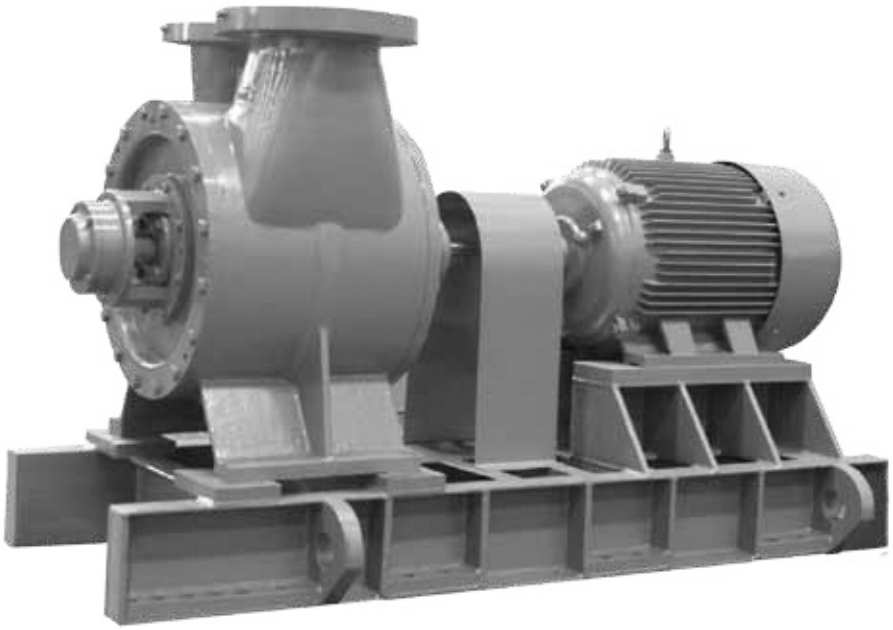
Water Circulation
Pumps & Circulators

PERFORMANCE CURVES



TC Series Vertical Split Case Pumps

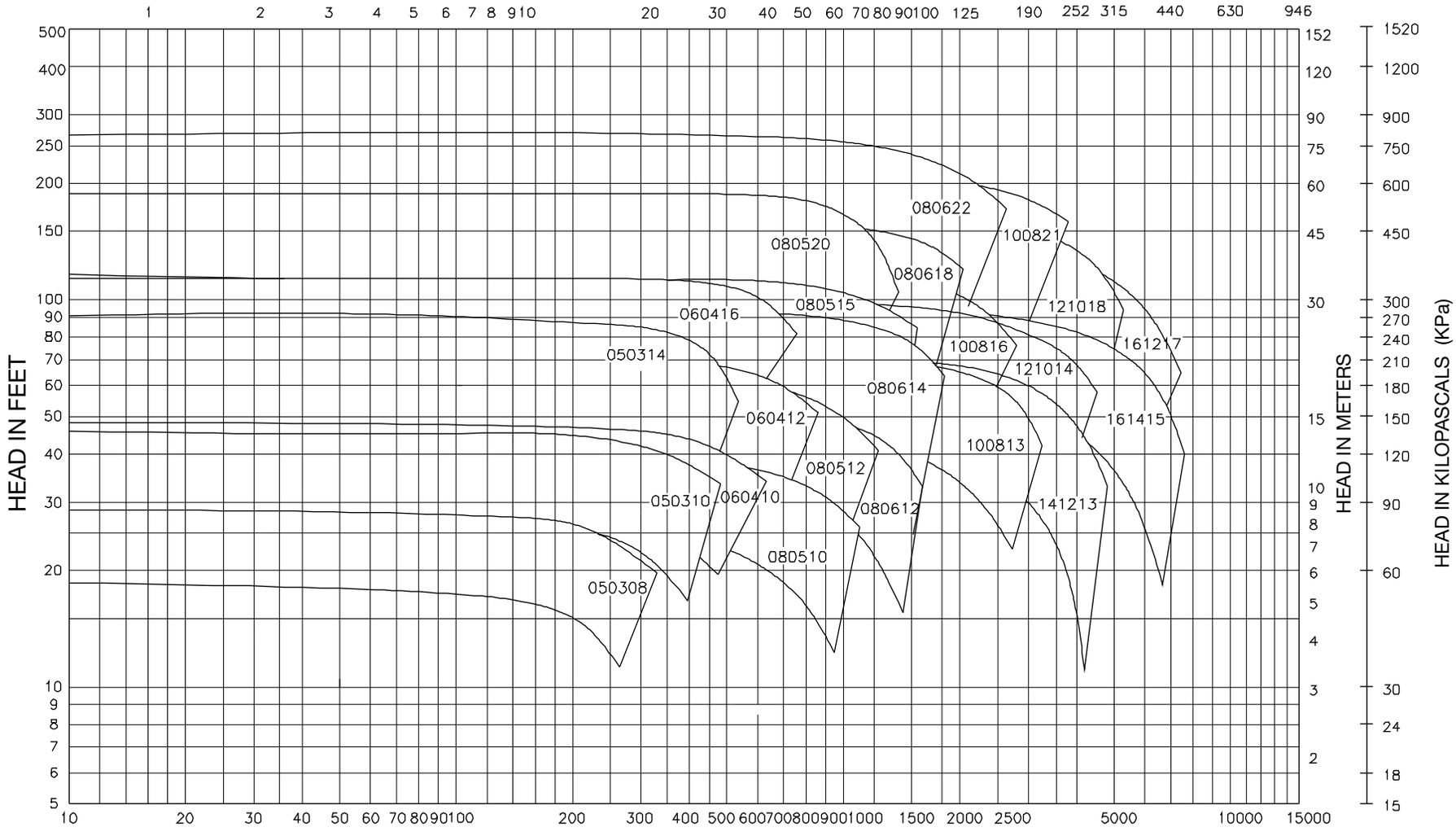
HYDRONIC COMPONENTS & SYSTEMS

Do it once.
Do it right.

