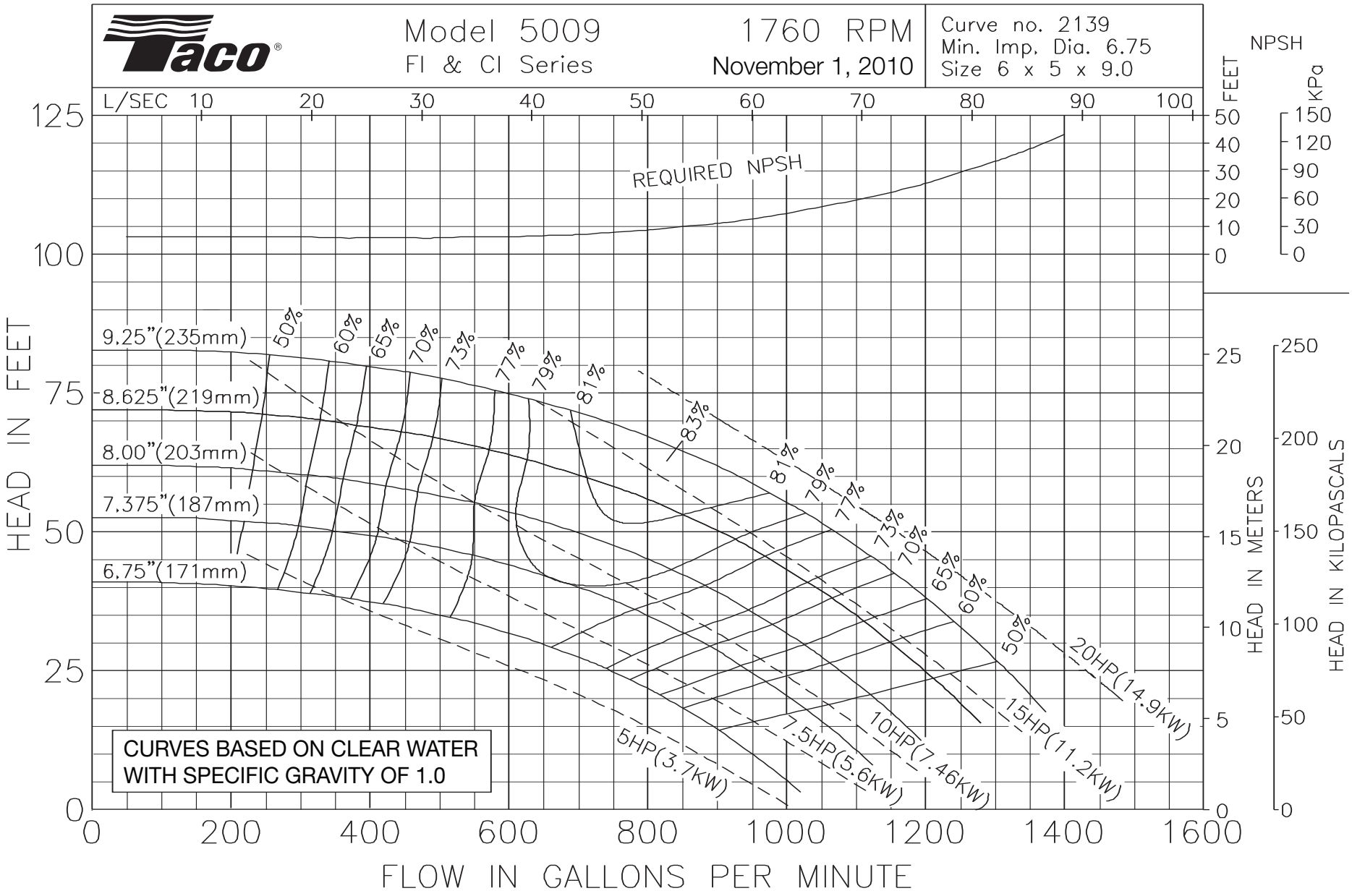

Taco
Model 4009
FI & CI Series
1760 RPM
JANUARY, 3 2006
Curve no. 2289
Min. Imp. Dia. 7.5
Size 5 x 4x 9.25
L/SEC
10
20
30
40
50
60
70
80
90
100
NPSH
FEET
KPa
REQUIRED NPSH
9.25"(235.0mm)
9.0"(229mm)
8.5"(216mm)
8.0"(203mm)
7.5"(191mm)
60%
65%
70%
75%
78%
80%
82%
83%
84%
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0
200
400
600
800
1000
1200
1400
1600
125
100
75
50
25
0
250
200
150
100
50
0
120
90
60
30
40
20
5
MS 1-3-2006 PC-2289 RevA ECN20203
SUPERCEDES PREVIOUS Rev- AUG, 12 2003

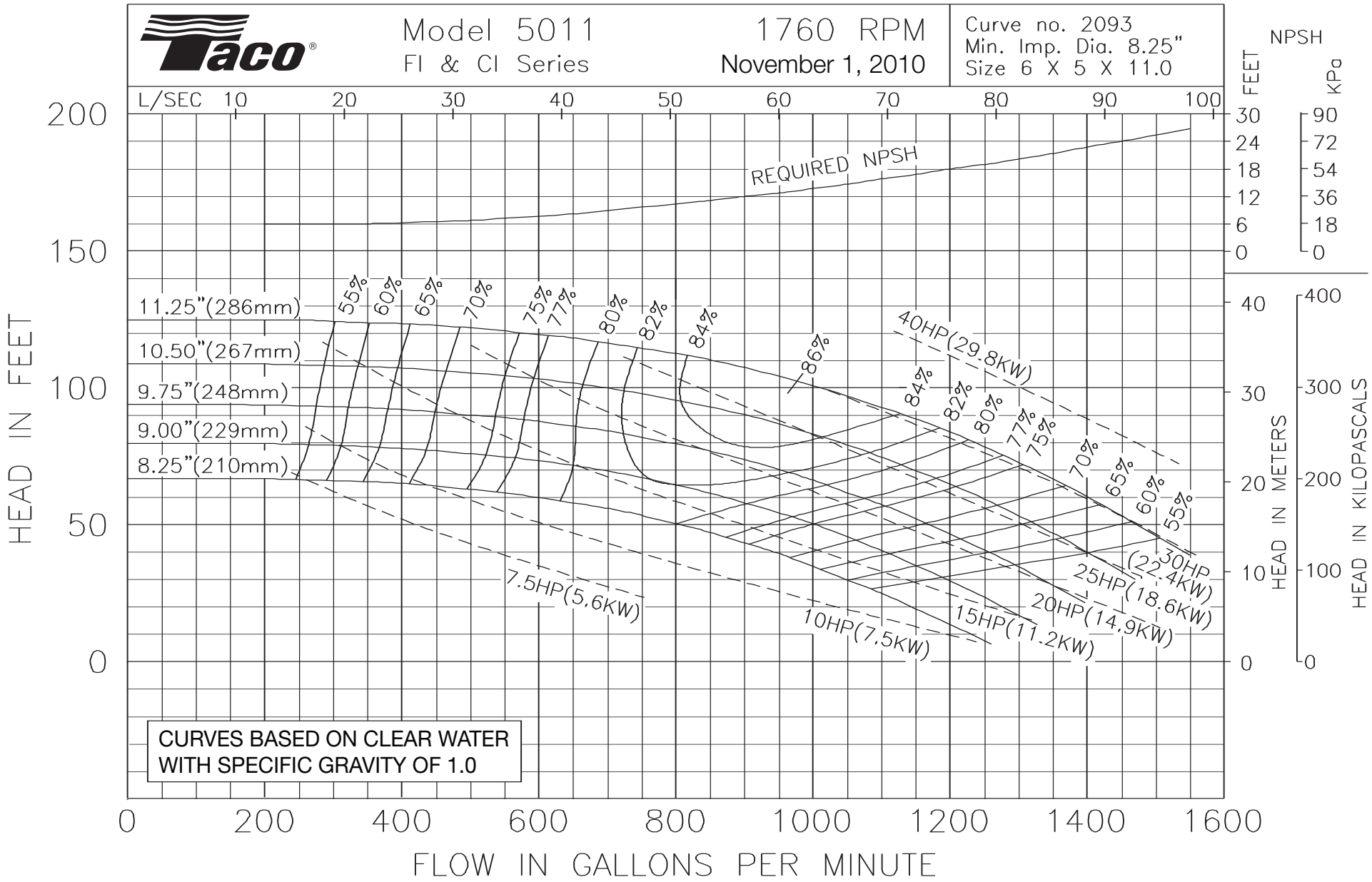

Taco
Model 4011
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2286
Min. Imp. Dia. 8.25"
Size 5 X 4 X 11.0
L/SEC 10 20 30 40 50 60 70 80 90 100
NPSH
FEET
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
68%
72%
74%
76%
78%
80%
82%
84%
86%
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
FLOW IN GALLONS PER MINUTE

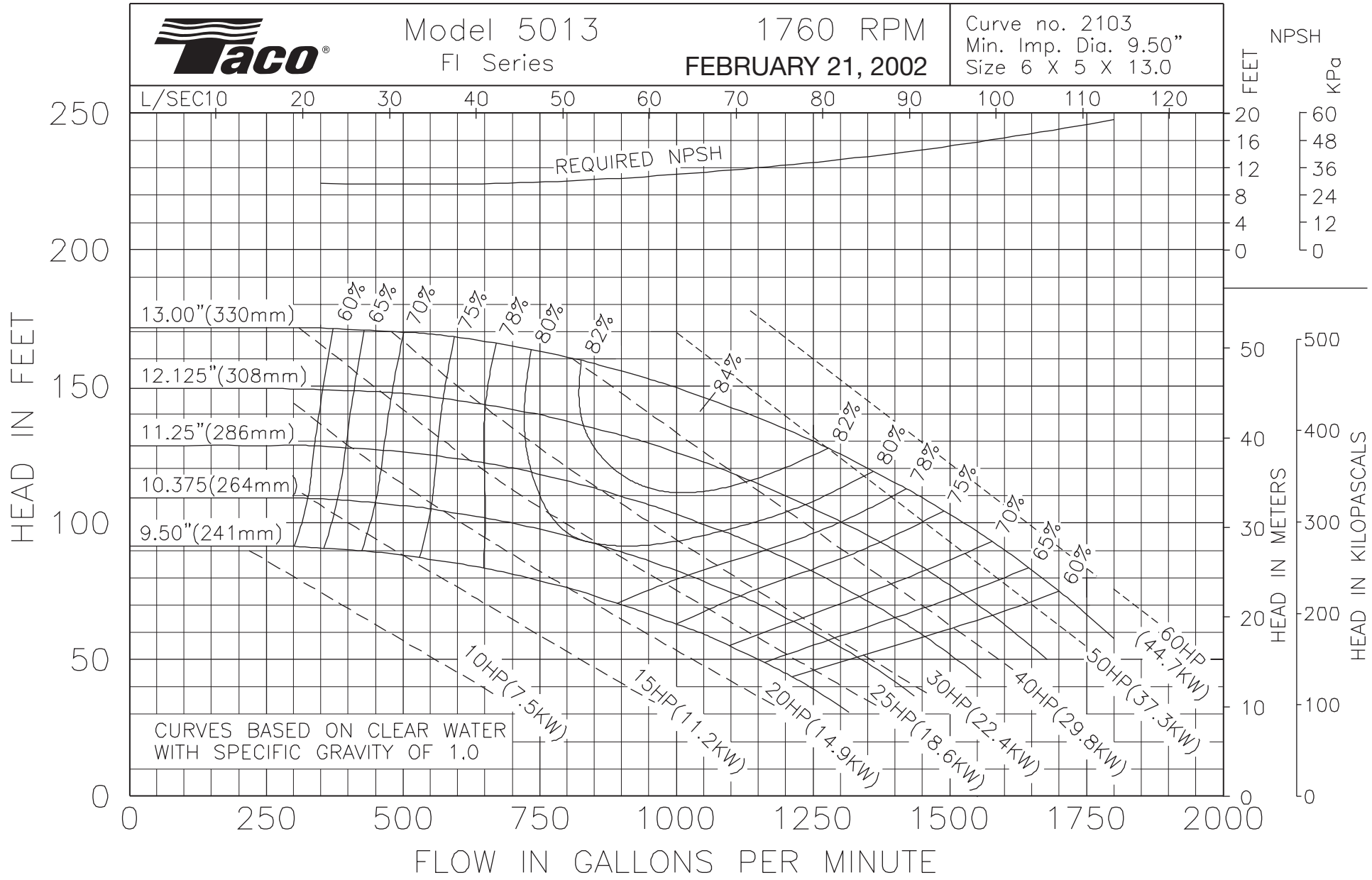

Taco
Model 4013
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2312
Min. Imp. Dia. 6.75
Size 5 x 4 x 13
L/SEC 10 20 30 40 50 60 70 80 90 100
NPSH
FEET
KPa
REQUIRED NPSH
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
12.75"(241.3mm)
11.25"(229mm)
9.75"(216mm)
8.25"(203mm)
6.75"(111mm)
60%
65%
70%
75%
78%
80%
81%
81.5%
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