Taco®

Effective date: August 24, 2012

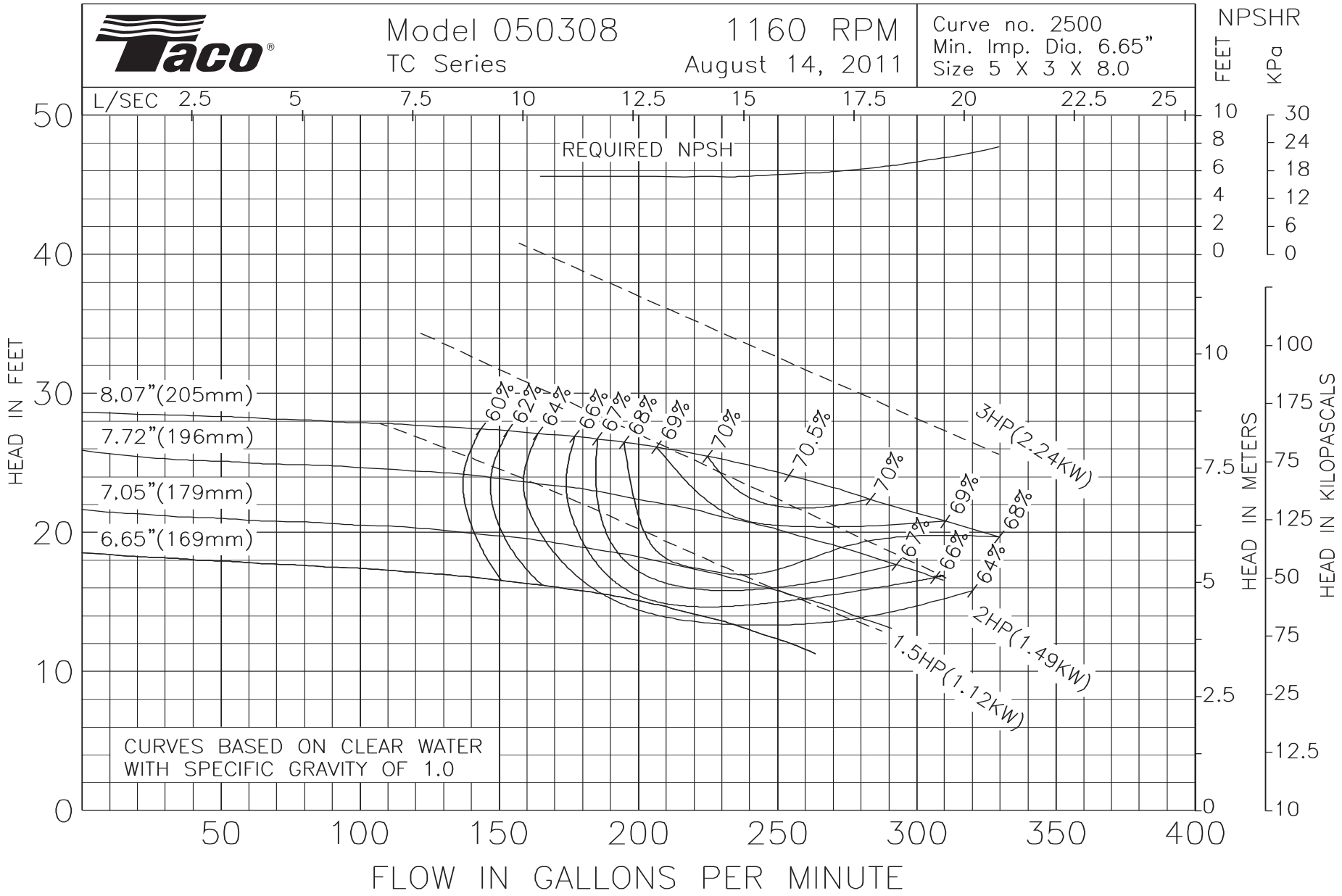
CAPACITY IN LITERS/SEC

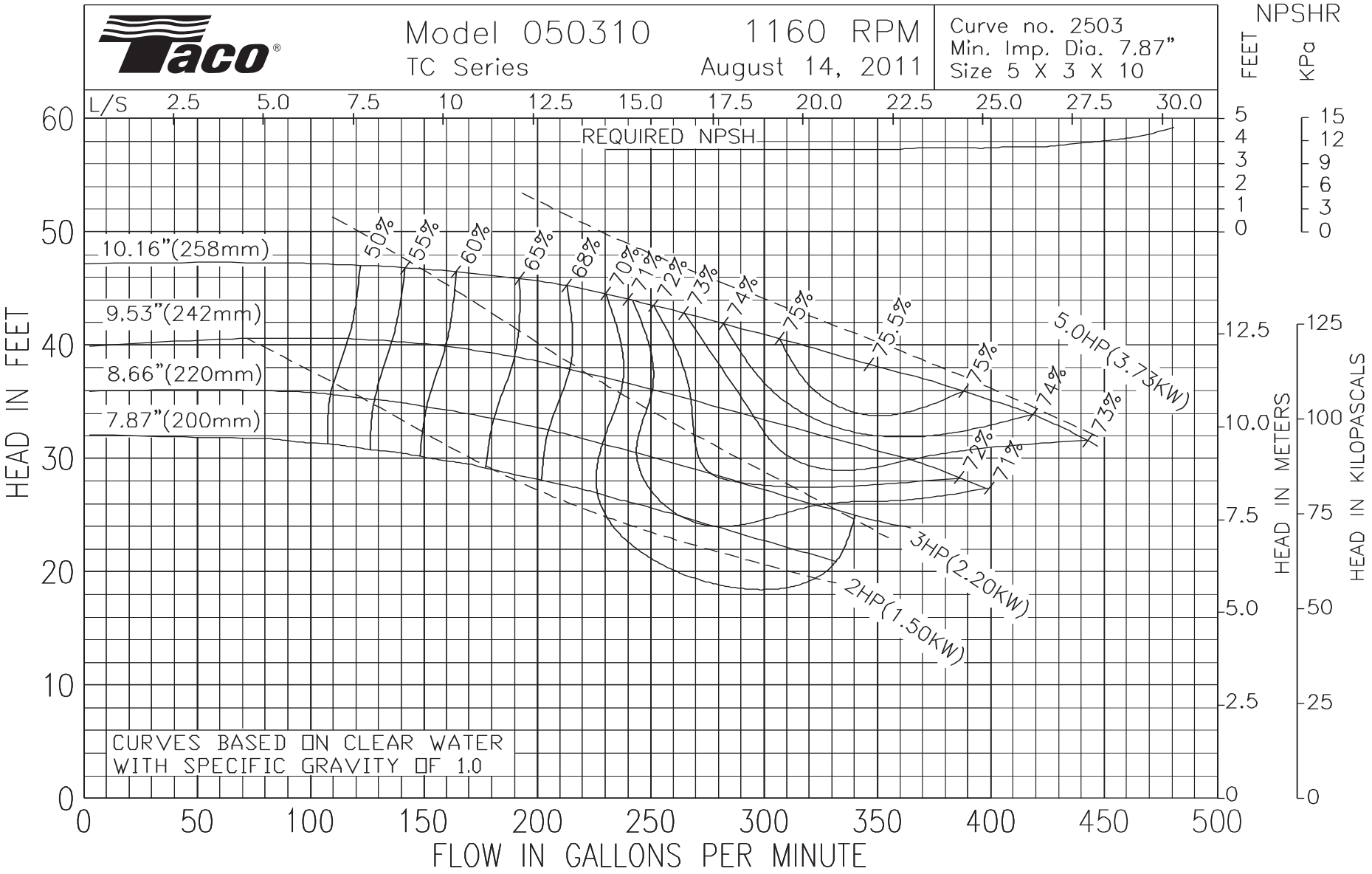


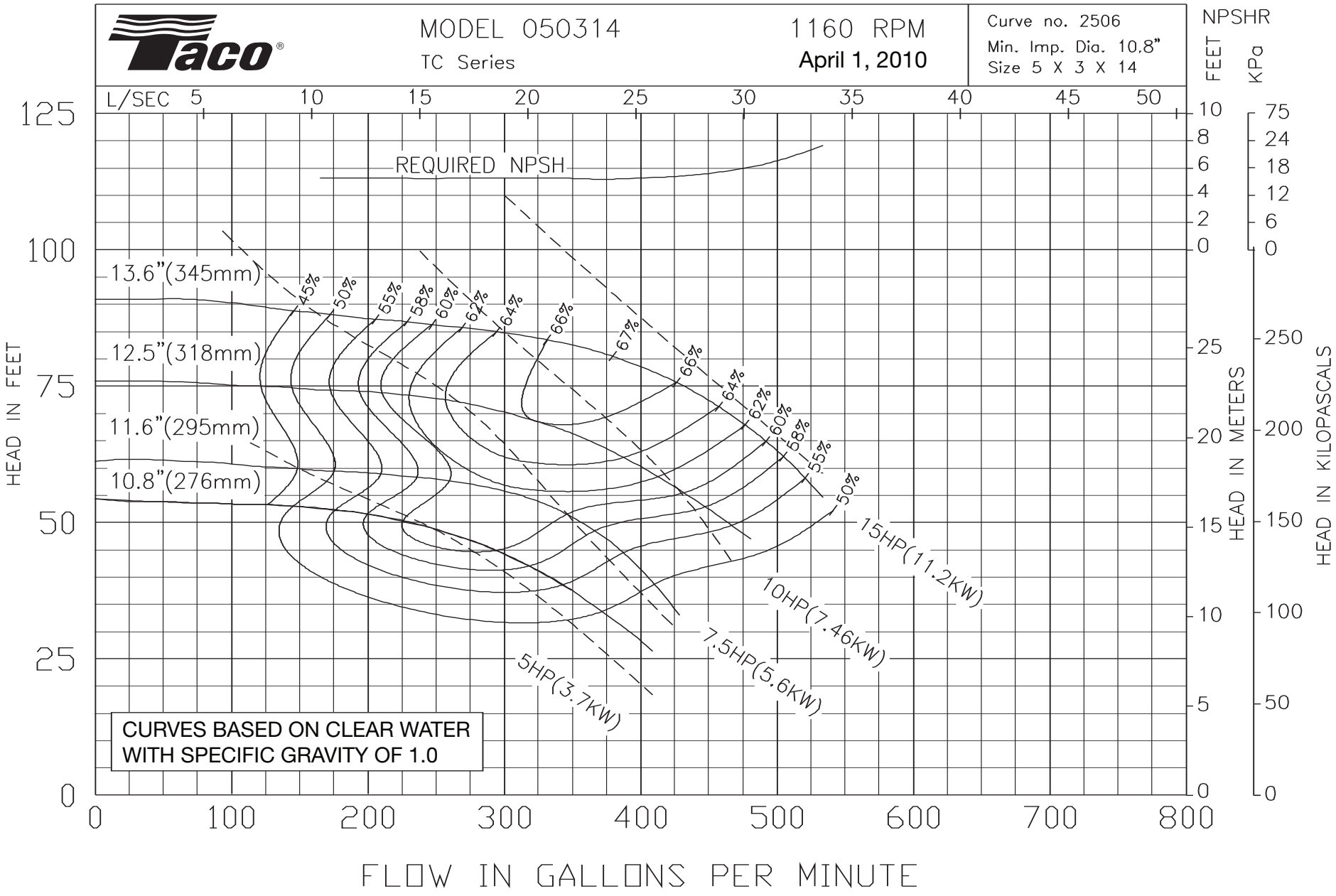
FLOW IN GALLONS PER MINUTE

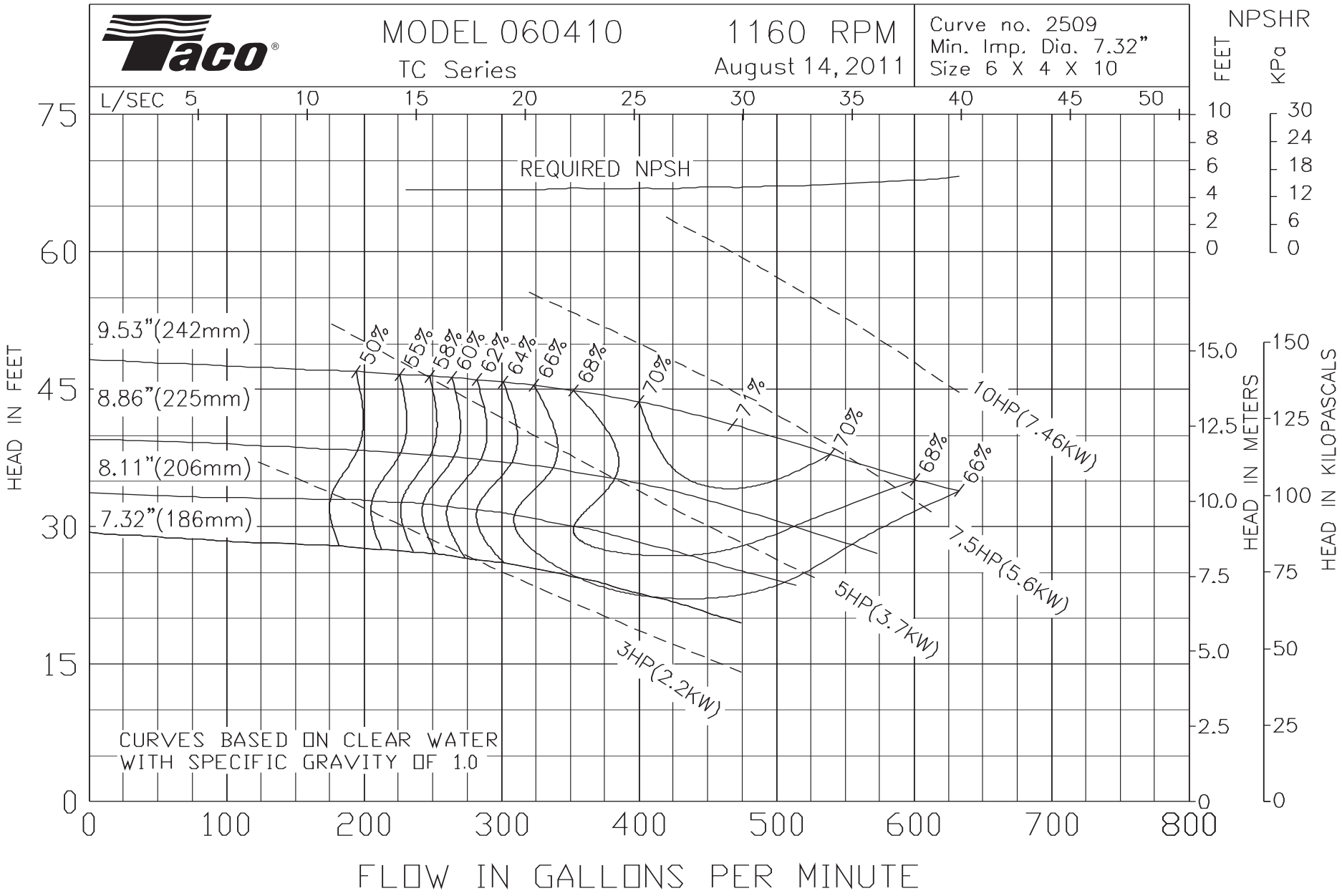
PC-2566

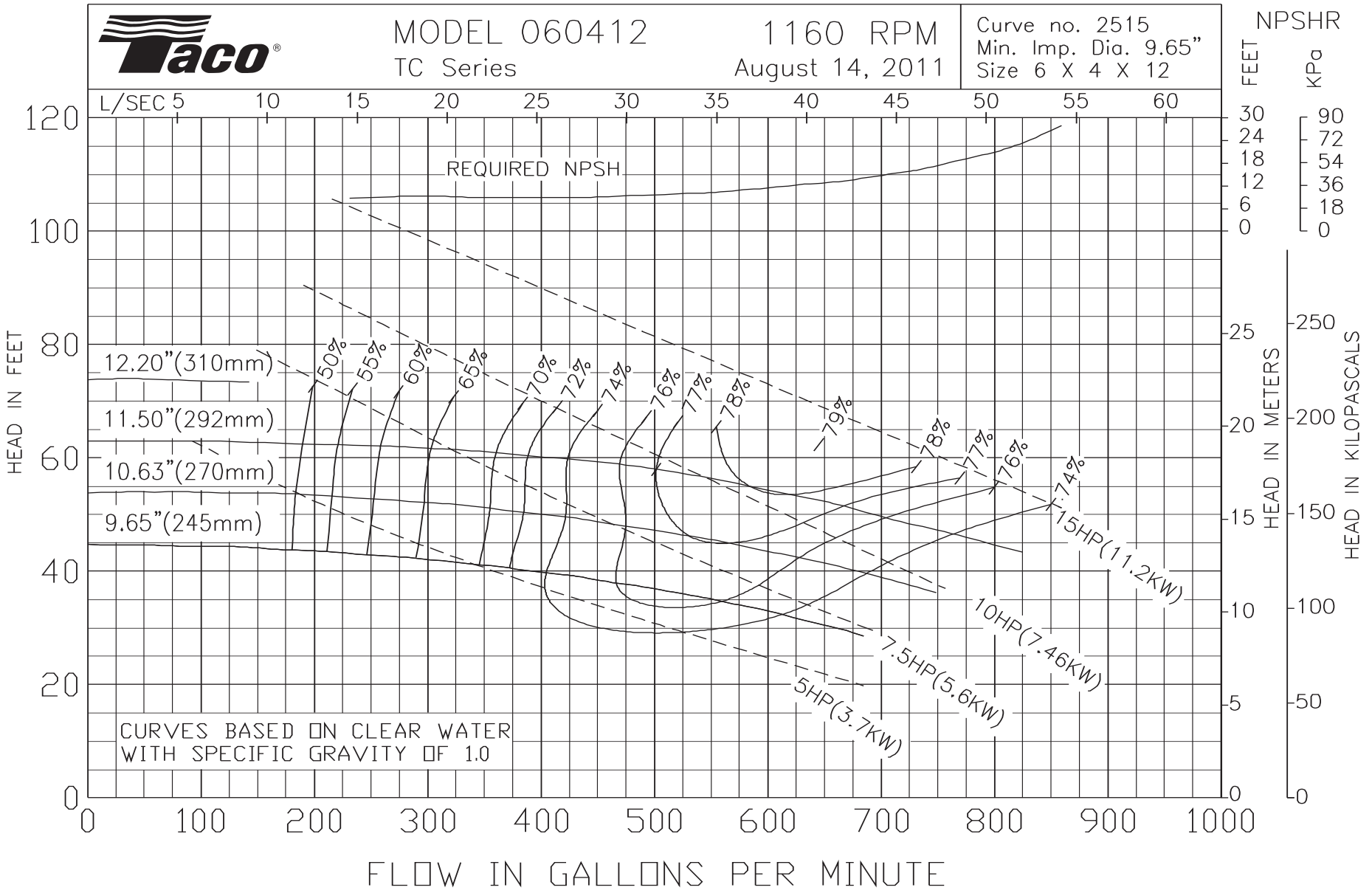
TC QUICK SELECTION CURVE – 1160 RPM

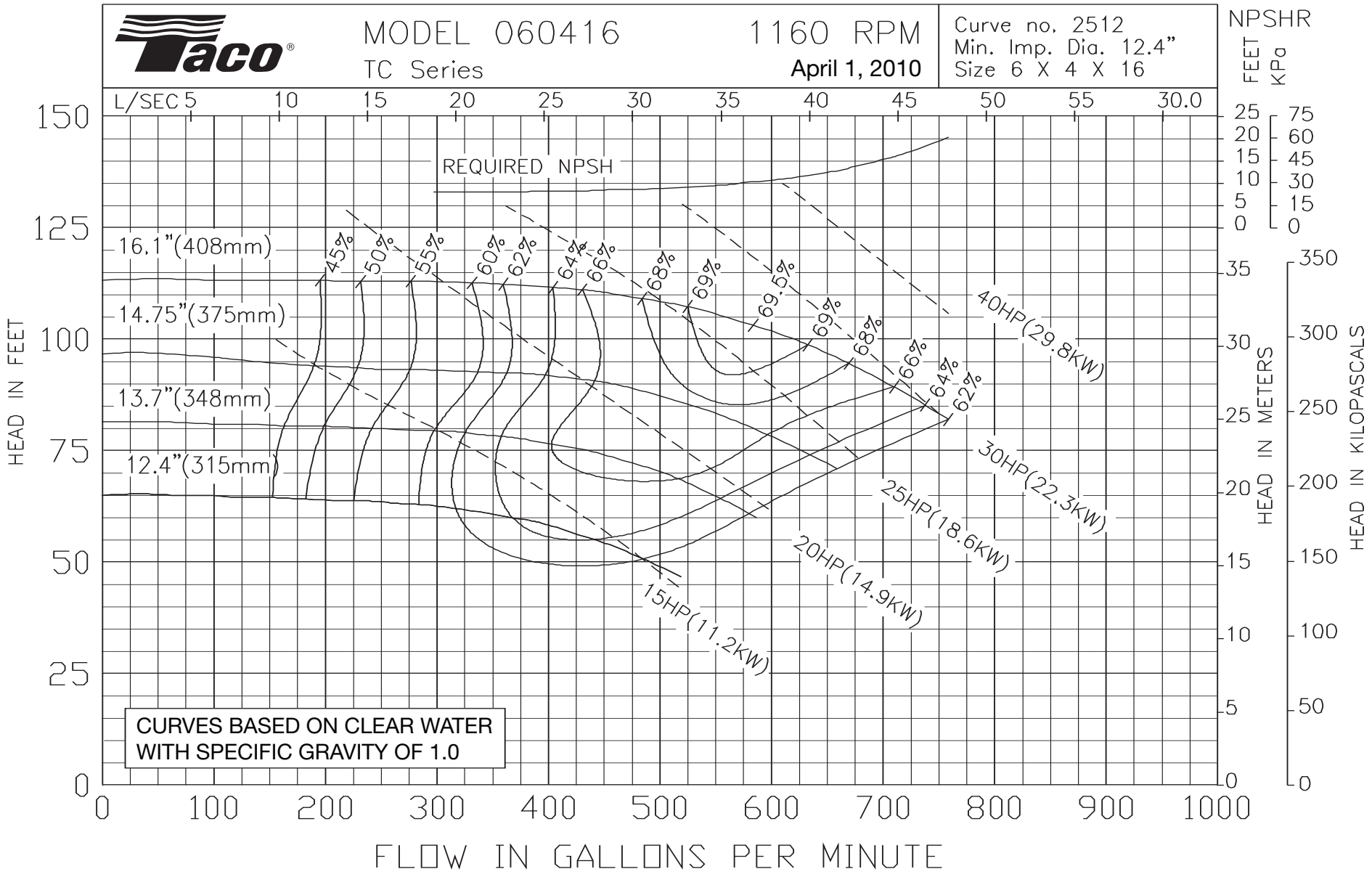

Taco
Model 050308
TC Series
1160 RPM
August 14, 2011
Curve no. 2500
Min. Imp. Dia. 6.65"
Size 5 X 3 X 8.0
NPSHR
FEET
KPa
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25
REQUIRED NPSH
8.07"(205mm)
7.72"(196mm)
7.05"(179mm)
6.65"(169mm)
60%
62%
64%
66%
67%
68%
69%
70%
70.5%
3HP(2.24KW)
2HP(1.49KW)
1.5HP(1.12KW)
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

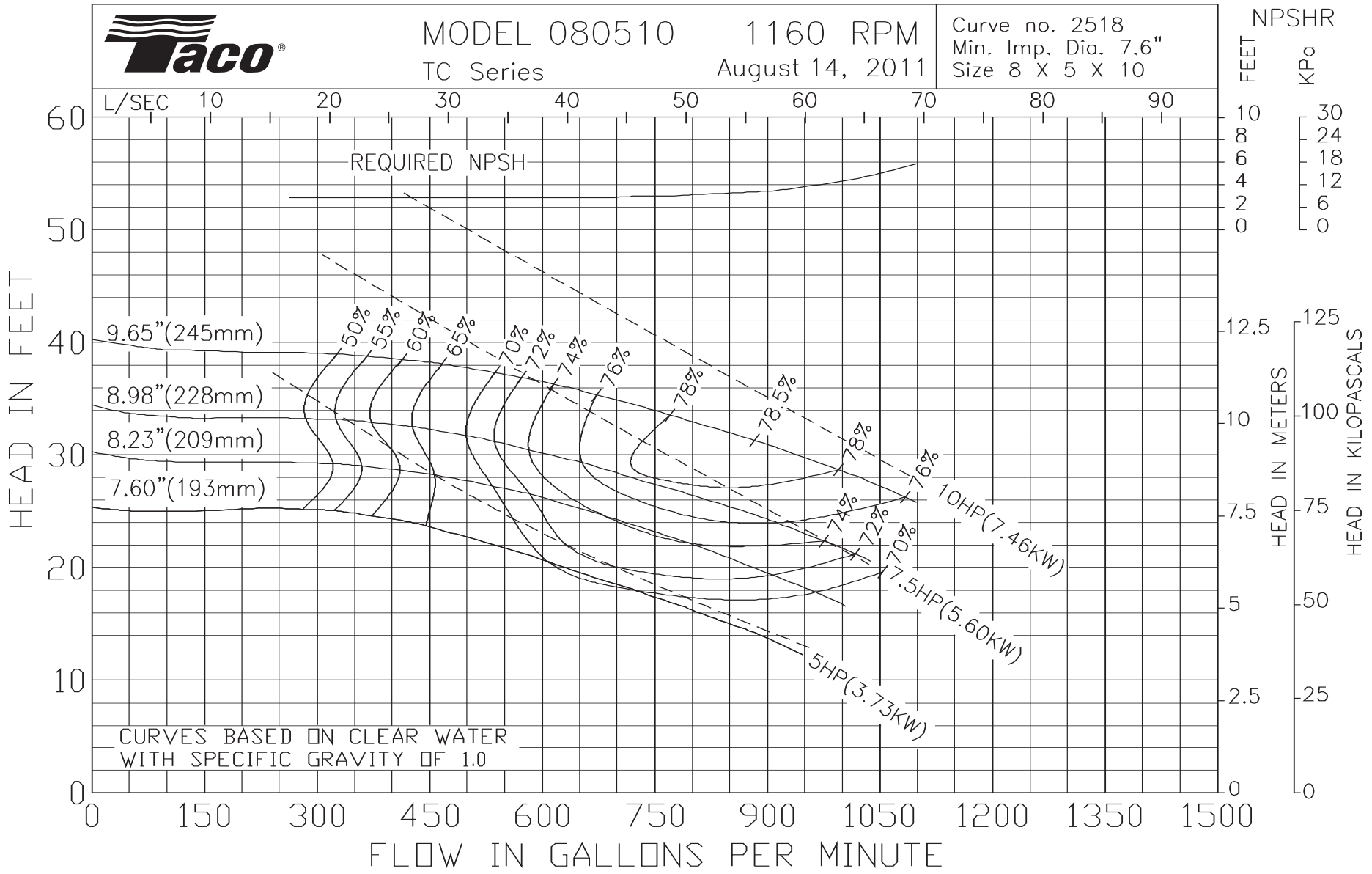

Taco
Model 050310
TC Series
1160 RPM
August 14, 2011
Curve no. 2503
Min. Imp. Dia. 7.87"
Size 5 X 3 X 10
NPSHR
FEET
KPa
L/S
2.5
5.0
7.5
10
12.5
15.0
17.5
20.0
22.5
25.0
27.5
30.0
REQUIRED NPSH
10.16"(258mm)
9.53"(242mm)