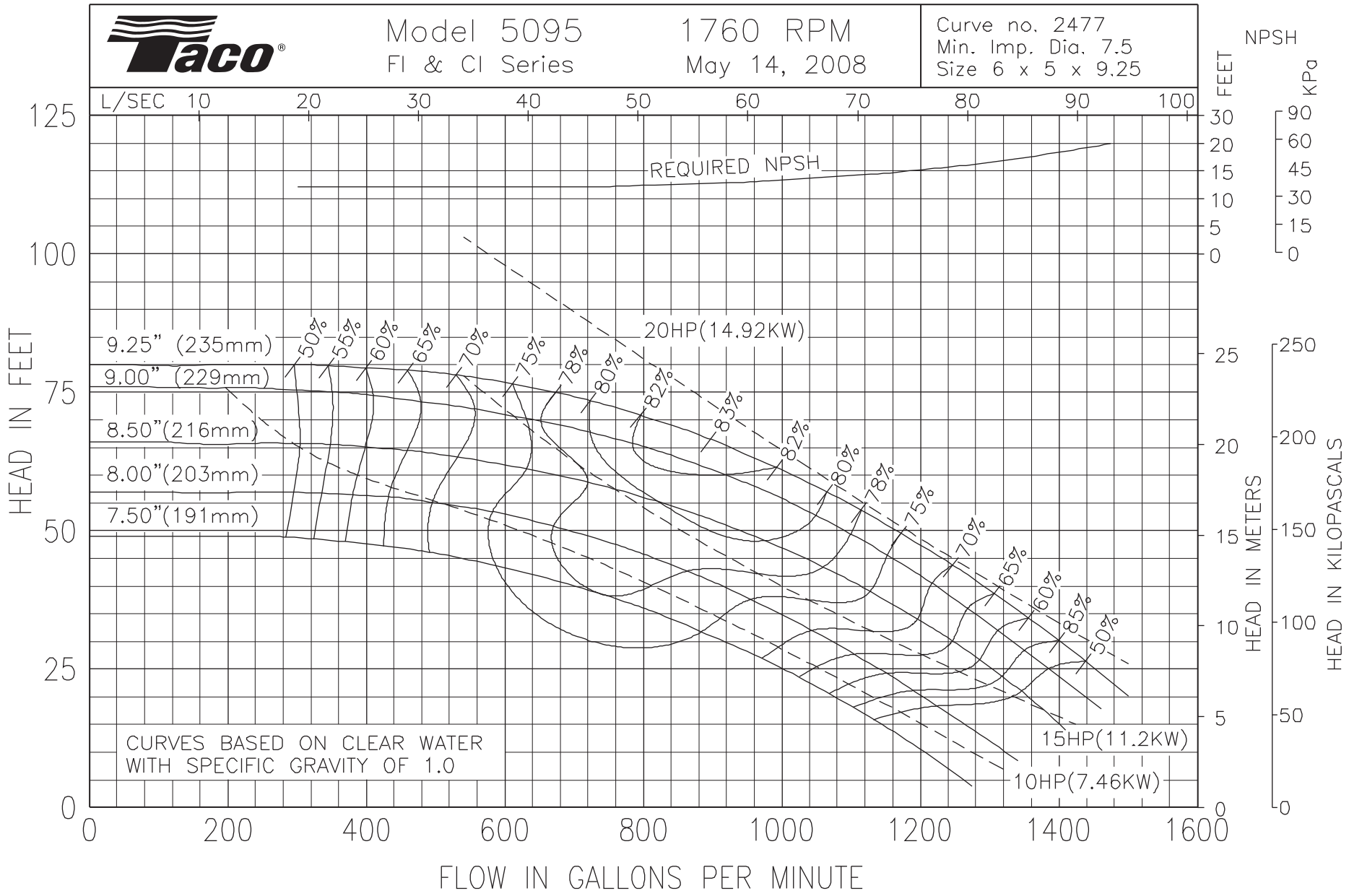

Taco
Model 4075
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2174
Min. Imp. Dia. 6.25"
Size 5 x 4x 7.0
NPSH
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
HEAD IN FEET
0 10 20 30 40 50 60
0 100 200 300 400 500 600 700 800 900 1000
FLOW IN GALLONS PER MINUTE
HEAD IN METERS
0 2 4 6 8 10 12 14
HEAD IN KILOPASCALS
0 20 40 60 80 100 120 140
0 10 20 30 40 50
0 30 60 90 120 150
REQUIRED NPSH
7.25" (184mm)
7.00" (178mm)
6.75" (171.5mm)
6.5" (165mm)
6.25" (159mm)
60%
65%
70%
75%
78%
80%
81%
82%
83%
84%
85%
1.5HP(5.6KW)
5HP(3.7KW)
3HP(2.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0

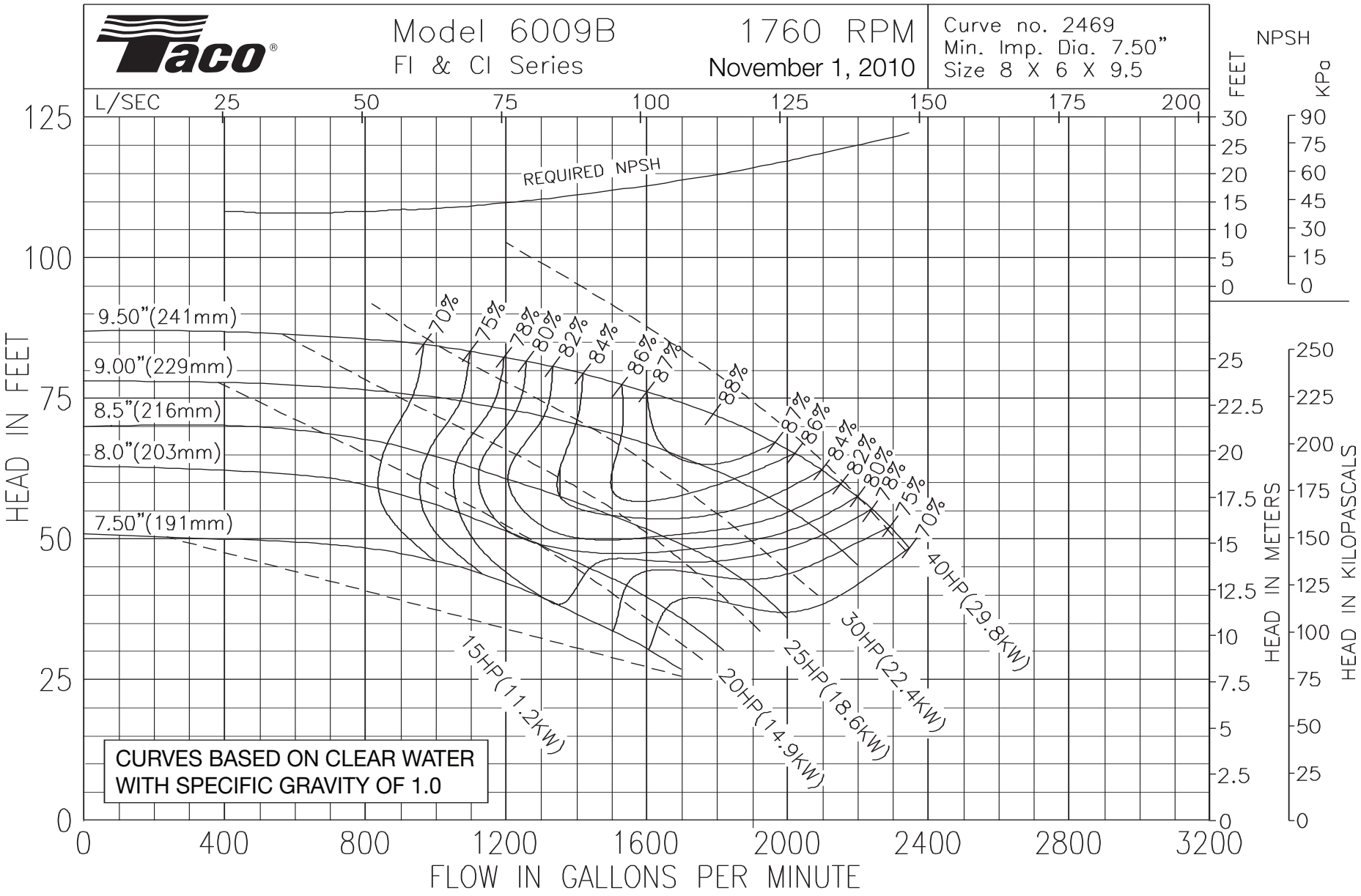

Taco
Model 5007
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2168
Min. Imp. Dia. 5.75"
Size 6 x 5 x 7.0
L/SEC
10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
NPSH
FEET
KPa
50 40 30 20 10 0
150 120 90 60 30 0
REQUIRED NPSH
7.15" (182mm)
6.65" (169mm)
6.15" (156mm)
5.75" (146mm)
60% 65% 70% 75% 77% 79% 81% 82% 83% 84%
83% 82% 81% 79% 77% 75% 70% 65% 60%
10HP(7.5KW)
7.5HP(5.6KW)
5HP(3.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
60 50 40 30 20 10 0
14 12 10 8 6 4 2 0
HEAD IN METERS
140 120 100 80 60 40 20 0
HEAD IN KILOPASCALS
0 150 300 450 600 750 900 1050 1200 1350 1500
FLOW IN GALLONS PER MINUTE

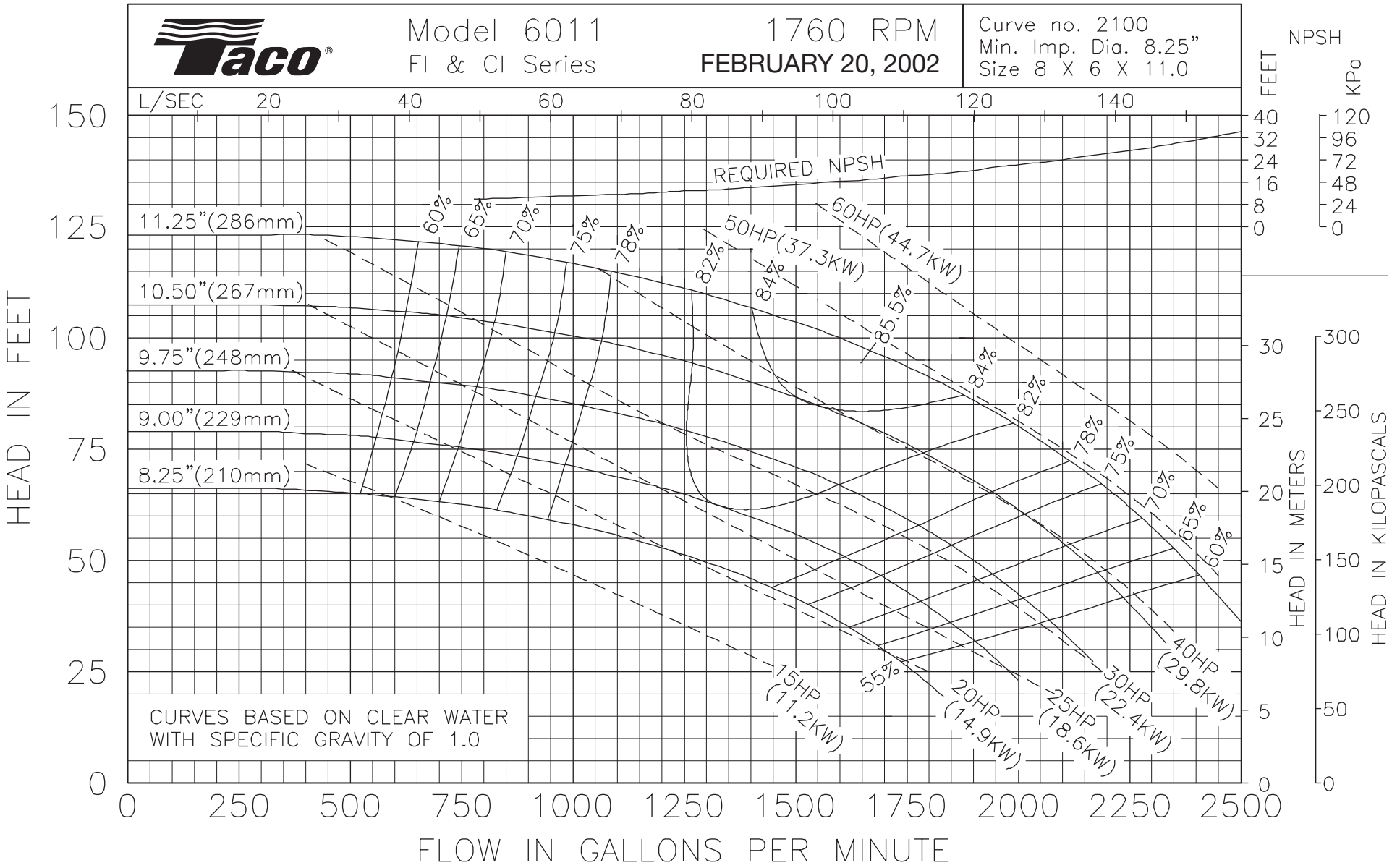

Taco
Model 5009
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2139
Min. Imp. Dia. 6.75
Size 6 x 5 x 9.0
L/SEC 10 20 30 40 50 60 70 80 90 100
NPSH
FEET
KPa
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
50%
60%
65%
70%
73%
77%
79%
81%
83%
5HP(3.7KW)
7.5HP(5.6KW)
10HP(7.46KW)
15HP(11.2KW)
20HP(14.9KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

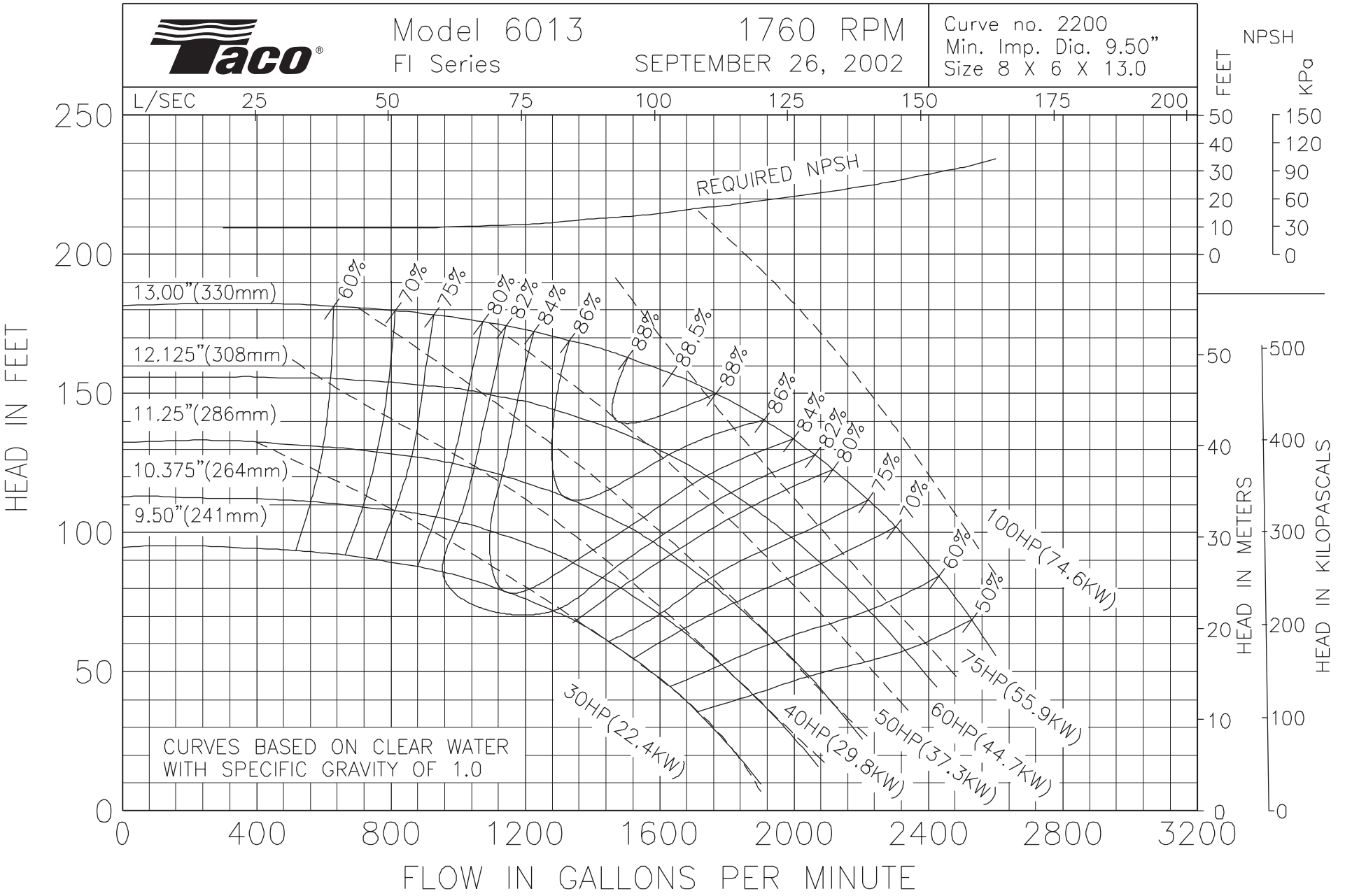

Taco
Model 5011
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2093
Min. Imp. Dia. 8.25"
Size 6 X 5 X 11.0
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
55%
60%
65%
70%
75%
77%
80%
82%
84%
86%
40HP(29.8KW)
30HP (22.4KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
FLOW IN GALLONS PER MINUTE

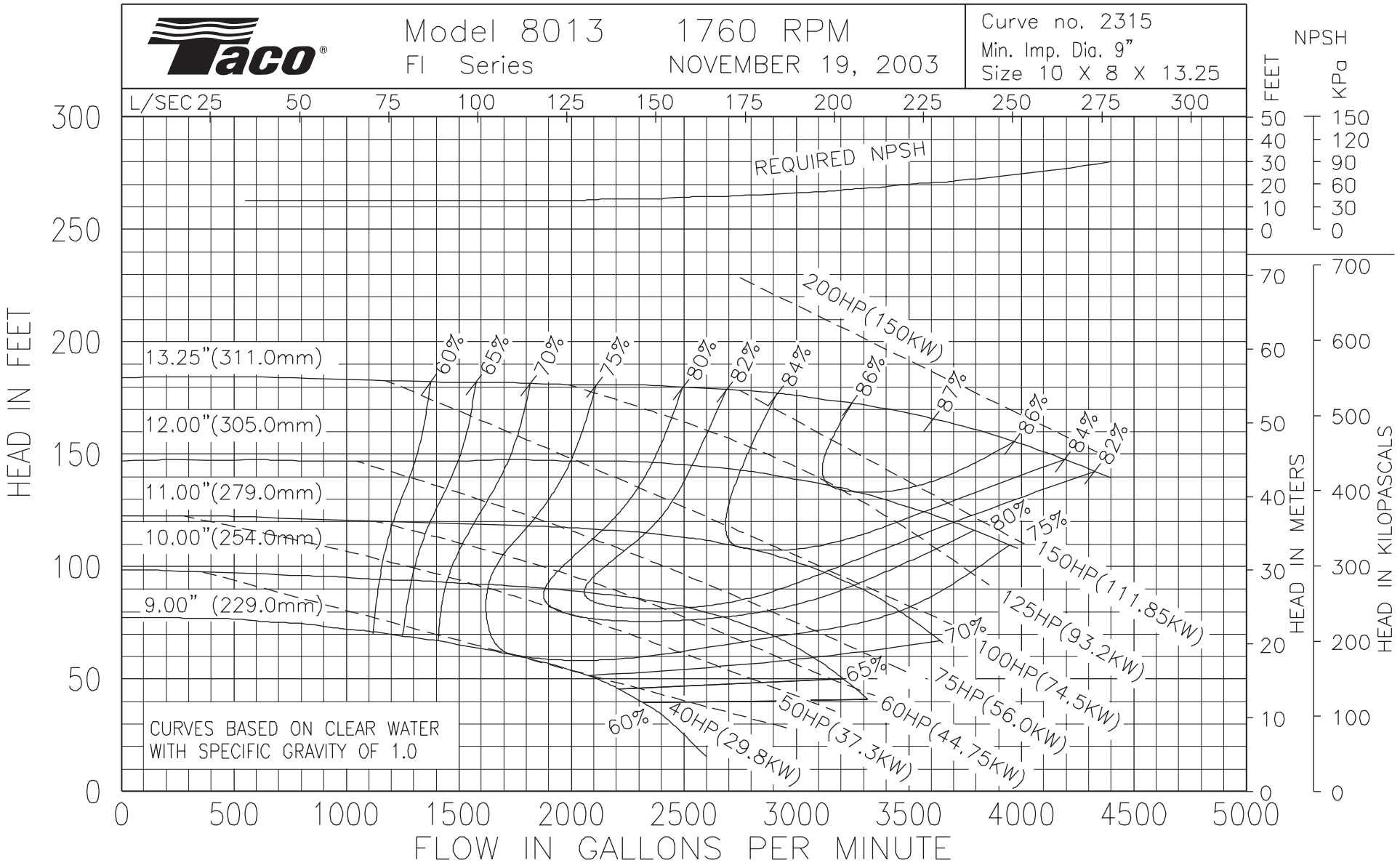

Taco
Model 5013
FI Series
1760 RPM
FEBRUARY 21, 2002
Curve no. 2103
Min. Imp. Dia. 9.50"
Size 6 X 5 X 13.0
L/SEC 10 20 30 40 50 60 70 80 90 100 110 120
FEET
NPSH
KPa
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375(264mm)
9.50"(241mm)
60%
65%
70%
75%
78%
80%
82%
84%
10HP(7.5KW)
15HP(11.2KW)
20HP(14.9KW)
25HP(18.6KW)
30HP(22.4KW)
40HP(29.8KW)
50HP(37.3KW)
60HP
(44.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 250 500 750 1000 1250 1500 1750 2000
FLOW IN GALLONS PER MINUTE

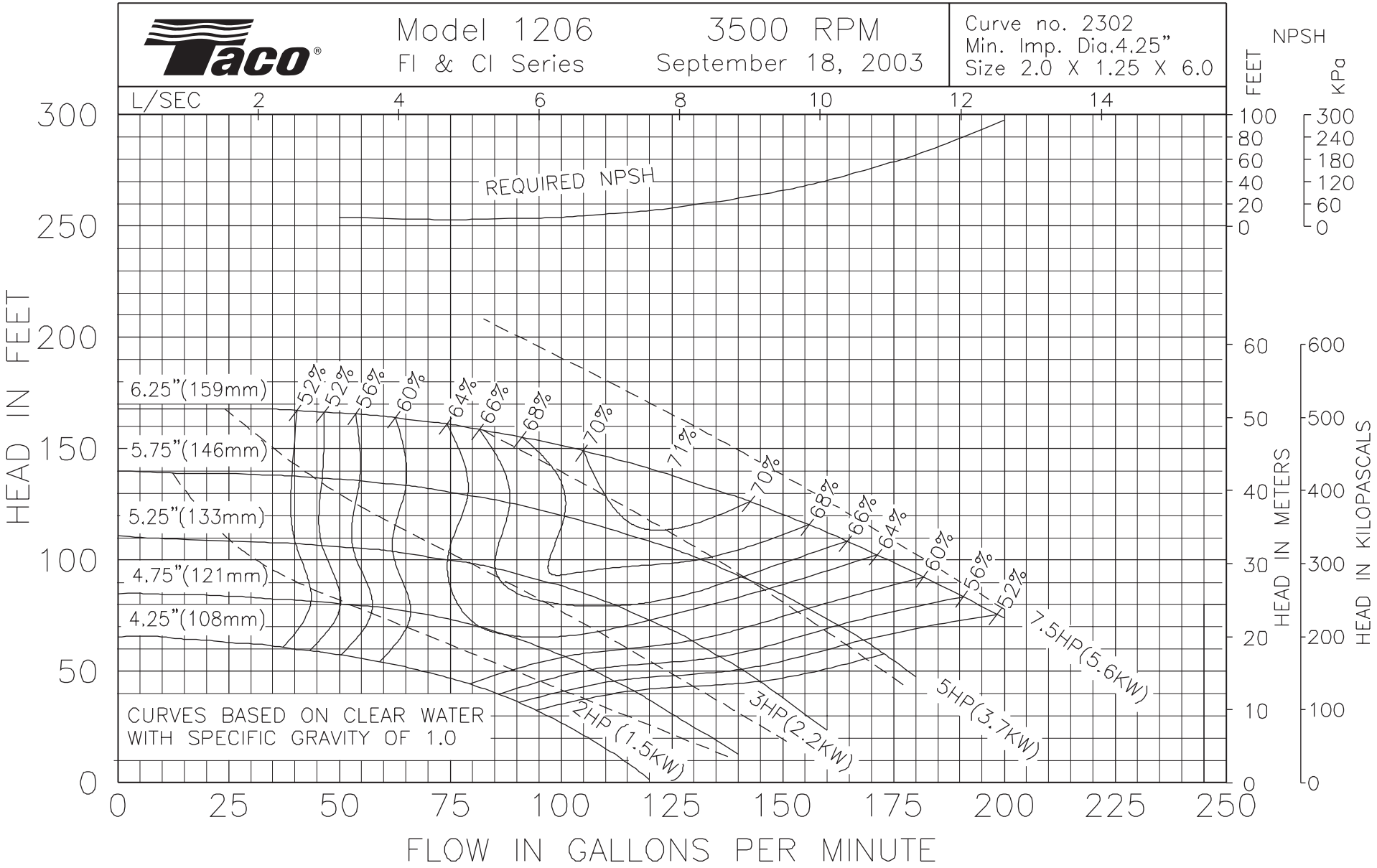

Taco
Model 5095
FI & CI Series
1760 RPM
May 14, 2008
Curve no. 2477
Min. Imp. Dia. 7.5
Size 6 x 5 x 9.25
L/SEC 10 20 30 40 50 60 70 80 90 100
FEET
NPSH
KPa
REQUIRED NPSH
9.25" (235mm)
9.00" (229mm)
8.50"(216mm)
8.00"(203mm)
7.50"(191mm)
20HP(14.92KW)
15HP(11.2KW)
10HP(7.46KW)
50%
55%
60%
65%
70%
75%
78%
80%
82%
83%
82%
80%
78%
75%
70%
65%
60%
85%
50%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0 200 400 600 800 1000 1200 1400 1600
0 25 50 75 100 125
0 5 10 15 20 25 30
0 15 30 45 60 90
0 50 100 150 200 250