8.66"(220mm)
7.87"(200mm)
50%
55%
60%
65%
68%
70%
71%
72%
73%
74%
75%
75.5%
5.0HP(3.73KW)
3HP(2.20KW)
2HP(1.50KW)
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

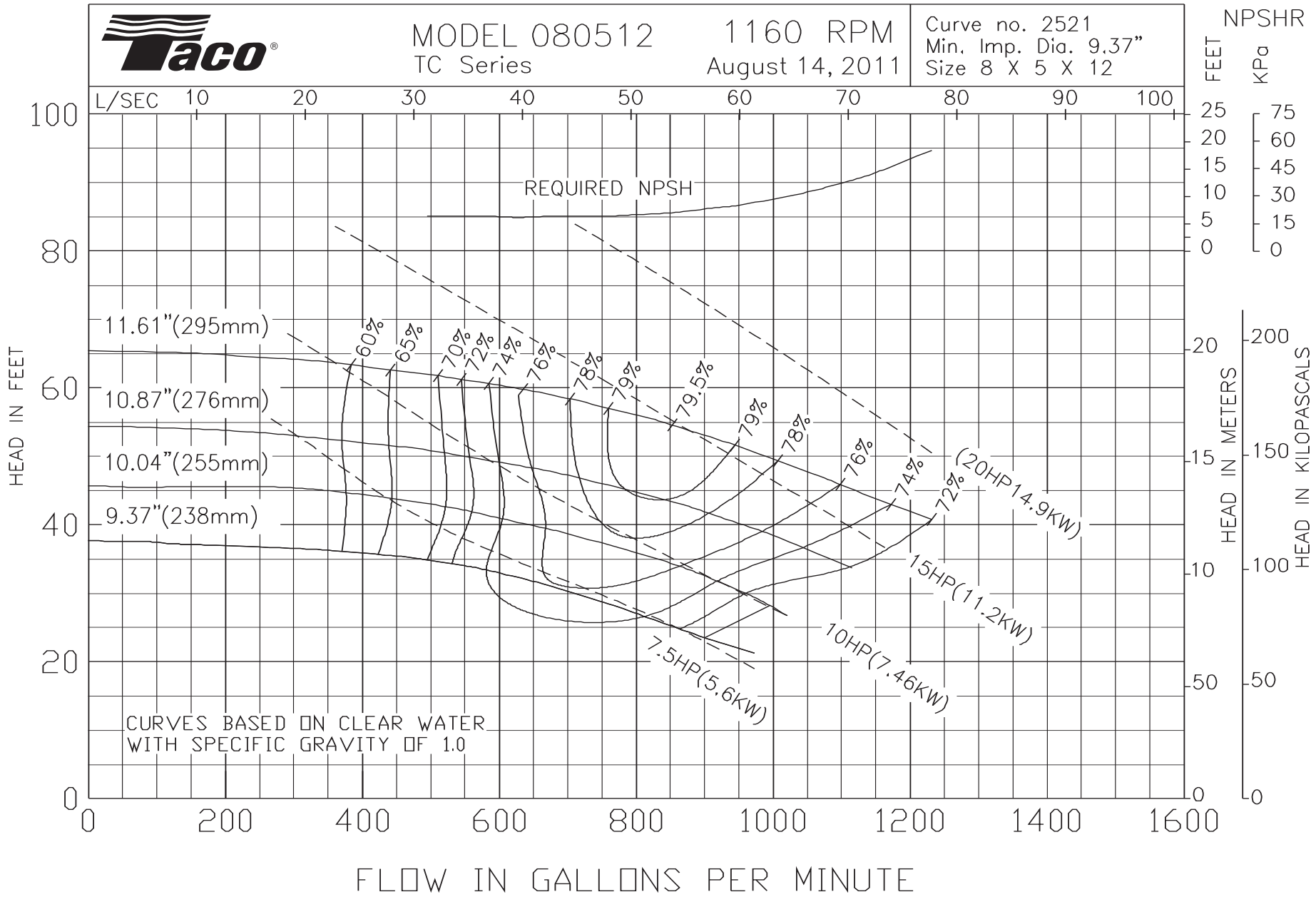

MODEL 050314
TC Series
1160 RPM
April 1, 2010
Curve no. 2506
Min. Imp. Dia. 10.8"
Size 5 X 3 X 14
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50
REQUIRED NPSH
13.6"(345mm)
12.5"(318mm)
11.6"(295mm)
10.8"(276mm)
45%
50%
55%
58%
60%
62%
64%
66%
67%
15HP(11.2KW)
10HP(7.46KW)
7.5HP(5.6KW)
5HP(3.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 100 200 300 400 500 600 700 800
FLOW IN GALLONS PER MINUTE

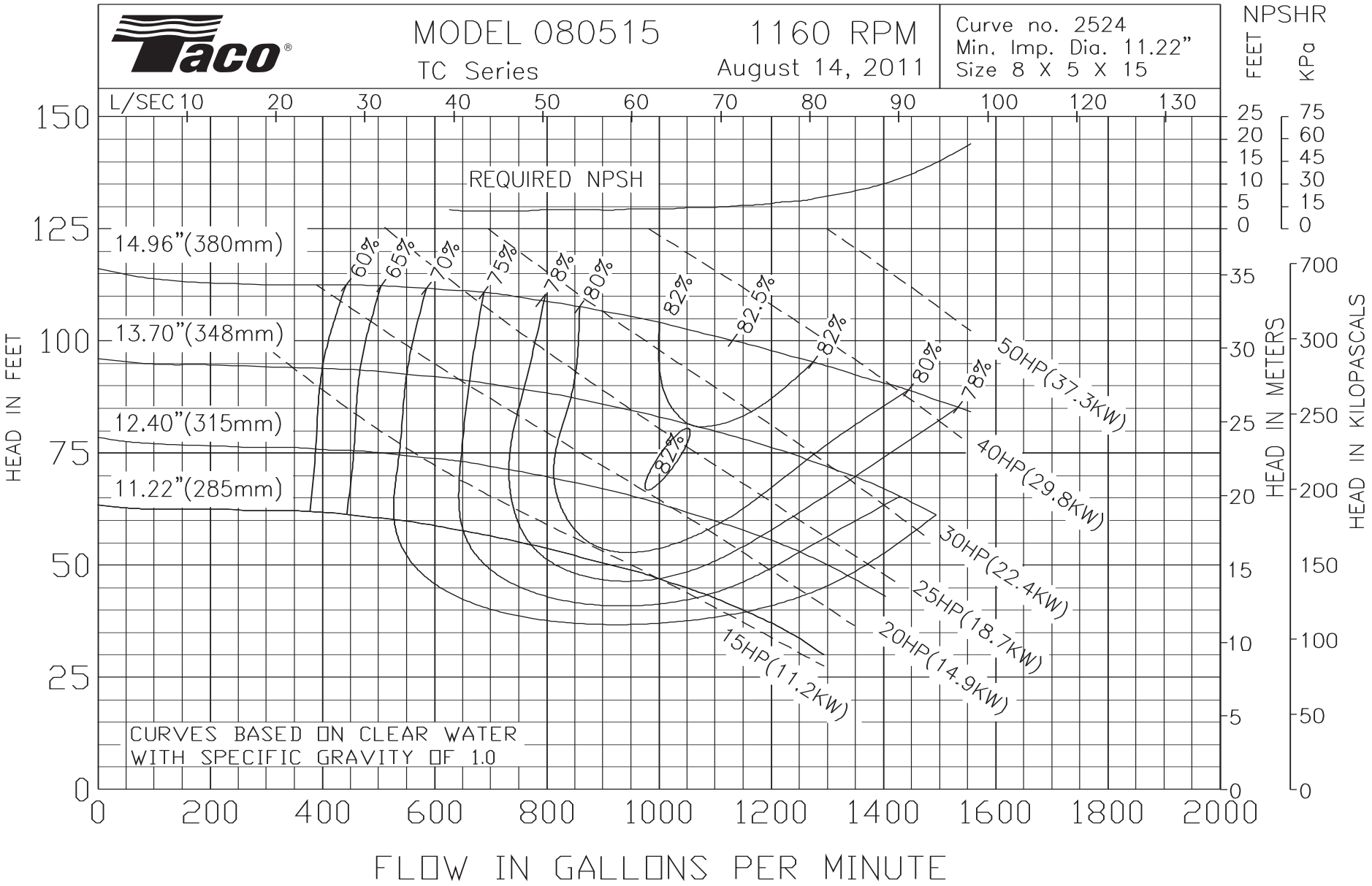

MODEL 060410
TC Series
1160 RPM
August 14, 2011
Curve no. 2509
Min. Imp. Dia. 7.32"
Size 6 X 4 X 10
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50
REQUIRED NPSH
9.53"(242mm)
8.86"(225mm)
8.11"(206mm)
7.32"(186mm)
50%
55%
58%
60%
62%
64%
66%
68%
70%
71%
70%
68%
66%
10HP(7.46KW)
7.5HP(5.6KW)
5HP(3.7KW)
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