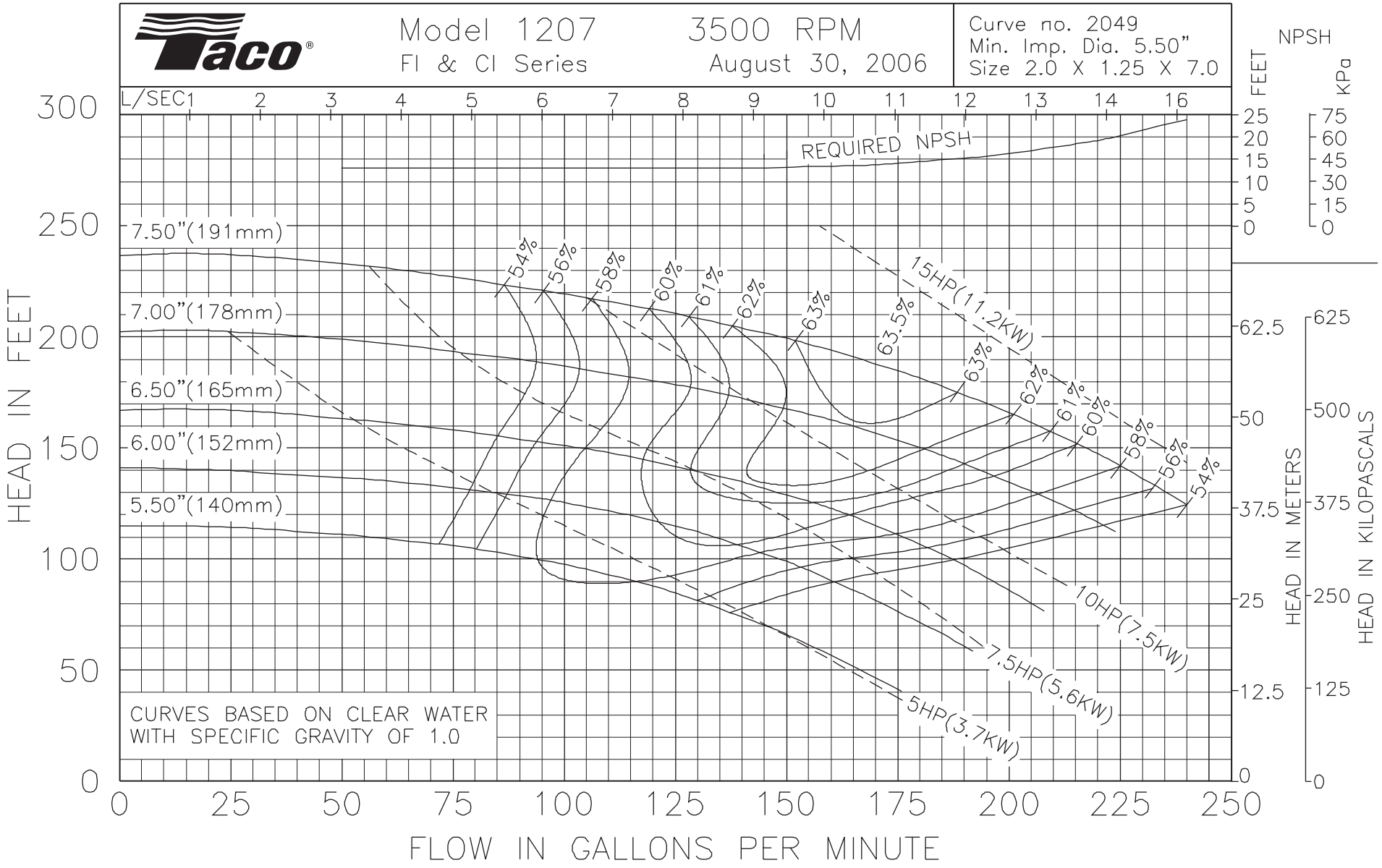

Taco
Model 6009B
FI & CI Series
1760 RPM
November 1, 2010
Curve no. 2469
Min. Imp. Dia. 7.50"
Size 8 X 6 X 9.5
NPSH
FEET
KPa
L/SEC
25
50
75
100
125
150
175
200
REQUIRED NPSH
9.50"(241mm)
9.00"(229mm)
8.5"(216mm)
8.0"(203mm)
7.50"(191mm)
70%
75%
78%
80%
82%
84%
86%
87%
88%
15HP(11.2KW)
20HP(14.9KW)
25HP(18.6KW)
30HP(22.4KW)
40HP(29.8KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE
0
400
800
1200
1600
2000
2400
2800
3200

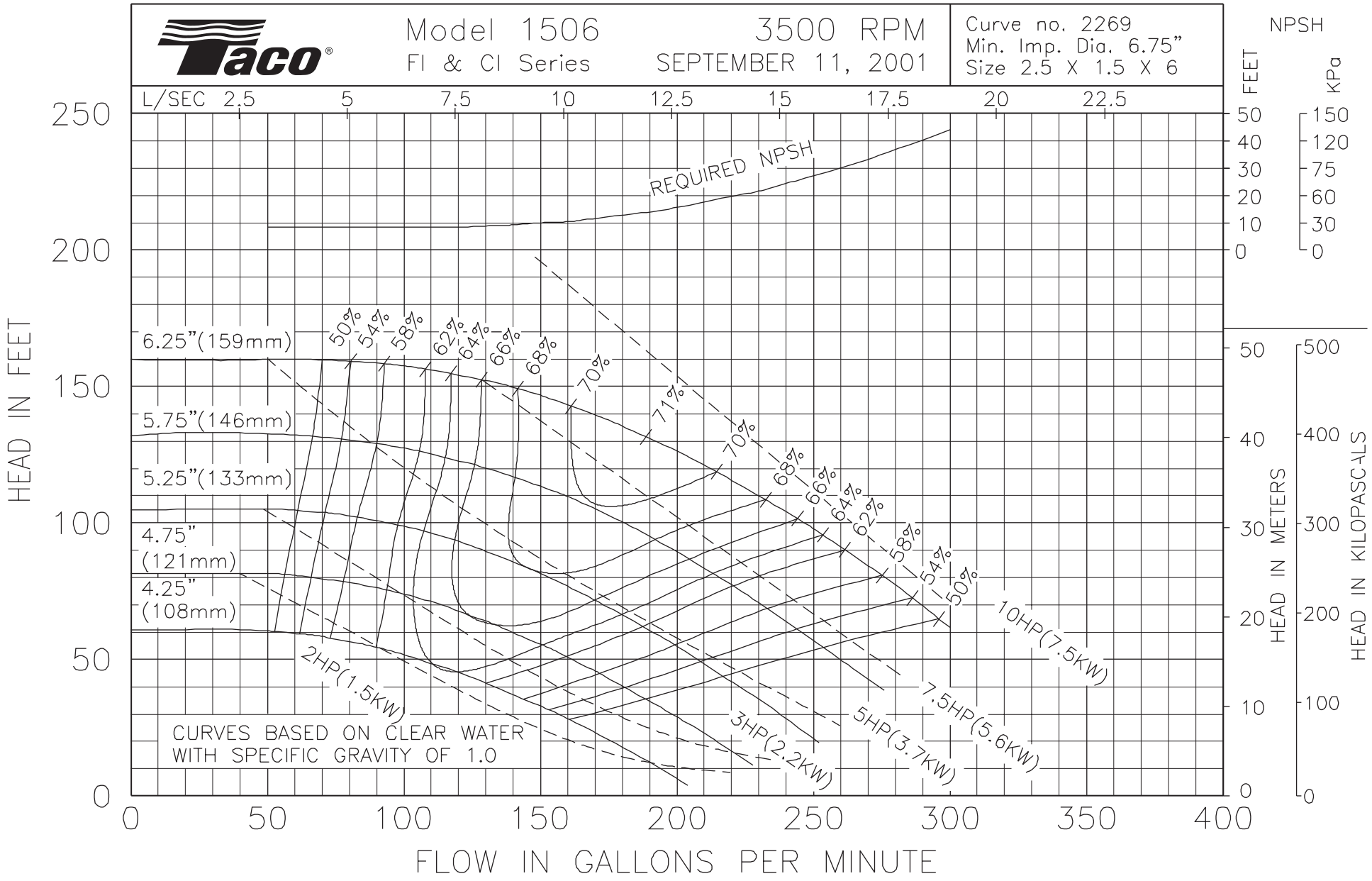

Taco
Model 6011
FI & CI Series
1760 RPM
FEBRUARY 20, 2002
Curve no. 2100
Min. Imp. Dia. 8.25"
Size 8 X 6 X 11.0
L/SEC
20
40
60
80
100
120
140
NPSH
FEET
KPa
REQUIRED NPSH
11.25"(286mm)
10.50"(267mm)
9.75"(248mm)
9.00"(229mm)
8.25"(210mm)
60%
65%
70%
75%
78%
82%
84%
85.5%
50HP(37.3KW)
60HP(44.7KW)
15HP (11.2KW)
20HP (14.9KW)
25HP (18.6KW)
30HP (22.4KW)
40HP (29.8KW)
55%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

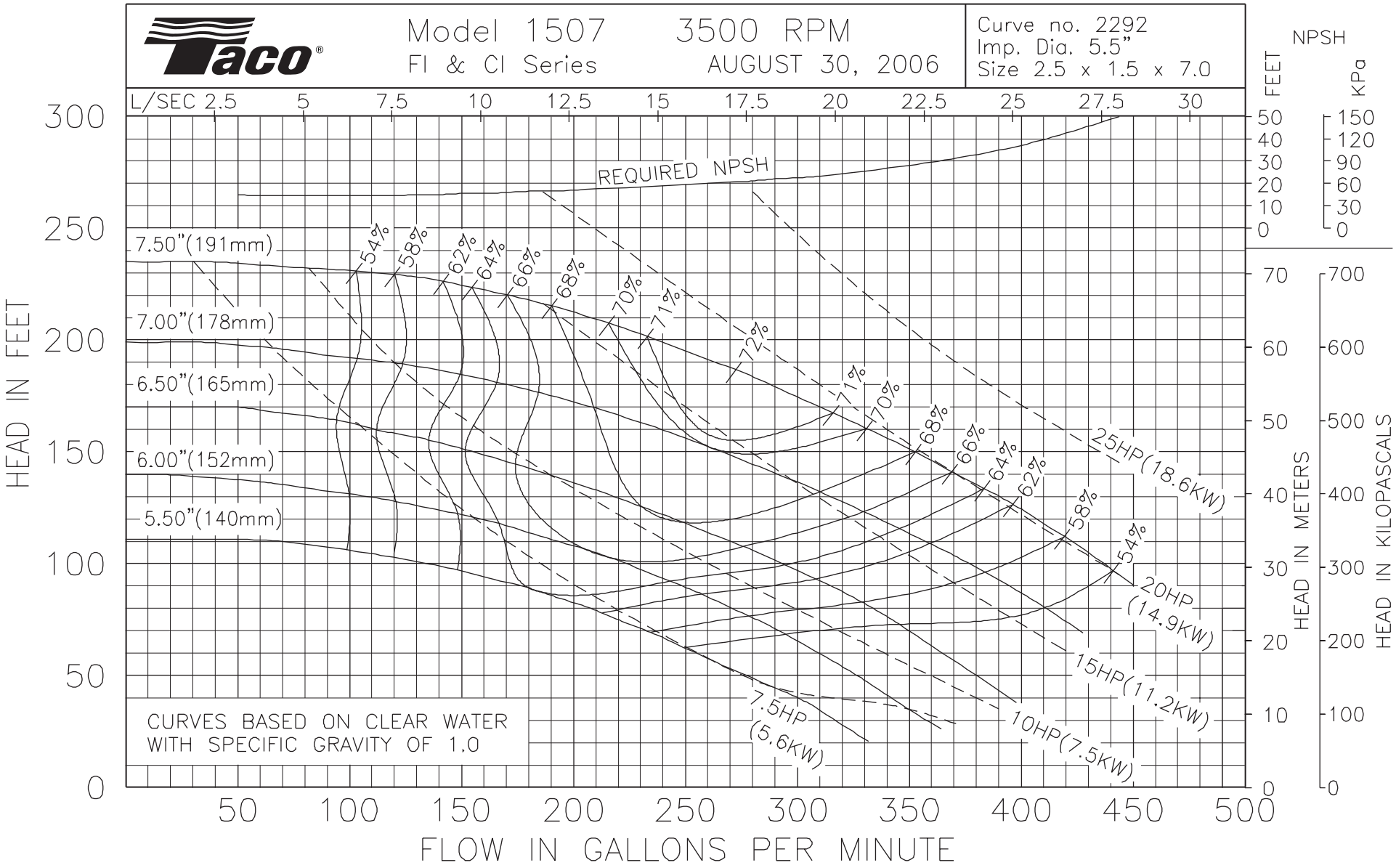

Taco
Model 6013
FI Series
1760 RPM
SEPTEMBER 26, 2002
Curve no. 2200
Min. Imp. Dia. 9.50"
Size 8 X 6 X 13.0
L/SEC
25
50
75
100
125
150
175
200
NPSH
FEET
KPa
REQUIRED NPSH
13.00"(330mm)
12.125"(308mm)
11.25"(286mm)
10.375"(264mm)
9.50"(241mm)
60%
70%
75%
80%
82%
84%
86%
88%
88.5%
100HP(74.6KW)
75HP(55.9KW)
60HP(44.7KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