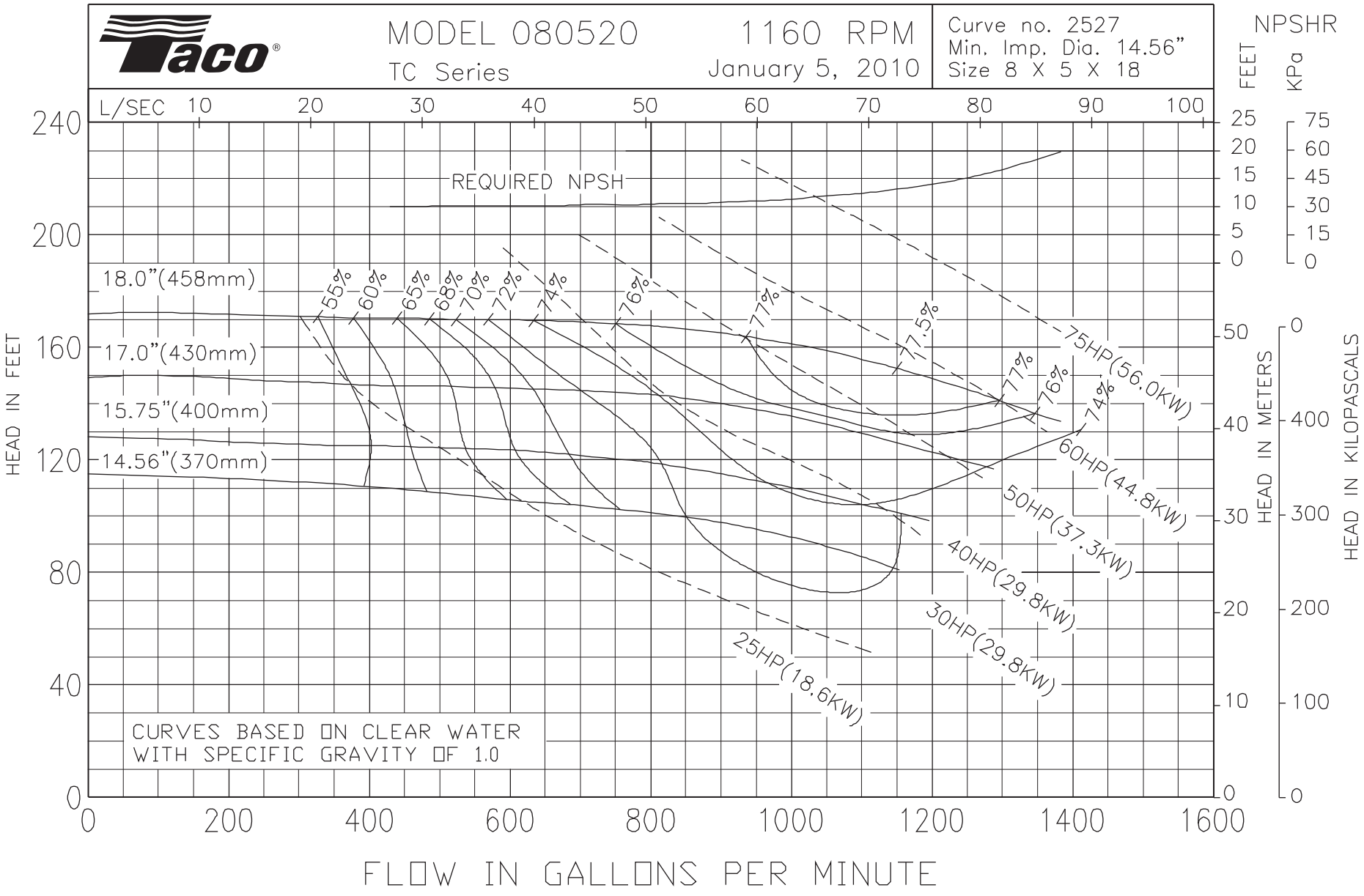

MODEL 060412
TC Series
1160 RPM
August 14, 2011
Curve no. 2515
Min. Imp. Dia. 9.65"
Size 6 X 4 X 12
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
REQUIRED NPSH
12.20"(310mm)
11.50"(292mm)
10.63"(270mm)
9.65"(245mm)
50% 55% 60% 65% 70% 72% 74% 76% 77% 78%
79% 78% 77% 76% 74%
15HP(11.2KW)
10HP(7.46KW)
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

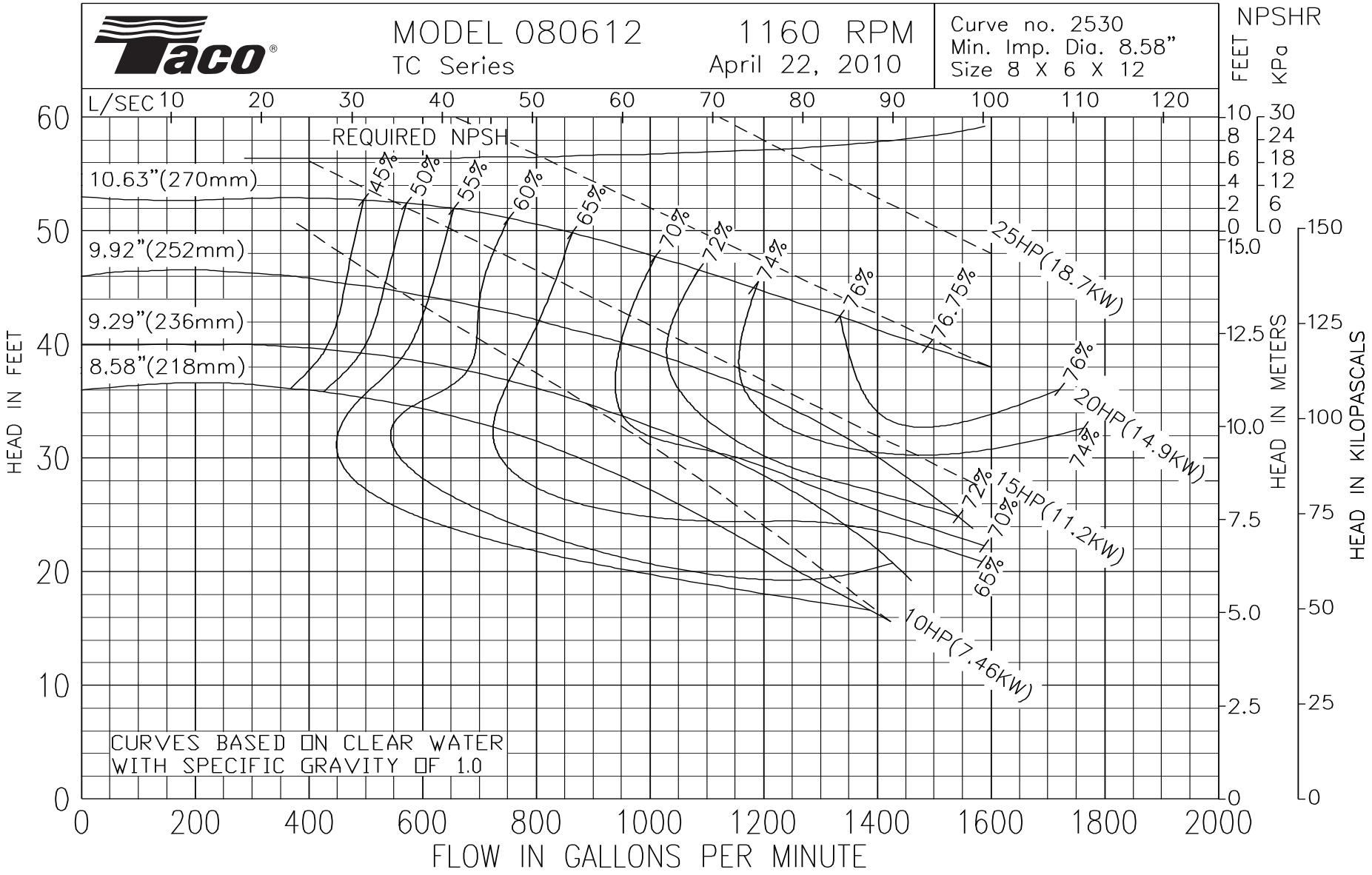

MODEL 060416
TC Series
1160 RPM
April 1, 2010
Curve no. 2512
Min. Imp. Dia. 12.4"
Size 6 X 4 X 16
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 30.0
REQUIRED NPSH
16.1"(408mm)
14.75"(375mm)
13.7"(348mm)
12.4"(315mm)
45%
50%
55%
60%
62%
64%
66%
68%
69%
69.5%
40HP(29.8KW)
30HP(22.3KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
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

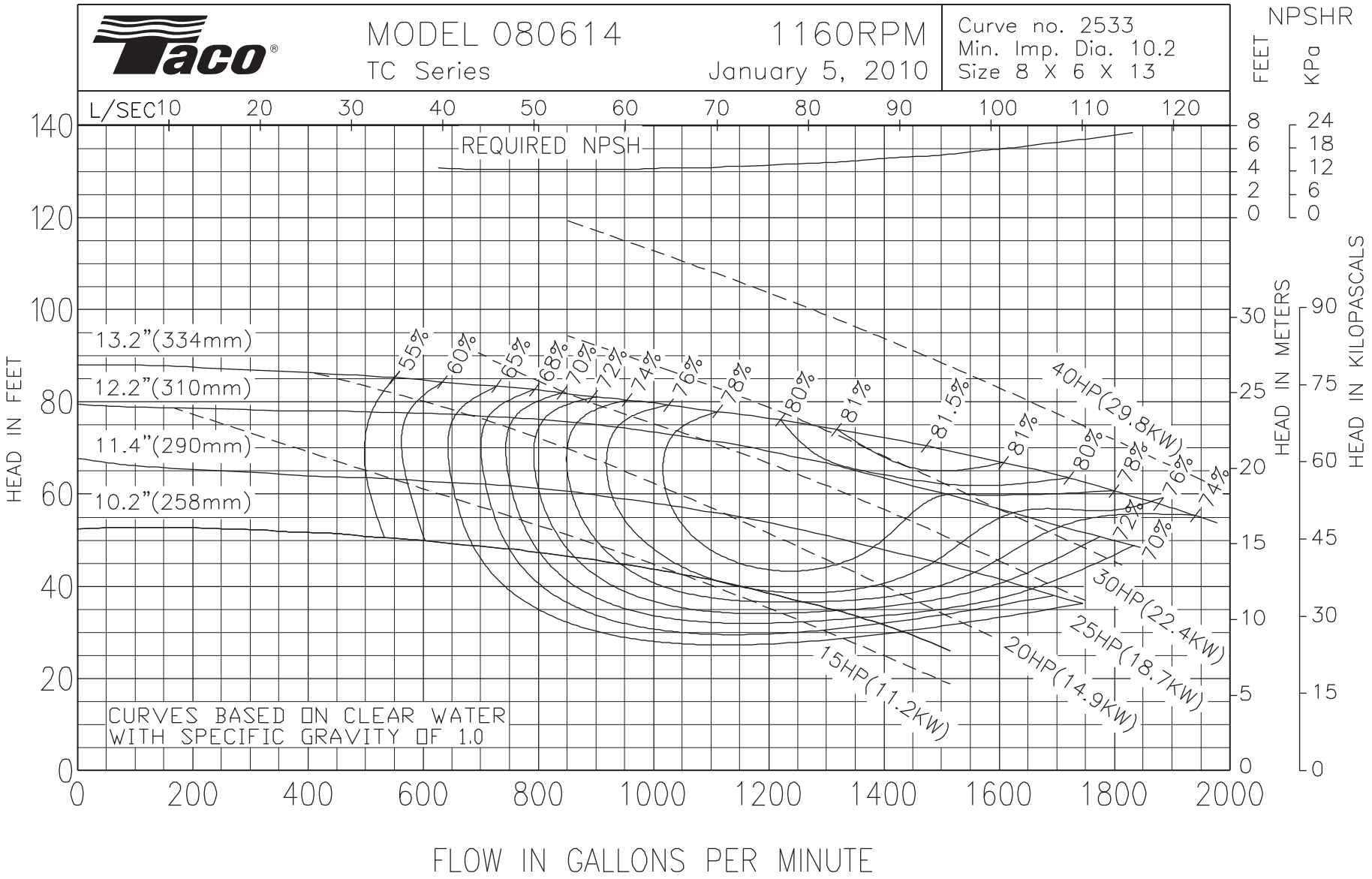

MODEL 080510 1160 RPM
TC Series
August 14, 2011
Curve no. 2518
Min. Imp. Dia. 7.6"
Size 8 X 5 X 10
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
9.65"(245mm)
8.98"(228mm)
8.23"(209mm)
7.60"(193mm)
50%
55%
60%
65%
70%
72%
74%
76%
78%
78.5%
10HP(7.46KW)
7.5HP(5.60KW)
5HP(3.73KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

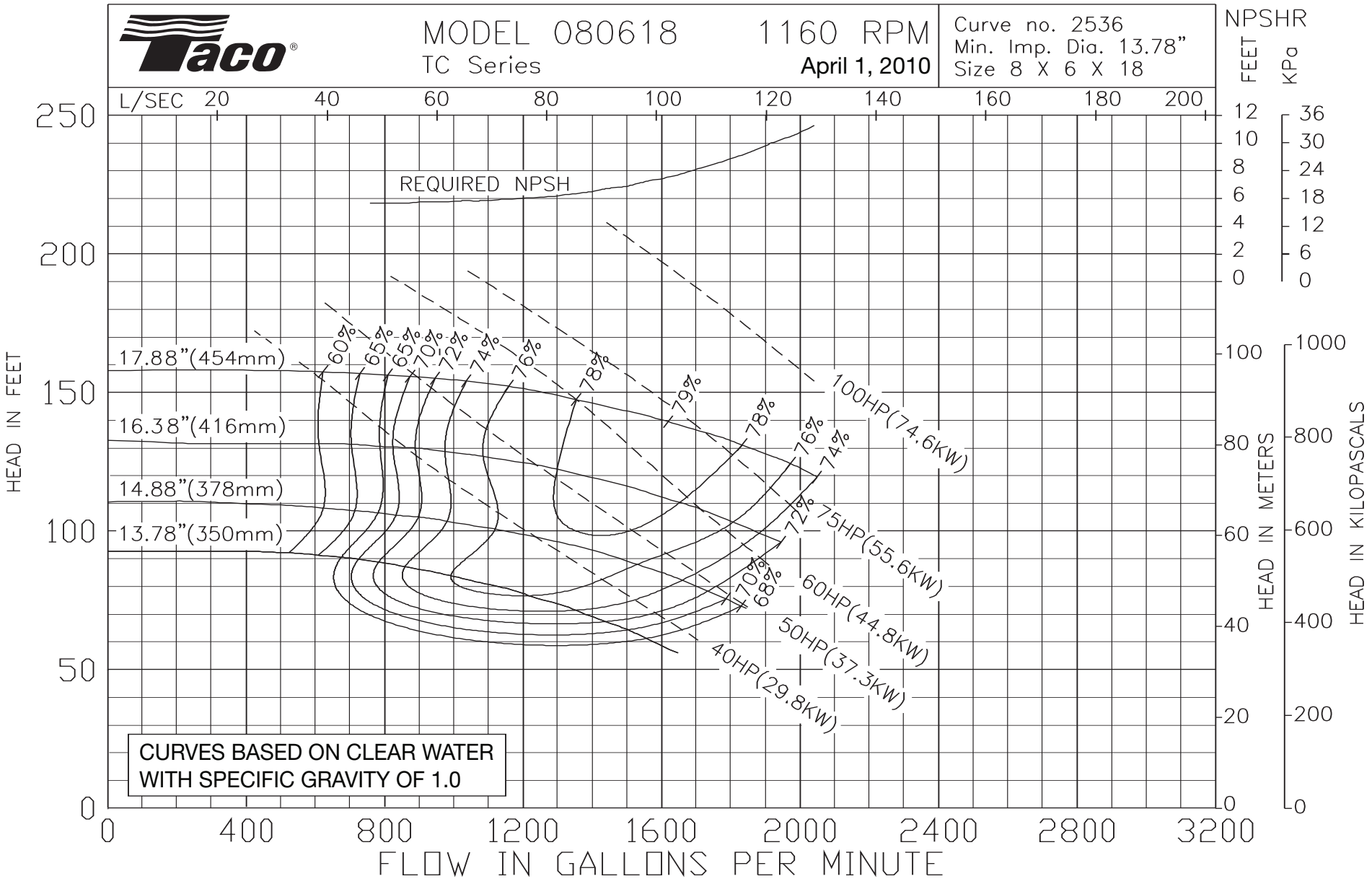

Taco
MODEL 080512
TC Series
1160 RPM
August 14, 2011
Curve no. 2521
Min. Imp. Dia. 9.37"
Size 8 X 5 X 12
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
11.61"(295mm)
10.87"(276mm)
10.04"(255mm)
9.37"(238mm)
60%
65%
70%
72%
74%
76%
78%
79%
79.5%
(20HP14.9KW)
15HP(11.2KW)
10HP(7.46KW)
7.5HP(5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

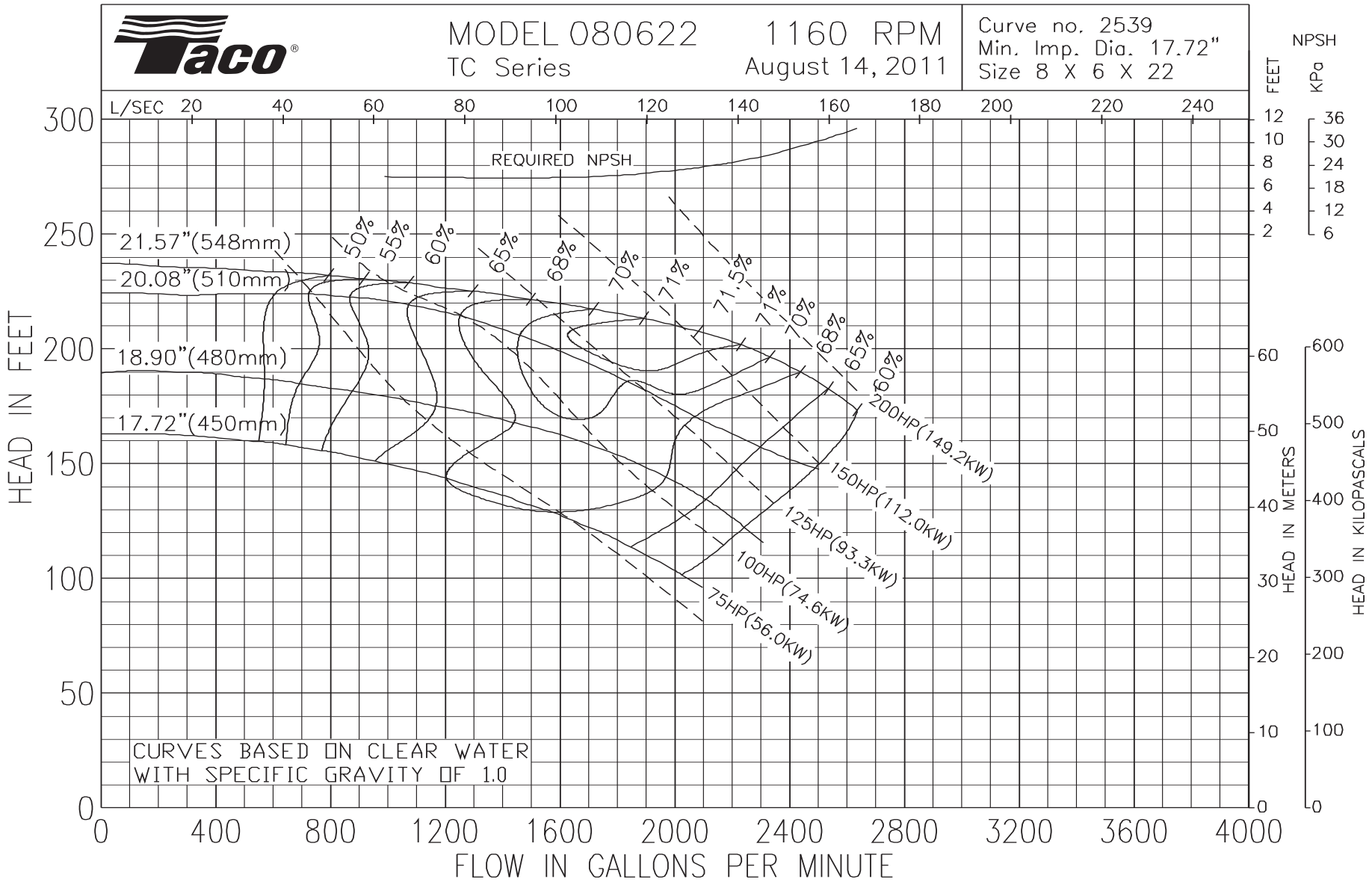

MODEL 080515
TC Series
1160 RPM
August 14, 2011
Curve no. 2524
Min. Imp. Dia. 11.22"
Size 8 X 5 X 15
NPSHR
FEET
KPa
L/SEC 10 20 30 40 50 60 70 80 90 100 120 130
REQUIRED NPSH
14.96"(380mm)
13.70"(348mm)
12.40"(315mm)
11.22"(285mm)
60%
65%
70%
75%
78%
80%
82%
82.5%
82%
80%
78%
82%
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.7KW)
20HP(14.9KW)
15HP(11.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 200 400 600 800 1000 1200 1400 1600 1800 2000
FLOW IN GALLONS PER MINUTE

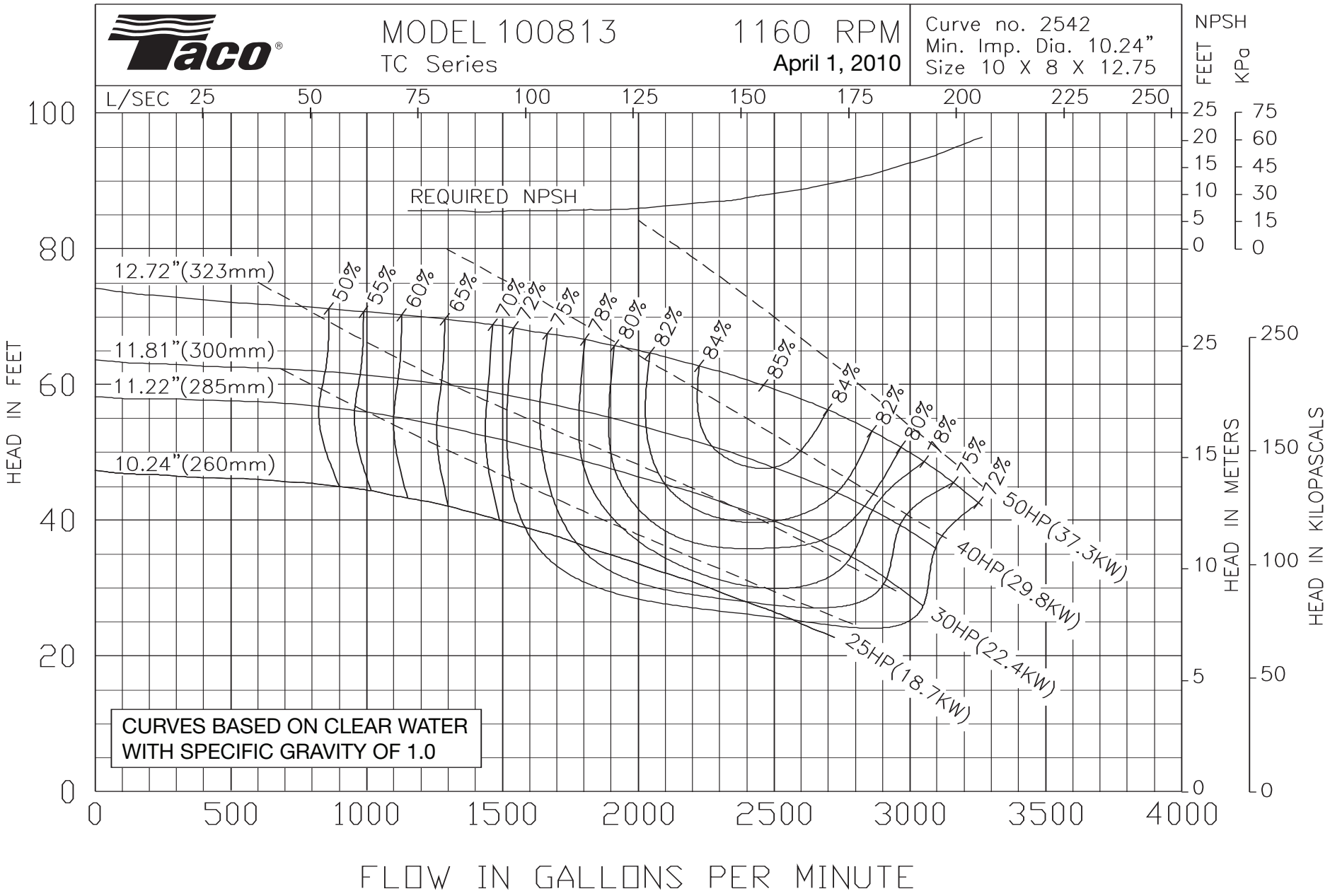

MODEL 080520
TC Series
1160 RPM
January 5, 2010
Curve no. 2527
Min. Imp. Dia. 14.56"
Size 8 X 5 X 18
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
18.0"(458mm)
17.0"(430mm)
15.75"(400mm)
14.56"(370mm)
55%
60%
65%
68%
70%
72%
74%
76%
77%
77.5%
75HP(56.0KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(29.8KW)
25HP(18.6KW)
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