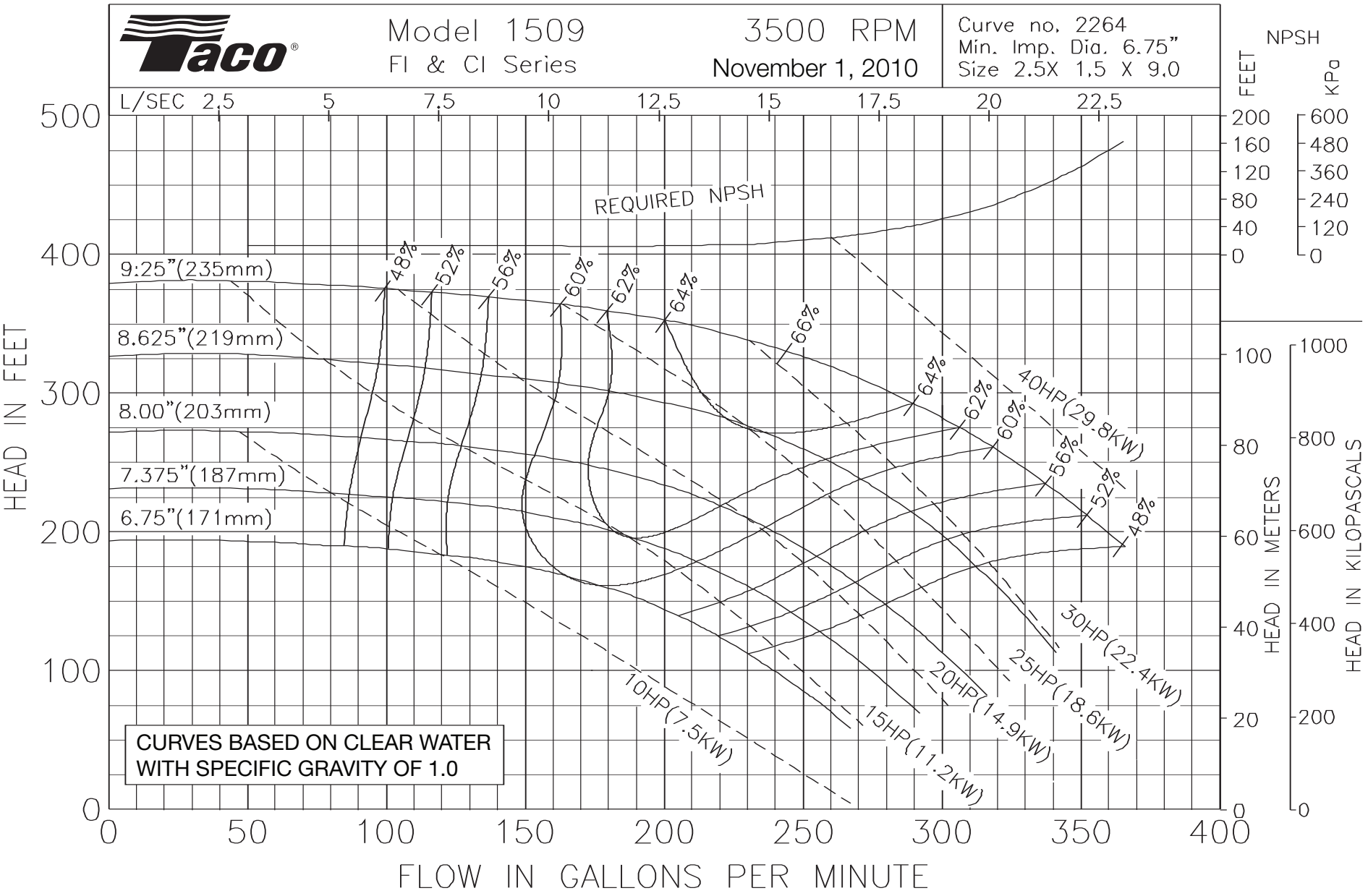

Taco
Model 8013 1760 RPM
FI Series NOVEMBER 19, 2003
Curve no. 2315
Min. Imp. Dia. 9"
Size 10 X 8 X 13.25
NPSH
FEET
KPa
L/SEC 25 50 75 100 125 150 175 200 225 250 275 300
REQUIRED NPSH
13.25"(311.0mm)
12.00"(305.0mm)
11.00"(279.0mm)
10.00"(254.0mm)
9.00" (229.0mm)
200HP(150KW)
150HP(111.85KW)
125HP(93.2KW)
100HP(74.5KW)
75HP(56.0KW)
60HP(44.75KW)
50HP(37.3KW)
40HP(29.8KW)
60%
65%
70%
75%
80%
82%
84%
86%
87%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

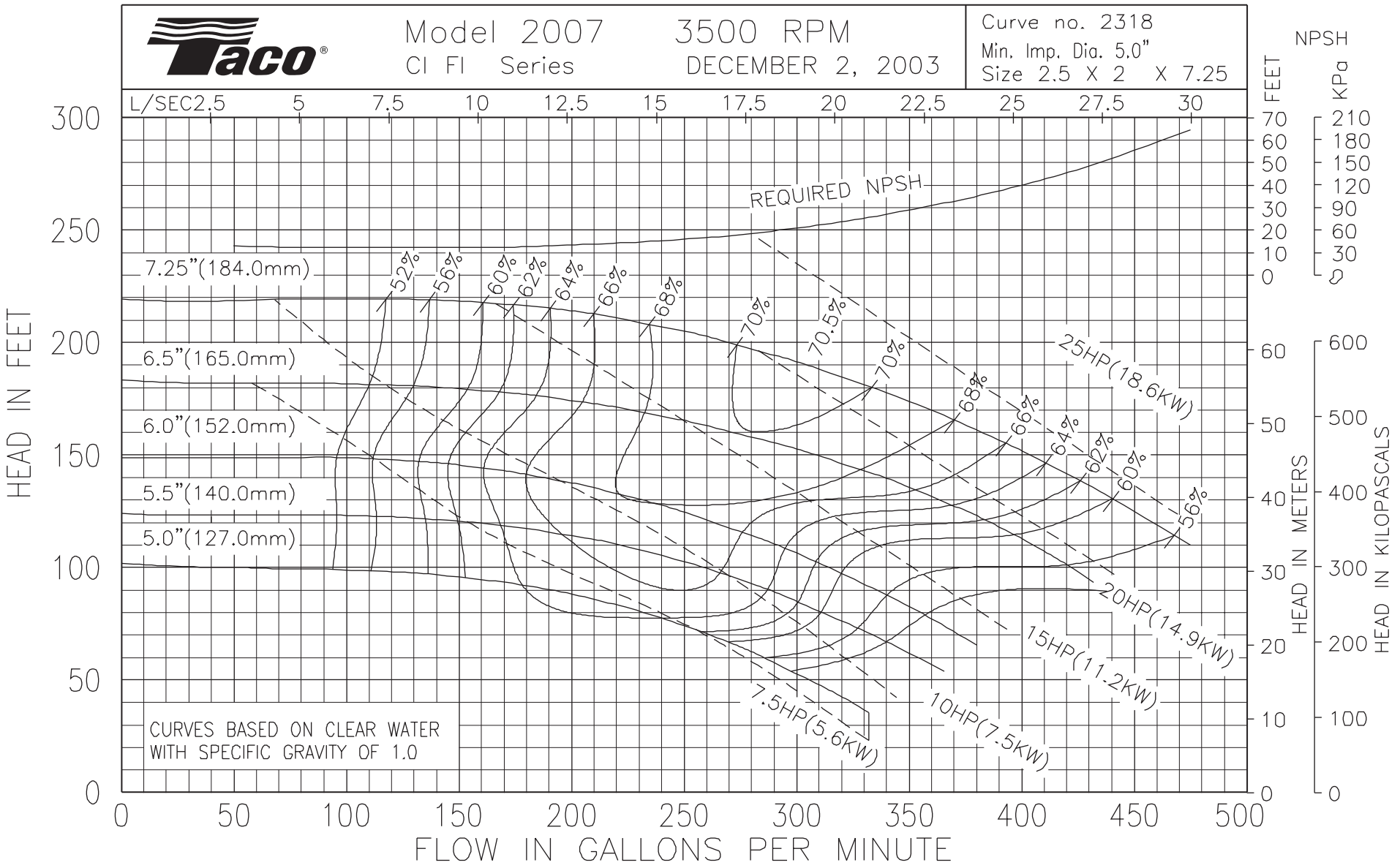

Taco
Model 1206
FI & CI Series
3500 RPM
September 18, 2003
Curve no. 2302
Min. Imp. Dia.4.25"
Size 2.0 X 1.25 X 6.0
L/SEC
2
4
6
8
10
12
14
NPSH
FEET
KPa
REQUIRED NPSH
6.25"(159mm)
5.75"(146mm)
5.25"(133mm)
4.75"(121mm)
4.25"(108mm)
52%
52%
56%
60%
64%
66%
68%
70%
71%
70%
68%
66%
64%
60%
56%
52%
2HP (1.5KW)
3HP(2.2KW)
5HP(3.7KW)
7.5HP(5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

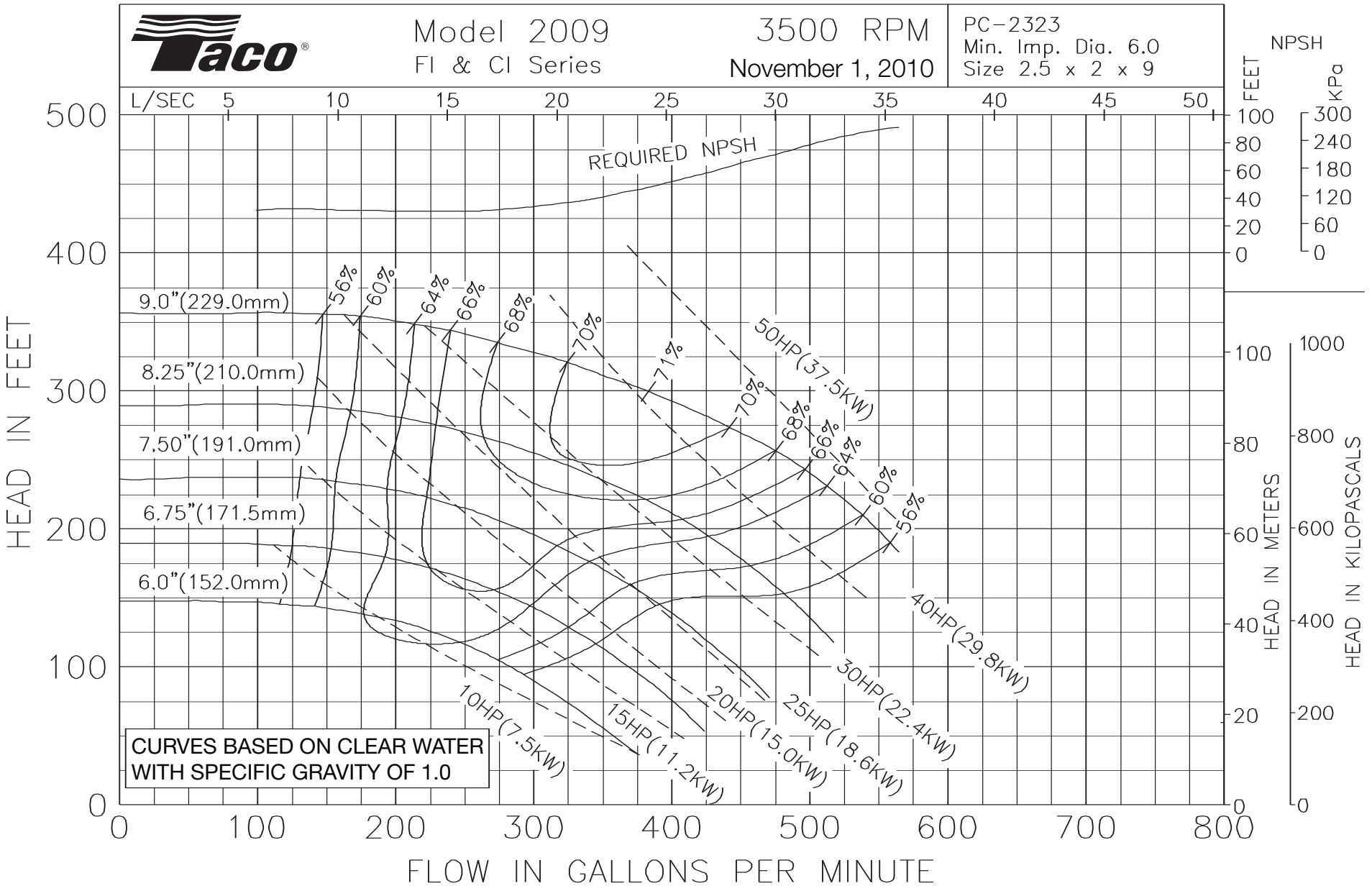

Taco
Model 1207
FI & CI Series
3500 RPM
August 30, 2006
Curve no. 2049
Min. Imp. Dia. 5.50"
Size 2.0 X 1.25 X 7.0
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
5HP(3.7KW)
54%
56%
58%
60%
61%
62%
63%
63.5%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

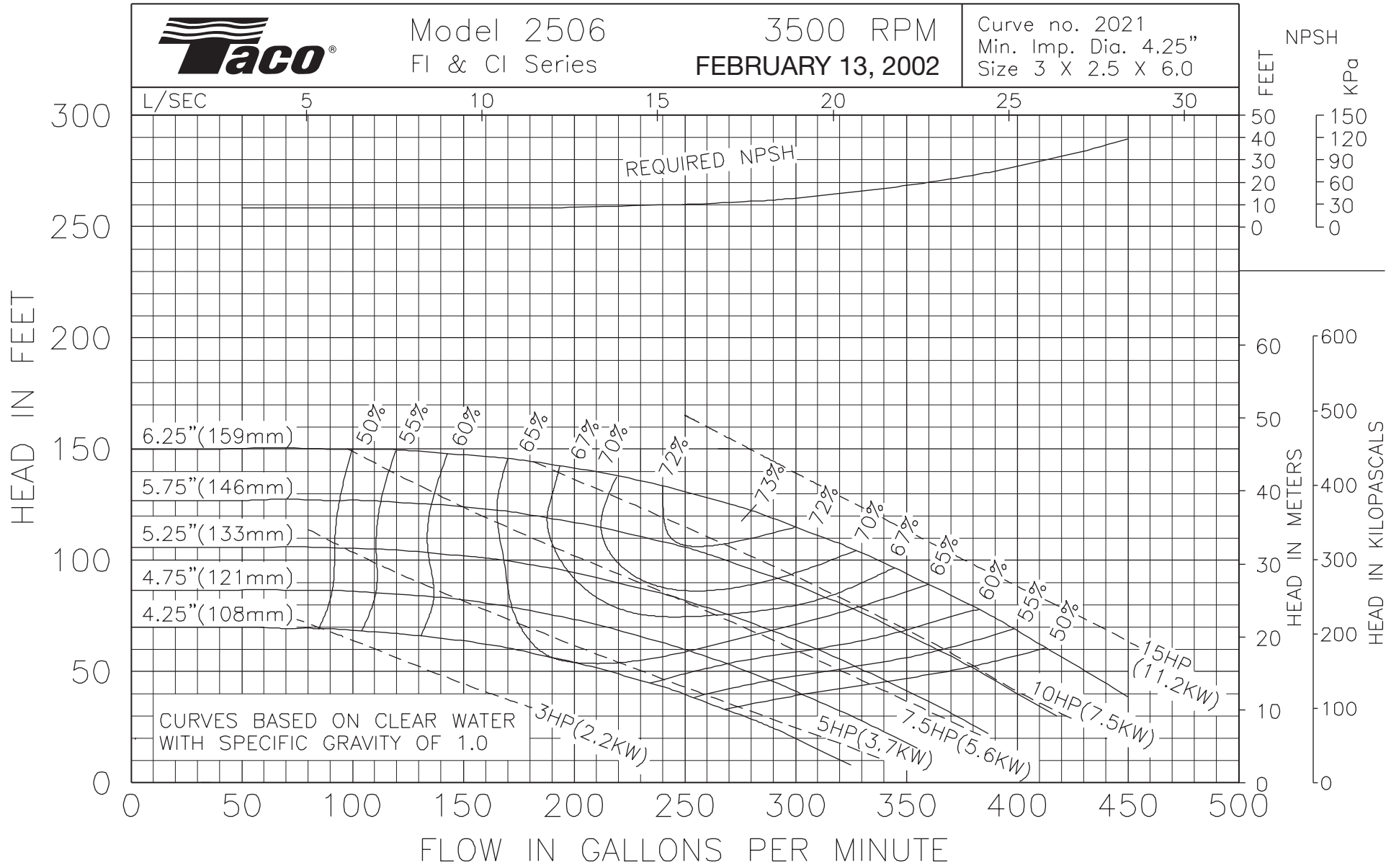

Taco
Model 1506
FI & CI Series
3500 RPM
SEPTEMBER 11, 2001
Curve no. 2269
Min. Imp. Dia. 6.75"
Size 2.5 X 1.5 X 6
NPSH
FEET
KPa
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5
REQUIRED NPSH
6.25"(159mm)
5.75"(146mm)
5.25"(133mm)
4.75" (121mm)
4.25" (108mm)
50%
54%
58%
62%
64%
66%
68%
70%
71%
2HP(1.5KW)
3HP(2.2KW)
5HP(3.7KW)
7.5HP(5.6KW)
10HP(7.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

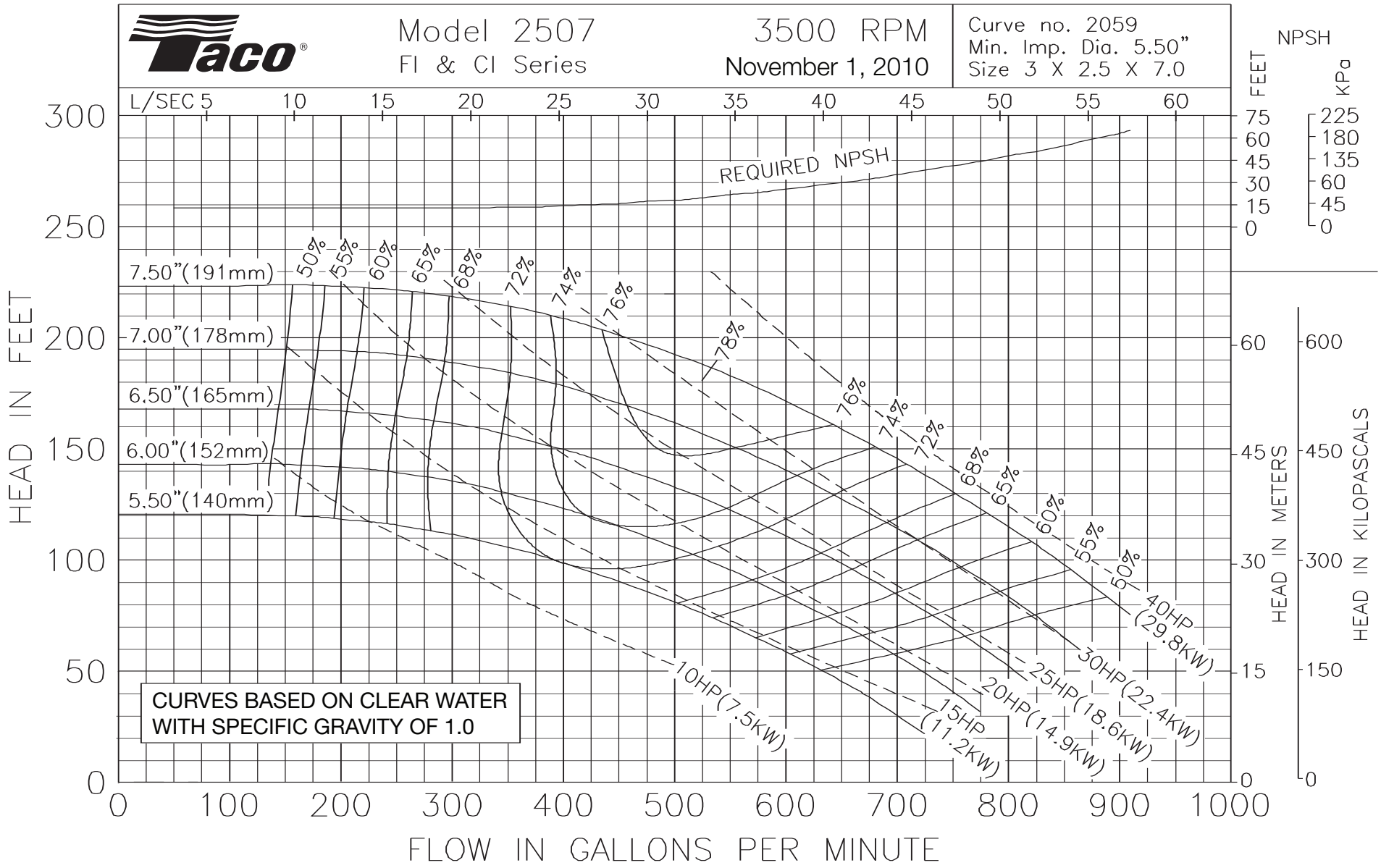

Taco
Model 1507 3500 RPM
FI & CI Series
AUGUST 30, 2006
Curve no. 2292
Imp. Dia. 5.5"
Size 2.5 x 1.5 x 7.0
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30
NPSH
FEET
KPa
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
54%
58%
62%
64%
66%
68%
70%
71%
72%
25HP(18.6KW)
20HP (14.9KW)
15HP(11.2KW)
10HP(7.5KW)
7.5HP (5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

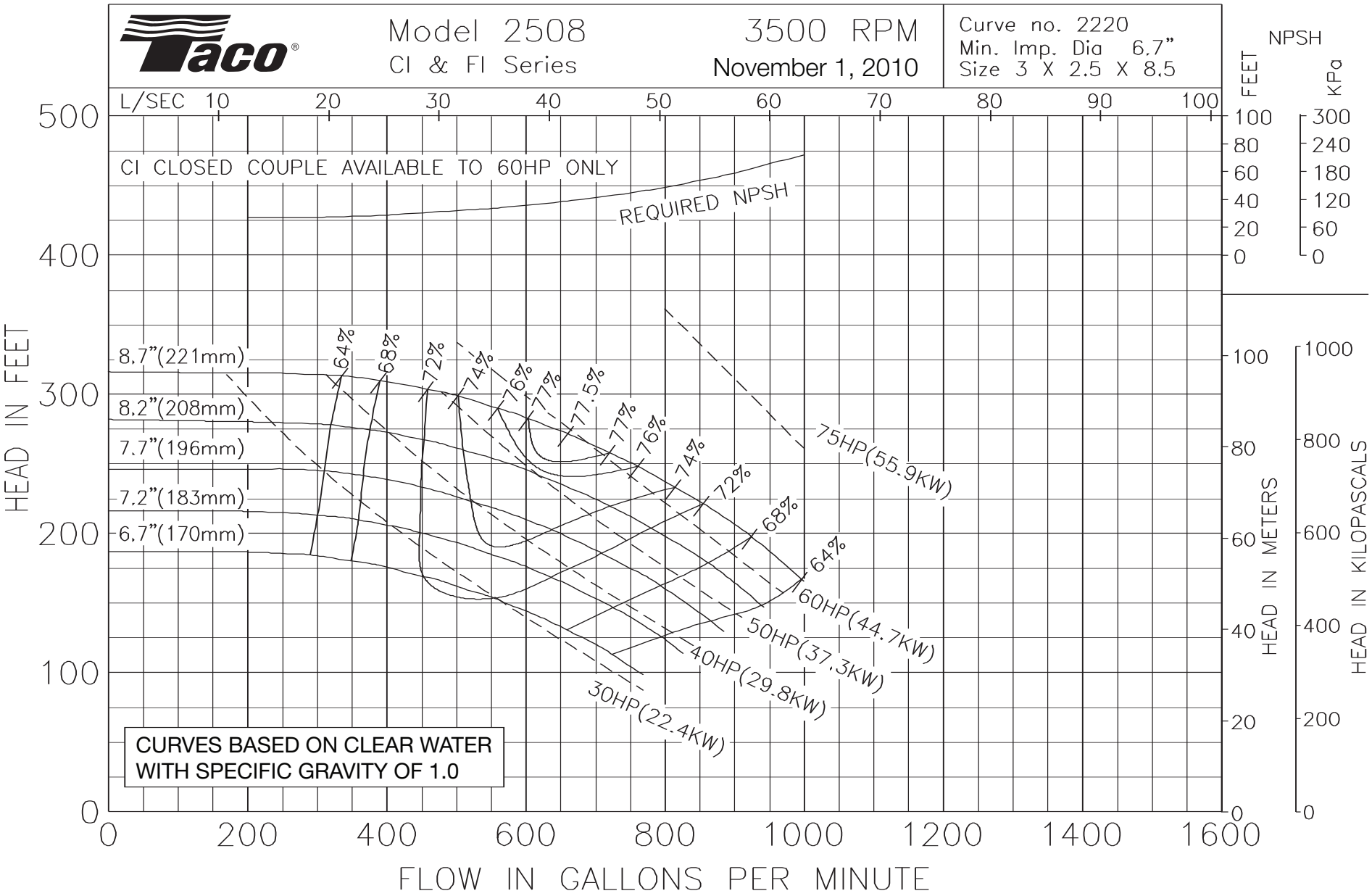

Taco
Model 1509
FI & CI Series
3500 RPM
November 1, 2010
Curve no. 2264
Min. Imp. Dia. 6.75"
Size 2.5X 1.5 X 9.0
NPSH
FEET
KPa
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
48%
52%
56%
60%
62%
64%
66%
40HP(29.8KW)
30HP(22.4KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

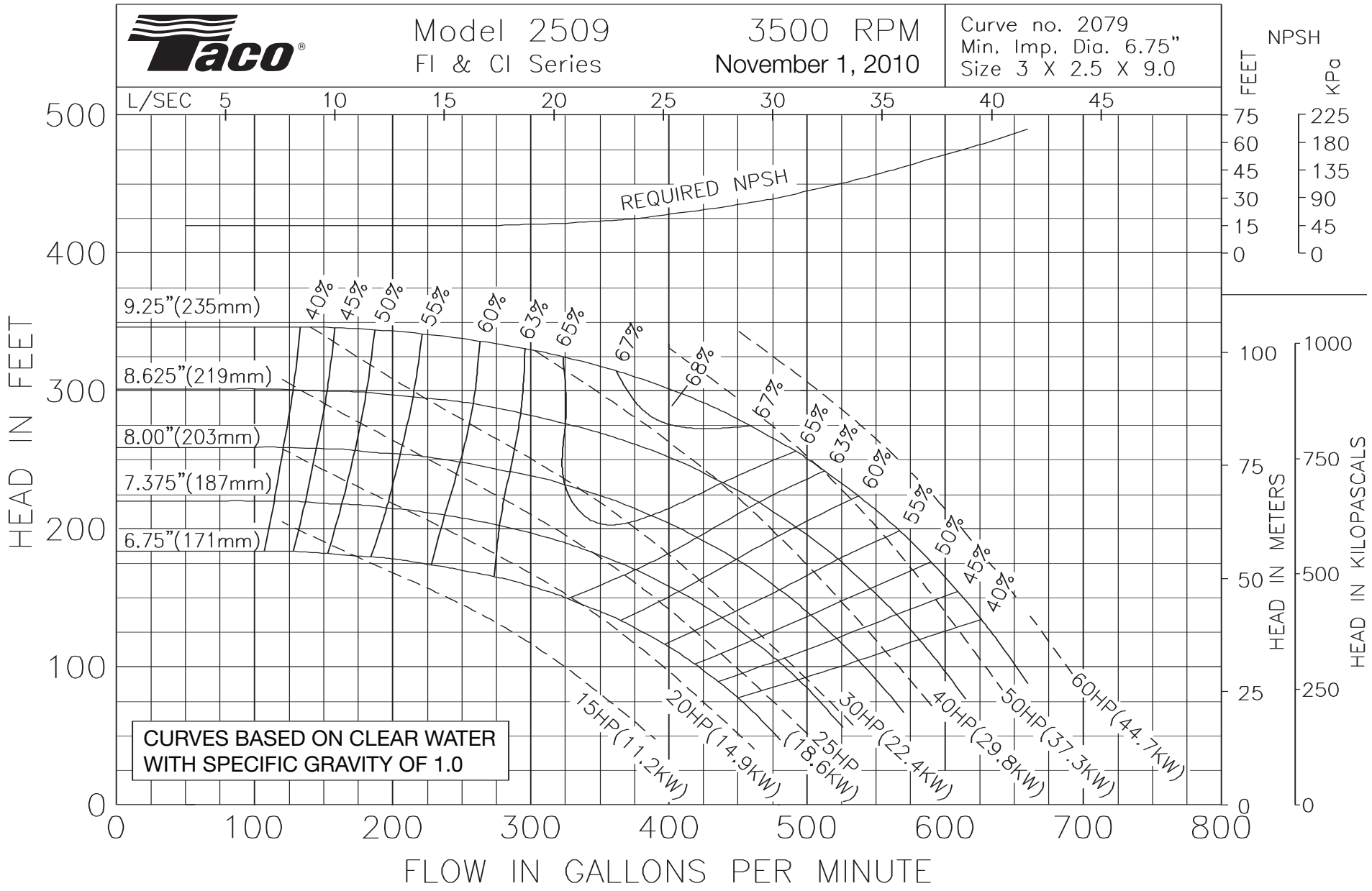

Taco
Model 2007 3500 RPM
CI FI Series DECEMBER 2, 2003
Curve no. 2318
Min. Imp. Dia. 5.0"
Size 2.5 X 2 X 7.25
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30
FEET
NPSH
KPa
REQUIRED NPSH
7.25"(184.0mm)
6.5"(165.0mm)
6.0"(152.0mm)
5.5"(140.0mm)
5.0"(127.0mm)
52%
56%
60%
62%
64%
66%
68%
70%
70.5%
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.5KW)
7.5HP(5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