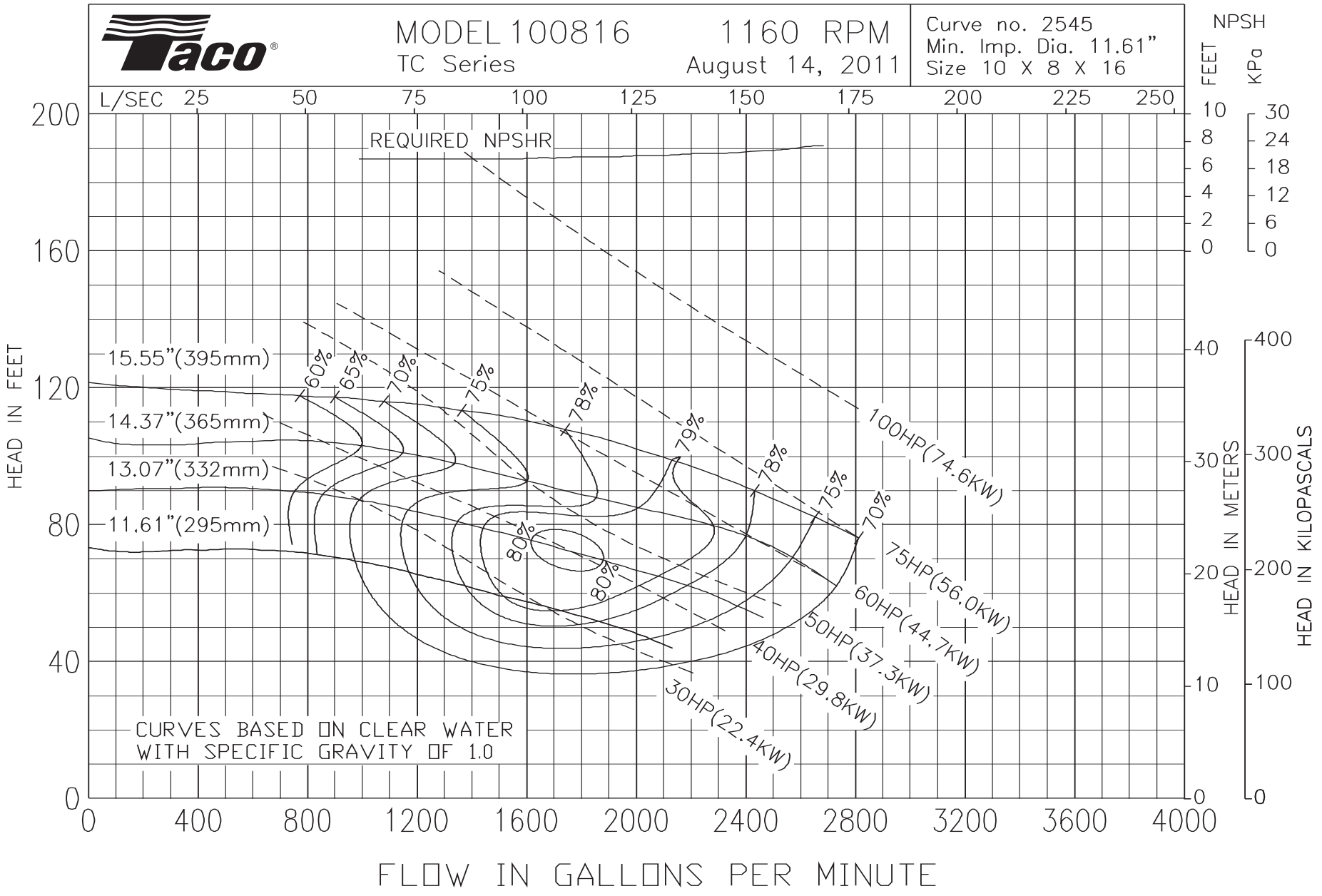

MODEL 080612
TC Series
1160 RPM
April 22, 2010
Curve no. 2530
Min. Imp. Dia. 8.58"
Size 8 X 6 X 12
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
10.63"(270mm)
9.92"(252mm)
9.29"(236mm)
8.58"(218mm)
45%
50%
55%
60%
65%
70%
72%
74%
76%
76.75%
25HP(18.7KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.46KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

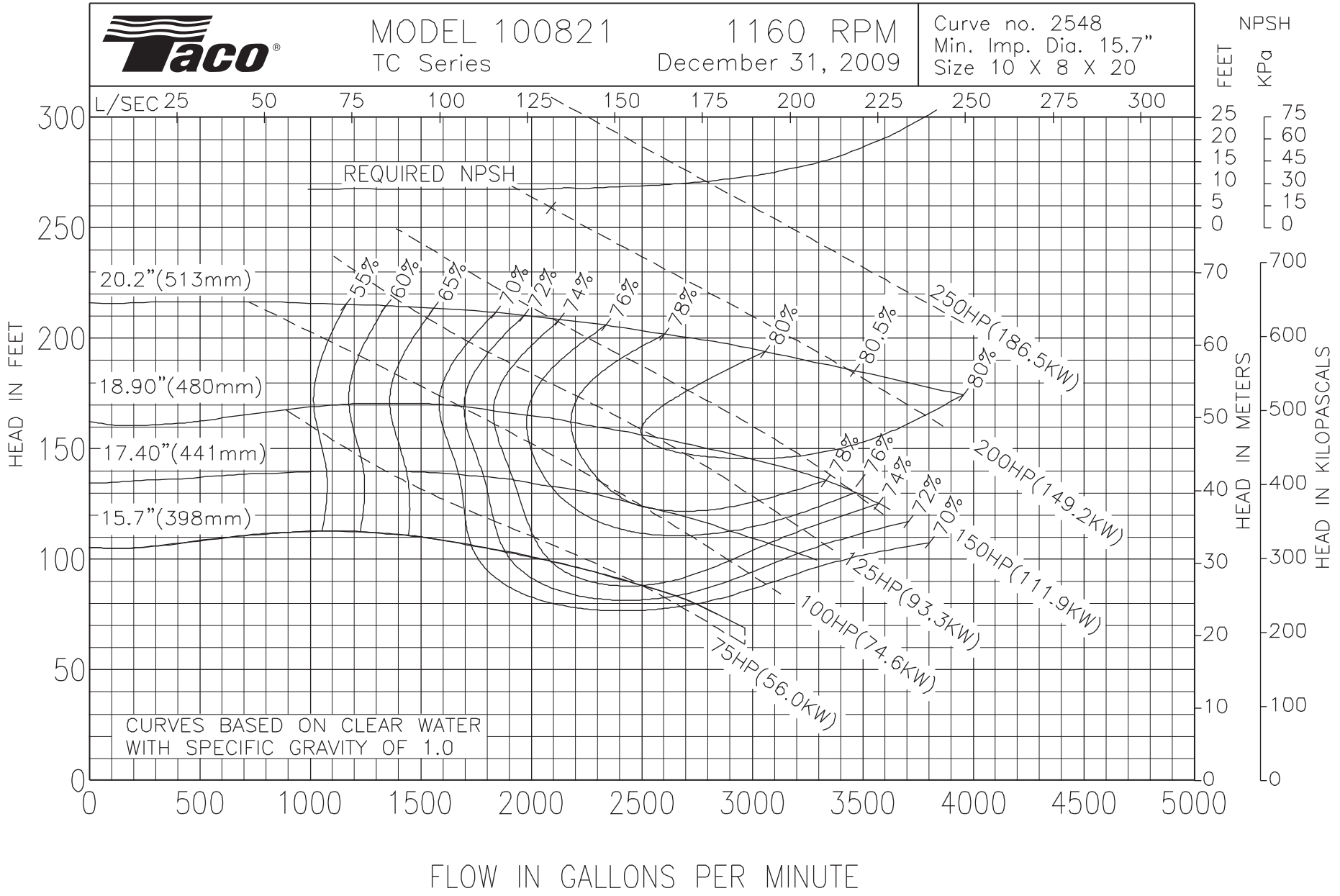

MODEL 080614
TC Series
1160RPM
January 5, 2010
Curve no. 2533
Min. Imp. Dia. 10.2
Size 8 X 6 X 13
L/SEC
REQUIRED NPSH
NPSHR
FEET
KPa
13.2"(334mm)
12.2"(310mm)
11.4"(290mm)
10.2"(258mm)
55%
60%
65%
68%
70%
72%
74%
76%
78%
80%
81%
81.5%
40HP(29.8KW)
30HP(22.4KW)
25HP(18.7KW)
20HP(14.9KW)
15HP(11.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

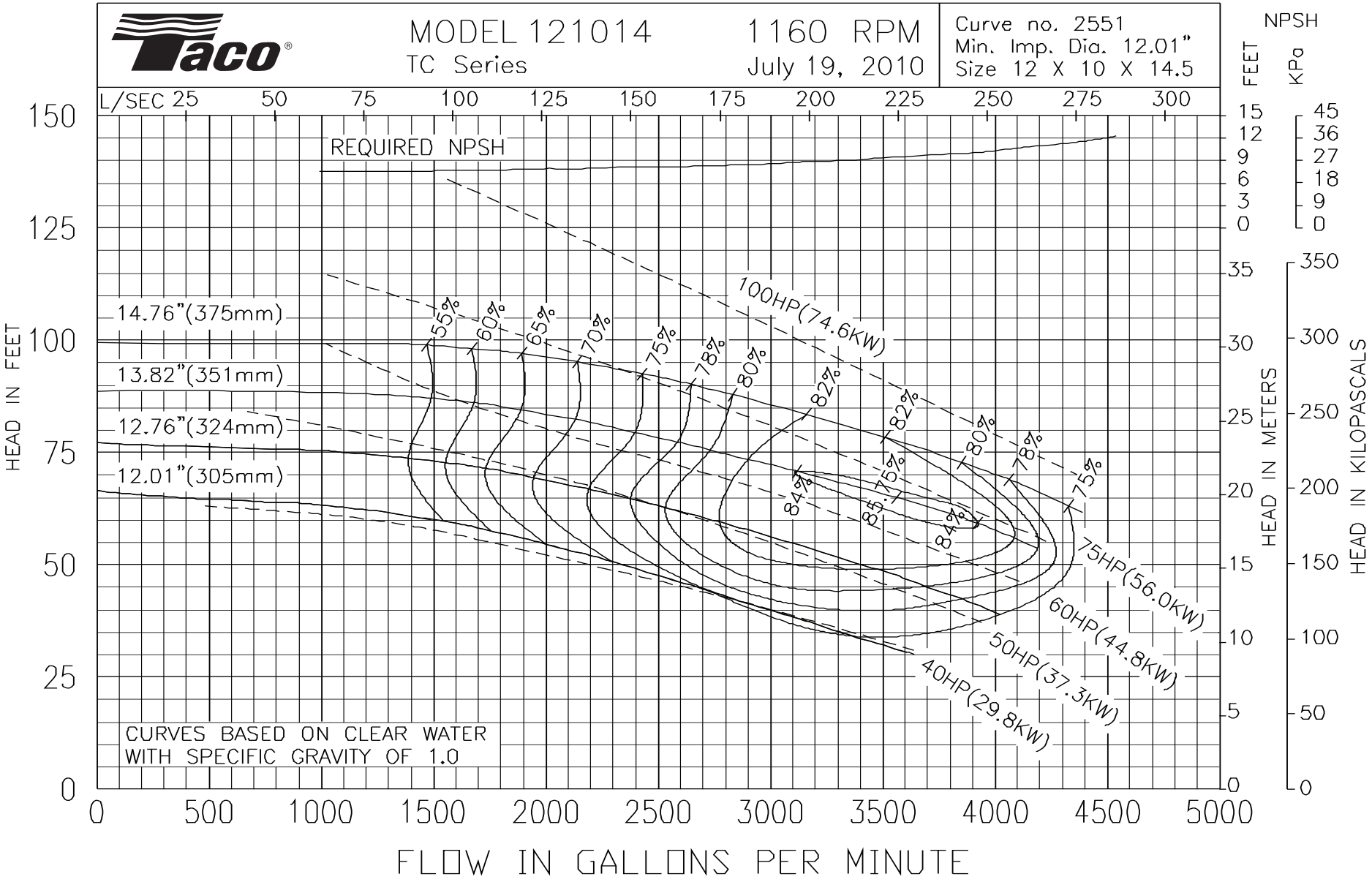

MODEL 080618
TC Series
1160 RPM
April 1, 2010
Curve no. 2536
Min. Imp. Dia. 13.78"
Size 8 X 6 X 18
NPSHR
FEET
KPa
L/SEC 20 40 60 80 100 120 140 160 180 200
REQUIRED NPSH
17.88"(454mm)
16.38"(416mm)
14.88"(378mm)
13.78"(350mm)
60%
65%
65%
70%
72%
74%
76%
78%
79%
78%
76%
74%
72%
70%
68%
100HP(74.6KW)
75HP(55.6KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 400 800 1200 1600 2000 2400 2800 3200
FLOW IN GALLONS PER MINUTE