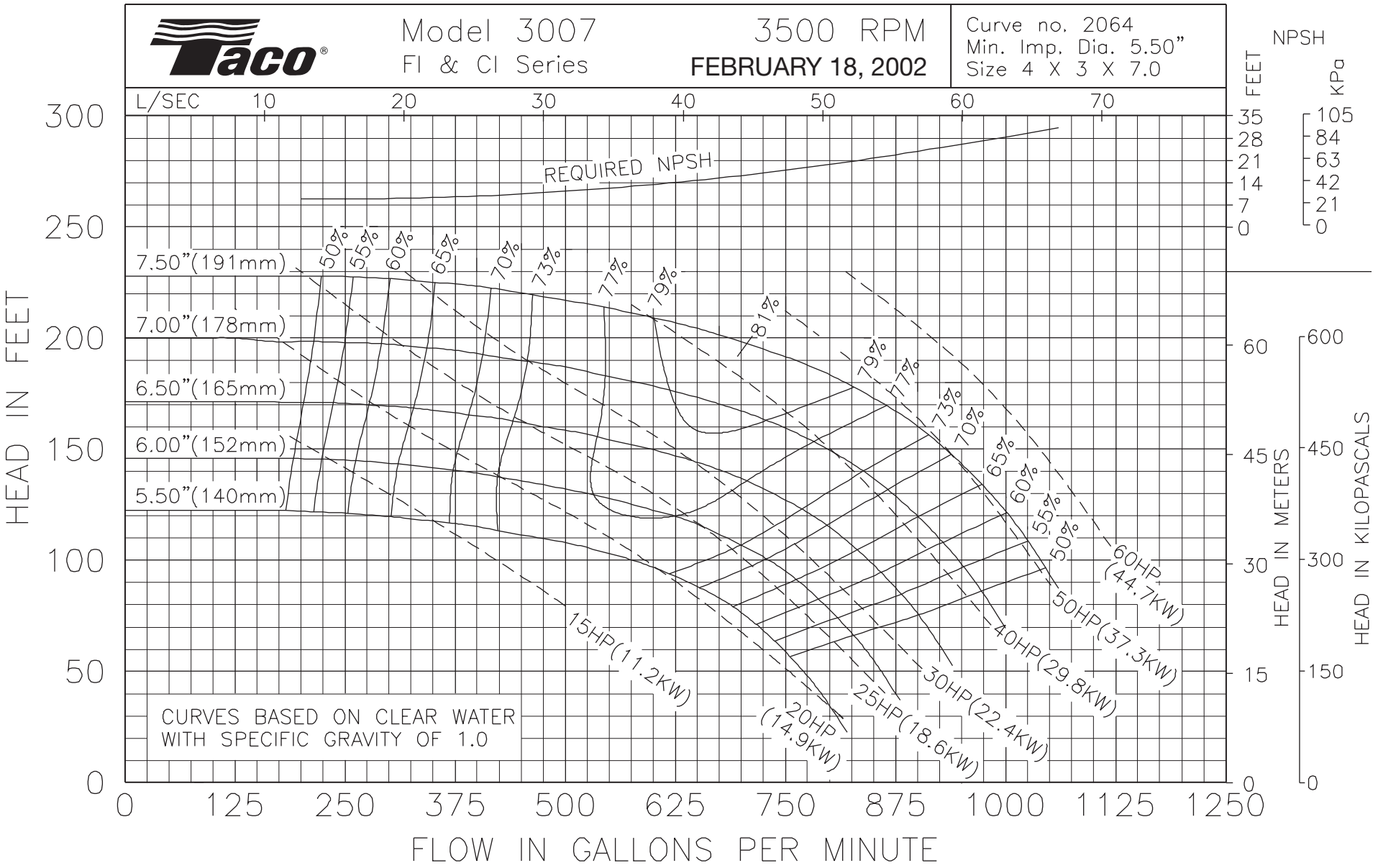

Taco
Model 2009
FI & CI Series
3500 RPM
November 1, 2010
PC-2323
Min. Imp. Dia. 6.0
Size 2.5 x 2 x 9
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
9.0"(229.0mm)
8.25"(210.0mm)
7.50"(191.0mm)
6.75"(171.5mm)
6.0"(152.0mm)
56%
60%
64%
66%
68%
70%
71%
50HP(37.5KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.6KW)
20HP(15.0KW)
15HP(11.2KW)
10HP(7.5KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

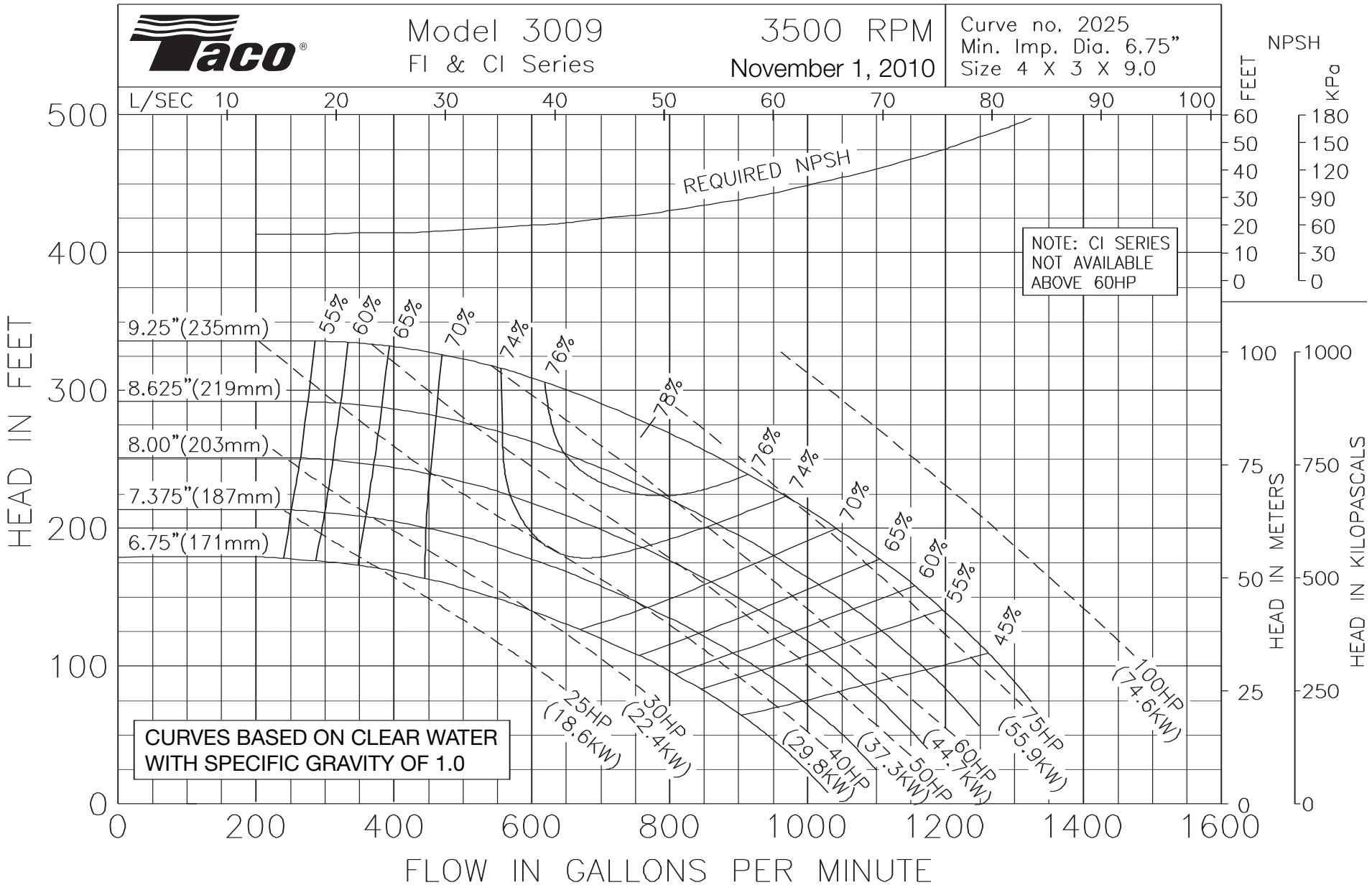

Taco
Model 2506
FI & CI Series
3500 RPM
FEBRUARY 13, 2002
Curve no. 2021
Min. Imp. Dia. 4.25"
Size 3 X 2.5 X 6.0
L/SEC
5
10
15
20
25
30
NPSH
FEET
KPa
REQUIRED NPSH
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
6.25"(159mm)
5.75"(146mm)
5.25"(133mm)
4.75"(121mm)
4.25"(108mm)
50%
55%
60%
65%
67%
70%
72%
73%
3HP(2.2KW)
5HP(3.7KW)
7.5HP(5.6KW)
10HP(7.5KW)
15HP
(11.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
FLOW IN GALLONS PER MINUTE

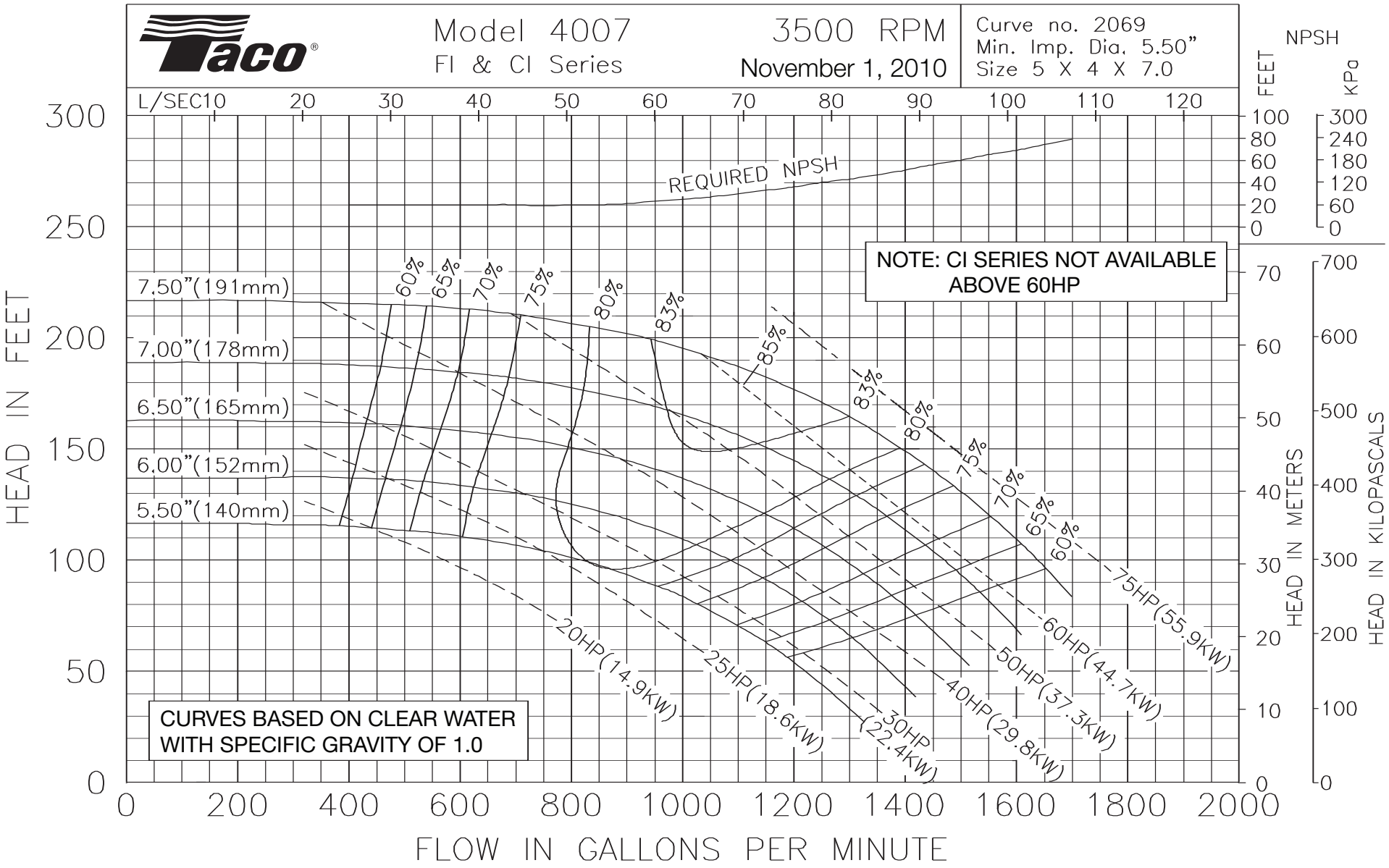

Taco
Model 2507
FI & CI Series
3500 RPM
November 1, 2010
Curve no. 2059
Min. Imp. Dia. 5.50"
Size 3 X 2.5 X 7.0
NPSH
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
300 250 200 150 100 50 0
75 60 45 30 15 0
225 180 135 60 45 0
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
50% 55% 60% 65% 68% 72% 74% 76% 78%
76% 74% 72% 68% 65% 60% 55% 60%
10HP(7.5KW)
15HP (11.2KW)
20HP(14.9KW)
25HP(18.6KW)
30HP(22.4KW)
40HP (29.8KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
60 45 30 15 0
600 450 300 150 0
0 100 200 300 400 500 600 700 800 900 1000
FLOW IN GALLONS PER MINUTE

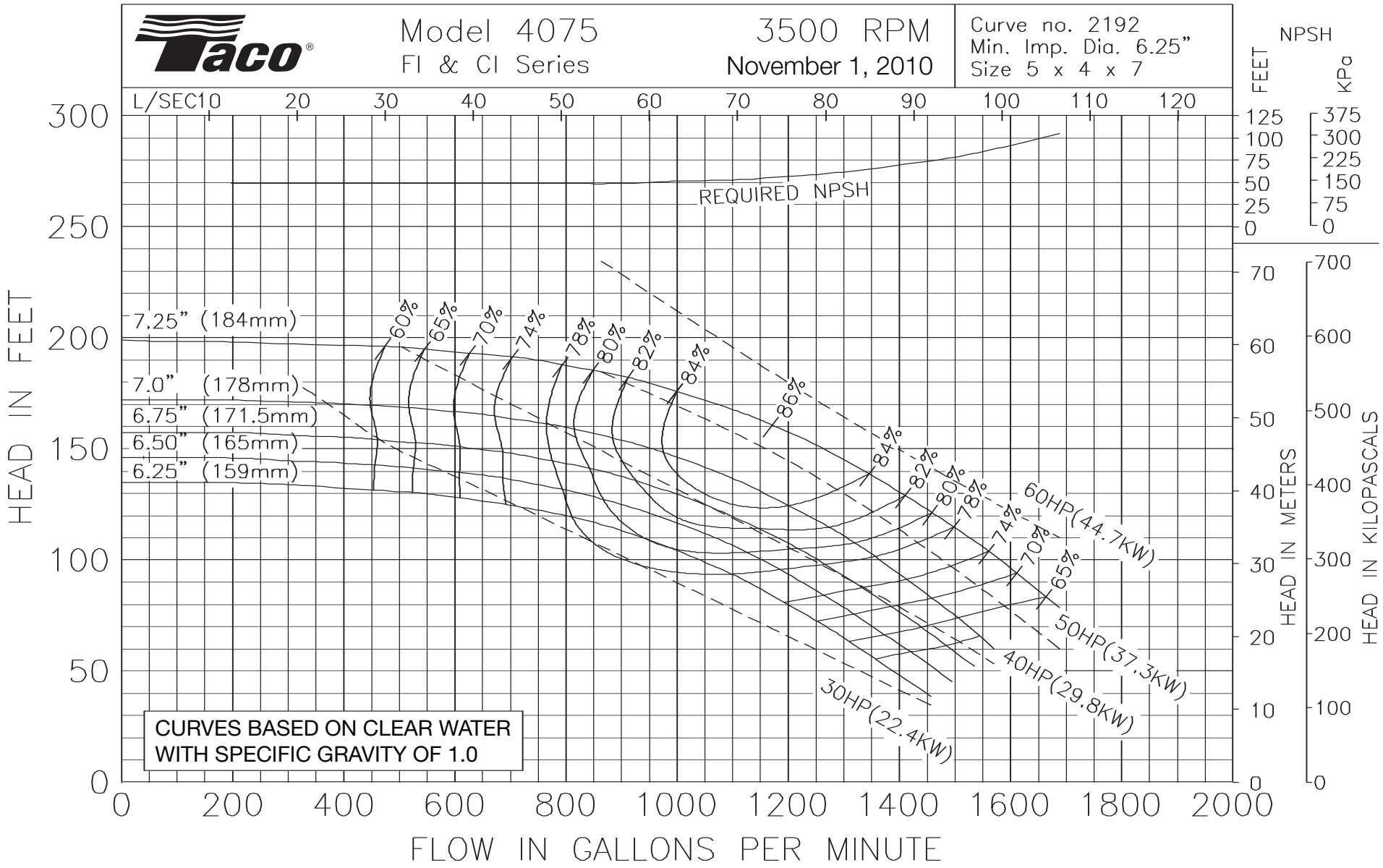

Taco
Model 2508
CI & FI Series
3500 RPM
November 1, 2010
Curve no. 2220
Min. Imp. Dia 6.7"
Size 3 X 2.5 X 8.5
NPSH
FEET
KPa
L/SEC
CI CLOSED COUPLE AVAILABLE TO 60HP ONLY
REQUIRED NPSH
8.7"(221mm)
8.2"(208mm)
7.7"(196mm)
7.2"(183mm)
6.7"(170mm)
64%
68%
72%
74%
76%
77%
77.5%
75HP(55.9KW)
60HP(44.7KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

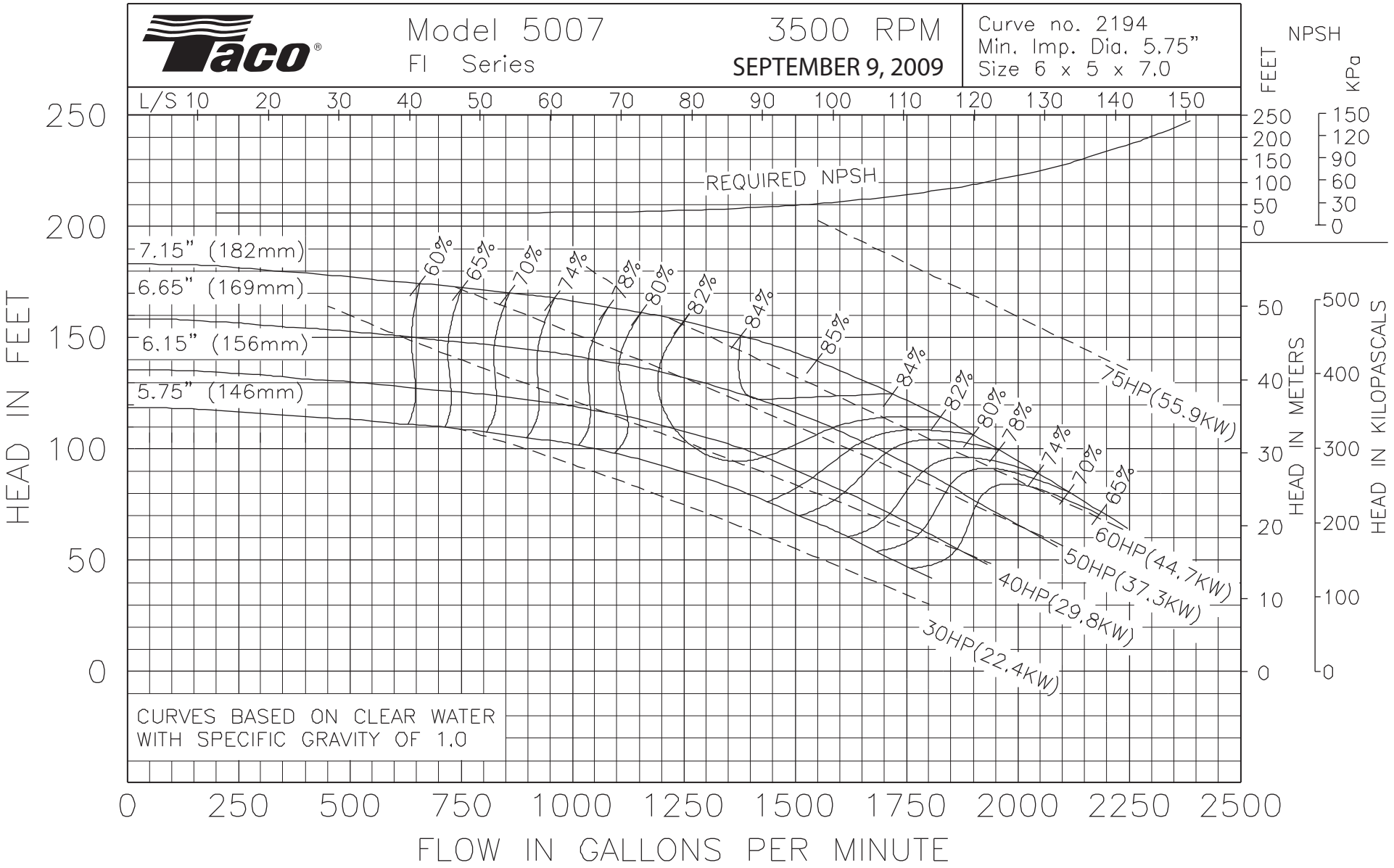

Taco
Model 2509
FI & CI Series
3500 RPM
November 1, 2010
Curve no. 2079
Min. Imp. Dia. 6.75"
Size 3 X 2.5 X 9.0
L/SEC 5 10 15 20 25 30 35 40 45
NPSH
FEET
KPa
REQUIRED NPSH
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
40%
45%
50%
55%
60%
63%
65%
67%
68%
15HP(11.2KW)
20HP(14.9KW)
25HP (18.6KW)
30HP(22.4KW)
40HP(29.8KW)
50HP(37.3KW)
60HP(44.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE


Taco
Model 3007
FI & CI Series
3500 RPM
FEBRUARY 18, 2002
Curve no. 2064
Min. Imp. Dia. 5.50"
Size 4 X 3 X 7.0
L/SEC
10
20
30
40
50
60
70
FEET
NPSH
KPa
35
28
21
14
7
0
105
84
63
42
21
0
REQUIRED NPSH
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
50%
55%
60%
65%
70%
73%
77%
79%
81%
15HP(11.2KW)
20HP (14.9KW)
25HP(18.6KW)
30HP(22.4KW)
40HP(29.8KW)
50HP(37.3KW)
60HP (44.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
300
250
200
150
100
50
0
HEAD IN METERS
60
45
30
15
0
HEAD IN KILOPASCALS
600
450
300
150
0
0
125
250
375
500
625
750
875
1000
1125
1250
FLOW IN GALLONS PER MINUTE


Taco
Model 3009
FI & CI Series
3500 RPM
November 1, 2010
Curve no. 2025
Min. Imp. Dia. 6.75"
Size 4 X 3 X 9.0
L/SEC 10 20 30 40 50 60 70 80 90 100
NPSH
FEET
KPa
REQUIRED NPSH
NOTE: CI SERIES NOT AVAILABLE ABOVE 60HP
9.25"(235mm)
8.625"(219mm)
8.00"(203mm)
7.375"(187mm)
6.75"(171mm)
55%
60%
65%
70%
74%
76%
78%
45%
25HP (18.6KW)
30HP (22.4KW)
40HP (29.8KW)
50HP (37.3KW)
60HP (44.7KW)
75HP (55.9KW)
100HP (74.6KW)
CURVES BASED ON CLEAR WATER WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE


Taco
Model 4007
FI & CI Series
3500 RPM
November 1, 2010
Curve no. 2069
Min. Imp. Dia. 5.50"
Size 5 X 4 X 7.0
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
NOTE: CI SERIES NOT AVAILABLE ABOVE 60HP
7.50"(191mm)
7.00"(178mm)
6.50"(165mm)
6.00"(152mm)
5.50"(140mm)
60%
65%
70%
75%
80%
83%
85%
20HP(14.9KW)
25HP(18.6KW)
30HP (22.4KW)
40HP(29.8KW)
50HP(37.3KW)
60HP(44.7KW)
75HP(55.9KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE


Taco
Model 4075
FI & CI Series
3500 RPM
November 1, 2010
Curve no. 2192
Min. Imp. Dia. 6.25"
Size 5 x 4 x 7
NPSH
FEET
KPa
L/SEC
REQUIRED NPSH
7.25" (184mm)
7.0" (178mm)
6.75" (171.5mm)
6.50" (165mm)
6.25" (159mm)
60%
65%
70%
74%
78%
80%
82%
84%
86%
60HP(44.7KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE


Taco
Model 5007
FI Series
3500 RPM
SEPTEMBER 9, 2009
Curve no. 2194
Min. Imp. Dia. 5.75"
Size 6 x 5 x 7.0
NPSH
FEET
KPa
L/S 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
250 200 150 100 50 0
150 120 90 60 30 0
REQUIRED NPSH
7.15" (182mm)
6.65" (169mm)
6.15" (156mm)
5.75" (146mm)
60%
65%
70%
74%
78%
80%
82%
84%
85%
84%
82%
80%
78%
74%
70%
65%
75HP(55.9KW)
60HP(44.7KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
50 40 30 20 10 0
500 400 300 200 100 0
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
0 250 500 750 1000 1250 1500 1750 2000 2250 2500
FLOW IN GALLONS PER MINUTE