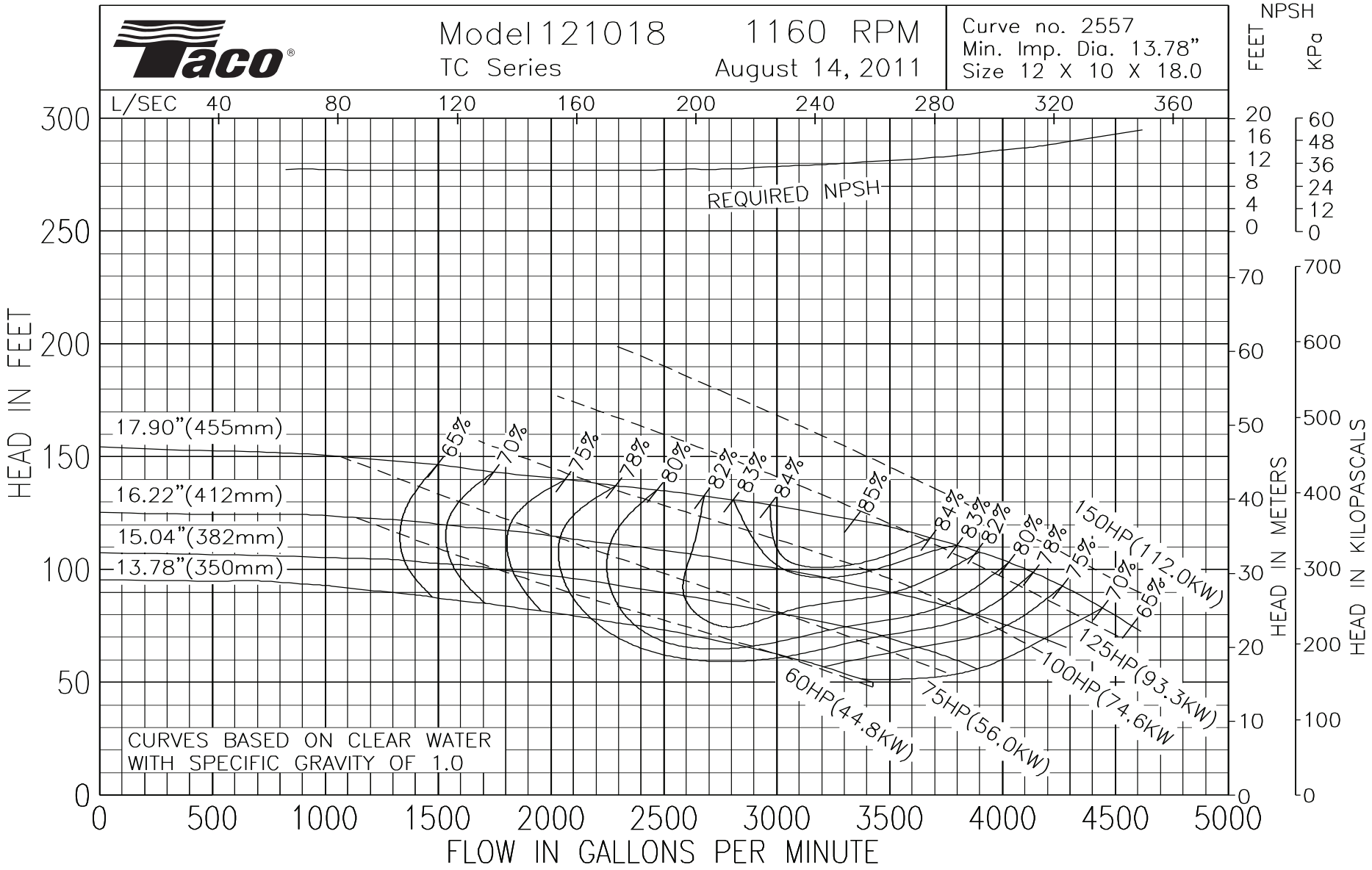

MODEL 080622
TC Series
1160 RPM
August 14, 2011
Curve no. 2539
Min. Imp. Dia. 17.72"
Size 8 X 6 X 22
L/SEC 20 40 60 80 100 120 140 160 180 200 220 240
REQUIRED NPSH
21.57"(548mm)
20.08"(510mm)
18.90"(480mm)
17.72"(450mm)
50%
55%
60%
65%
68%
70%
71%
71.5%
71%
70%
68%
65%
60%
200HP(149.2KW)
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
FLOW IN GALLONS PER MINUTE
NPSH
FEET
KPa
HEAD IN METERS
HEAD IN KILOPASCALS

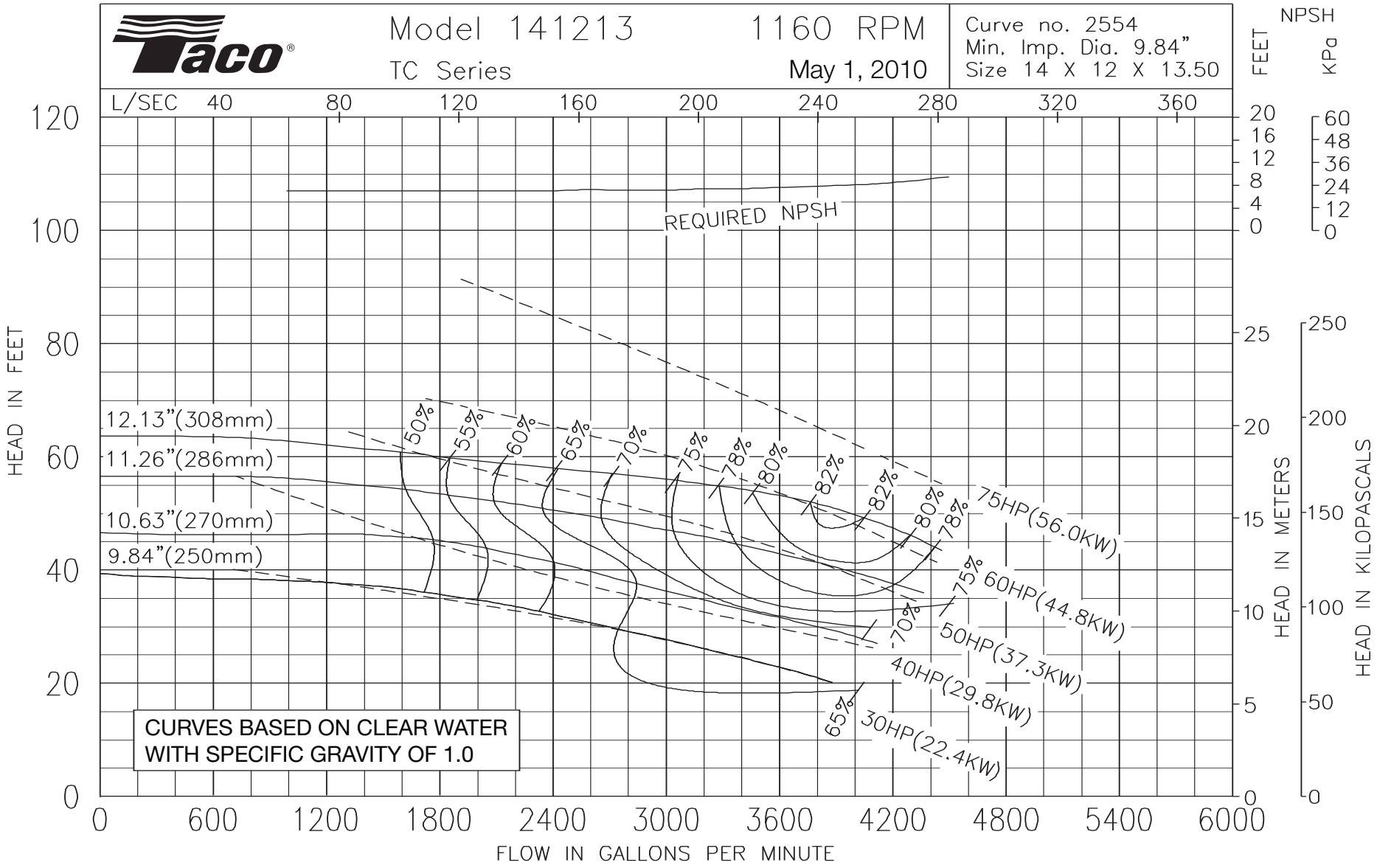

MODEL 100813
TC Series
1160 RPM
April 1, 2010
Curve no. 2542
Min. Imp. Dia. 10.24"
Size 10 X 8 X 12.75
L/SEC
25
50
75
100
125
150
175
200
225
250
NPSH
FEET
KPa
REQUIRED NPSH
12.72"(323mm)
11.81"(300mm)
11.22"(285mm)
10.24"(260mm)
50%
55%
60%
65%
70%
72%
75%
78%
80%
82%
84%
85%
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.7KW)
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

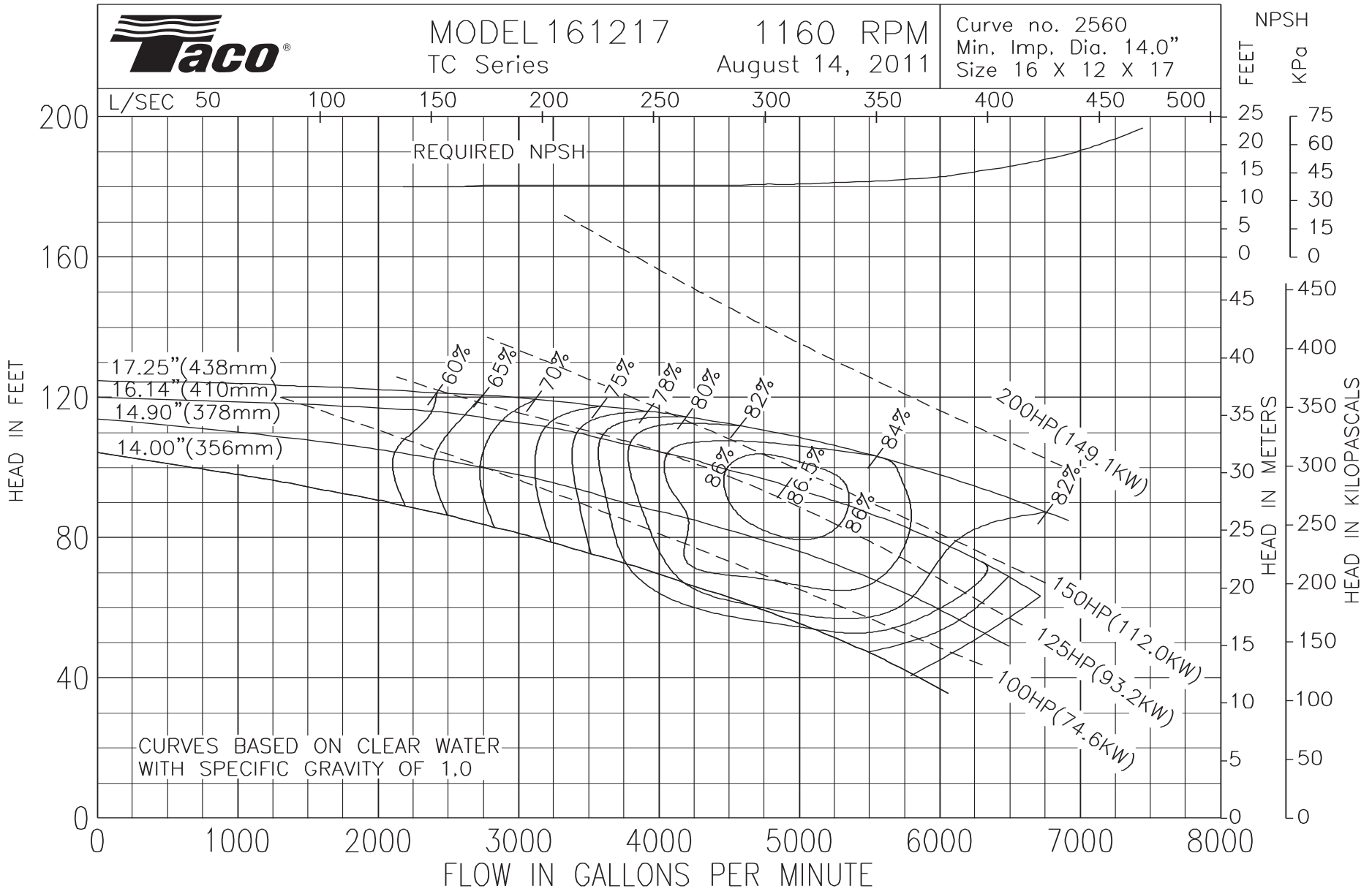

MODEL 100816
TC Series
1160 RPM
August 14, 2011
Curve no. 2545
Min. Imp. Dia. 11.61"
Size 10 X 8 X 16
NPSH
FEET
KPa
L/SEC 25 50 75 100 125 150 175 200 225 250
REQUIRED NPSHR
15.55"(395mm)
14.37"(365mm)
13.07"(332mm)
11.61"(295mm)
60%
65%
70%
75%
78%
79%
80%
100HP(74.6KW)
75HP(56.0KW)
60HP(44.7KW)
50HP(37.3KW)
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

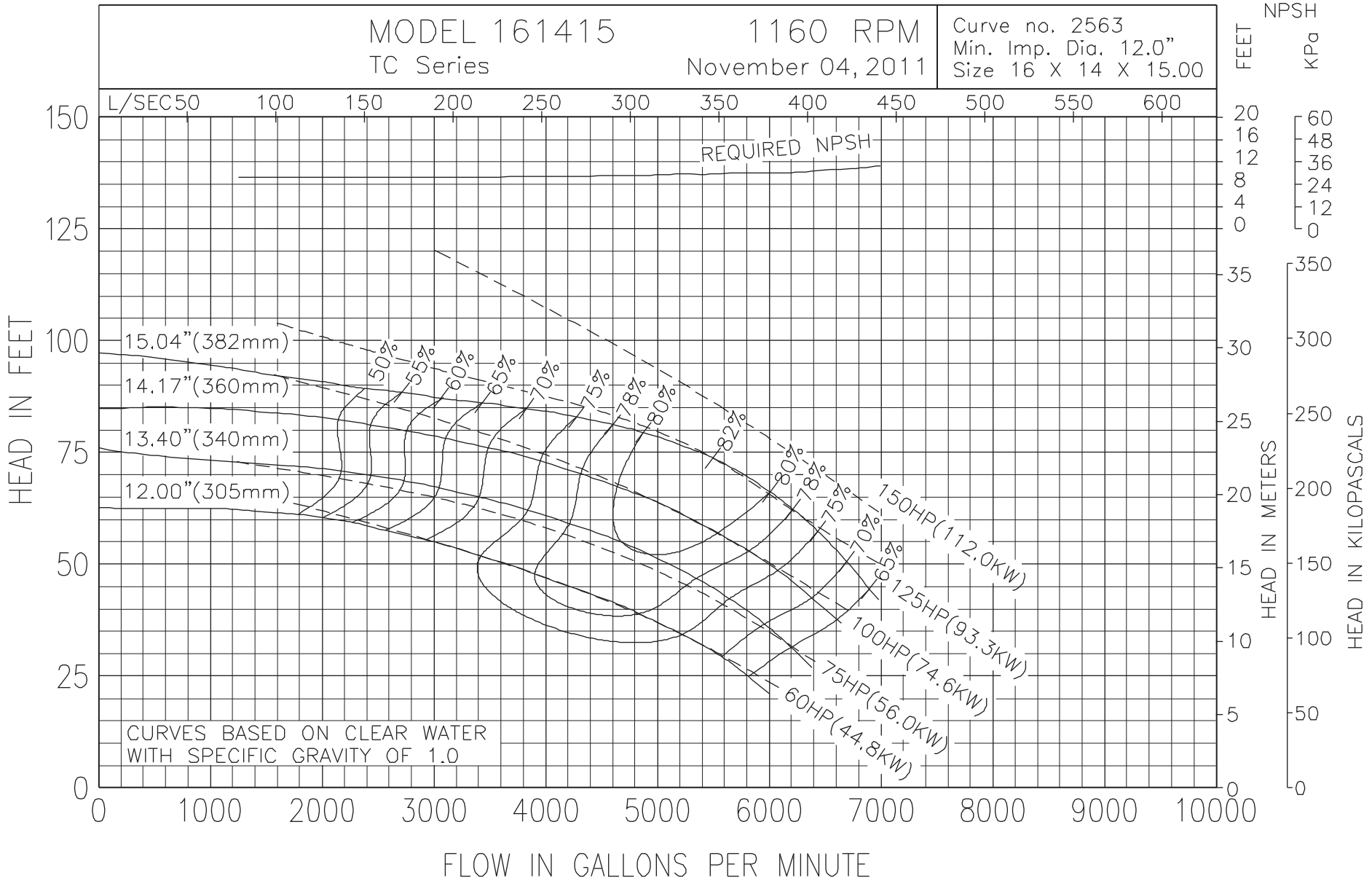

MODEL 100821
TC Series
1160 RPM
December 31, 2009
Curve no. 2548
Min. Imp. Dia. 15.7"
Size 10 X 8 X 20
NPSH
FEET
KPa
L/SEC 25 50 75 100 125 150 175 200 225 250 275 300
REQUIRED NPSH
20.2"(513mm)
18.90"(480mm)
17.40"(441mm)
15.7"(398mm)
55%
60%
65%
70%
72%
74%
76%
78%
80%
80.5%
250HP(186.5KW)
200HP(149.2KW)
150HP(111.9KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
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 121014
TC Series
1160 RPM
July 19, 2010
Curve no. 2551
Min. Imp. Dia. 12.01"
Size 12 X 10 X 14.5
L/SEC 25 50 75 100 125 150 175 200 225 250 275 300
REQUIRED NPSH
14.76"(375mm)
13.82"(351mm)
12.76"(324mm)
12.01"(305mm)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
55%
60%
65%
70%
75%
78%
80%
82%
84%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
NPSH FEET
NPSH KPa
HEAD IN METERS
HEAD IN KILOPASCALS
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000
FLOW IN GALLONS PER MINUTE

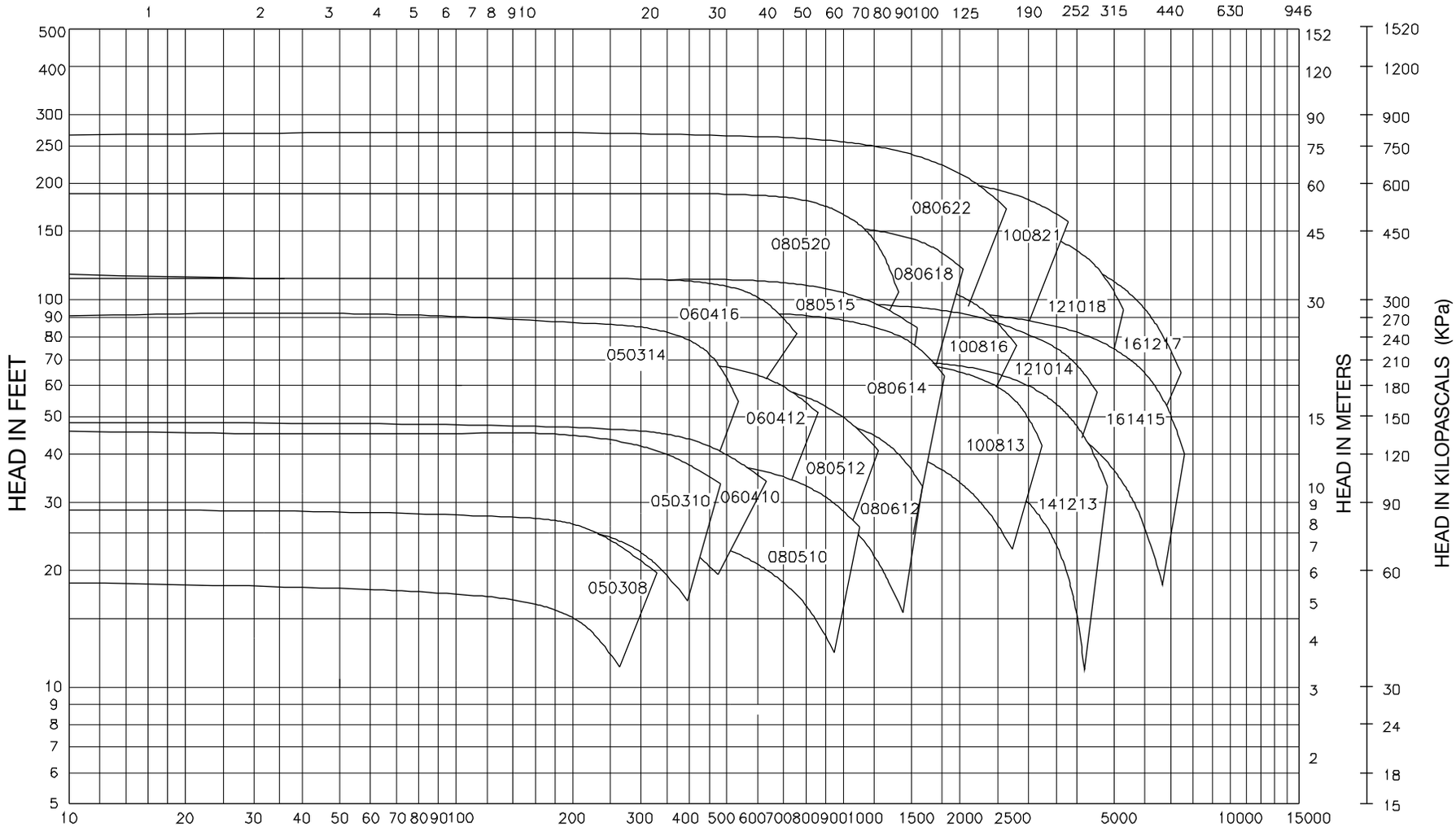

Taco
Model 121018
TC Series
1160 RPM
August 14, 2011
Curve no. 2557
Min. Imp. Dia. 13.78"
Size 12 X 10 X 18.0
NPSH
FEET
KPa
L/SEC
40
80
120
160
200
240
280
320
360
REQUIRED NPSH
17.90"(455mm)
16.22"(412mm)
15.04"(382mm)
13.78"(350mm)
65%
70%
75%
78%
80%
82%
83%
84%
85%
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
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


Taco
Model 141213
TC Series
1160 RPM
May 1, 2010
Curve no. 2554
Min. Imp. Dia. 9.84"
Size 14 X 12 X 13.50
L/SEC
40
80
120
160
200
240
280
320
360
FEET
NPSH
KPa
REQUIRED NPSH
12.13"(308mm)
11.26"(286mm)
10.63"(270mm)
9.84"(250mm)
50%
55%
60%
65%
70%
75%
78%
80%
82%
75HP(56.0KW)
60HP(44.8KW)
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


MODEL 161217
TC Series
1160 RPM
August 14, 2011
Curve no. 2560
Min. Imp. Dia. 14.0"
Size 16 X 12 X 17
NPSH
FEET
KPa
L/SEC 50 100 150 200 250 300 350 400 450 500
REQUIRED NPSH
17.25"(438mm)
16.14"(410mm)
14.90"(378mm)
14.00"(356mm)
60%
65%
70%
75%
78%
80%
82%
84%
86%
86.5%
85%
82%
200HP(149.1KW)
150HP(112.0KW)
125HP(93.2KW)
100HP(74.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 1000 2000 3000 4000 5000 6000 7000 8000
FLOW IN GALLONS PER MINUTE


MODEL 161415
TC Series
1160 RPM
November 04, 2011
Curve no. 2563
Min. Imp. Dia. 12.0"
Size 16 X 14 X 15.00
L/SEC
FEET
NPSH
KPa
REQUIRED NPSH
15.04"(382mm)
14.17"(360mm)
13.40"(340mm)
12.00"(305mm)
50%
55%
60%
65%
70%
75%
78%
80%
82%
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
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

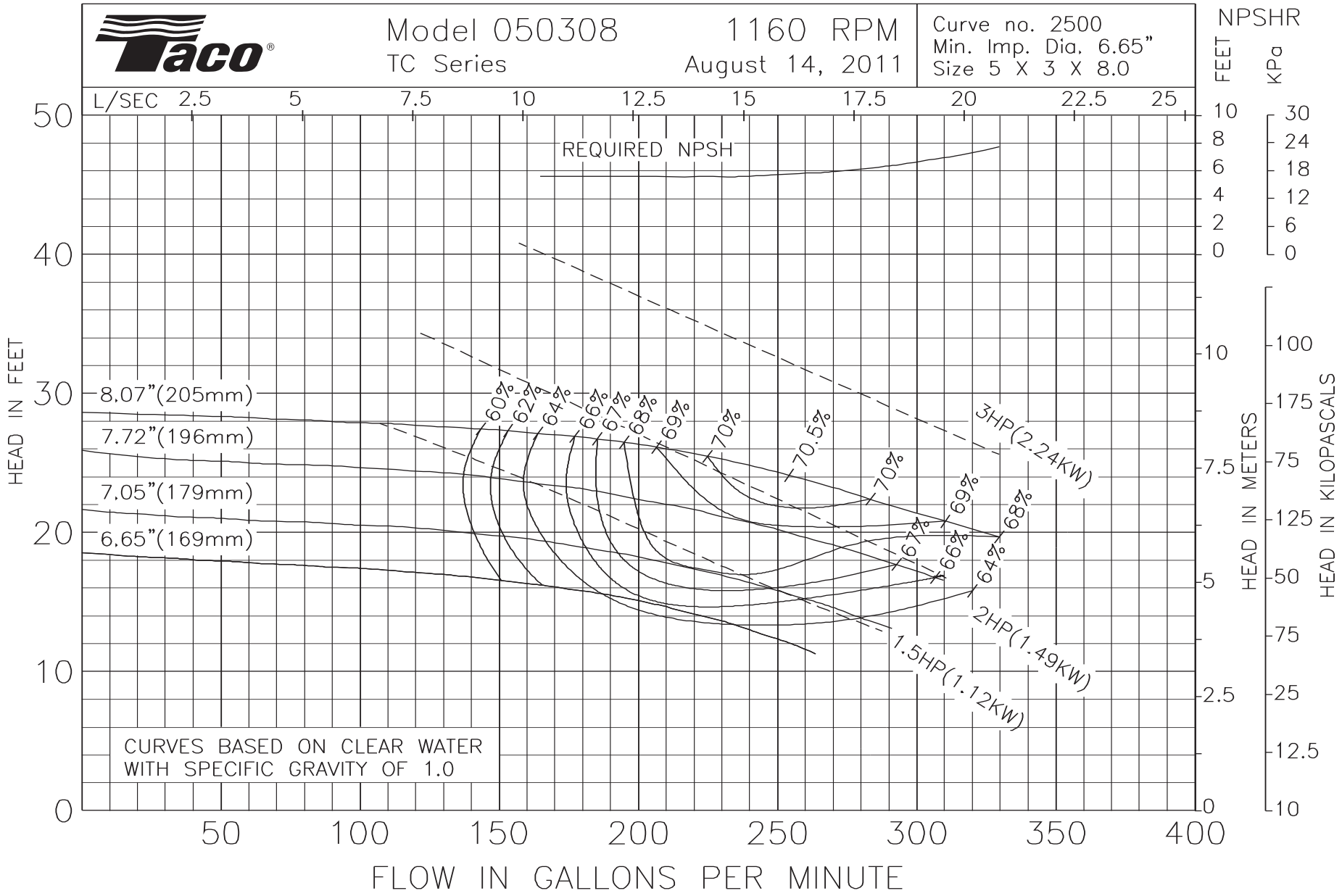
CAPACITY IN LITERS/SEC

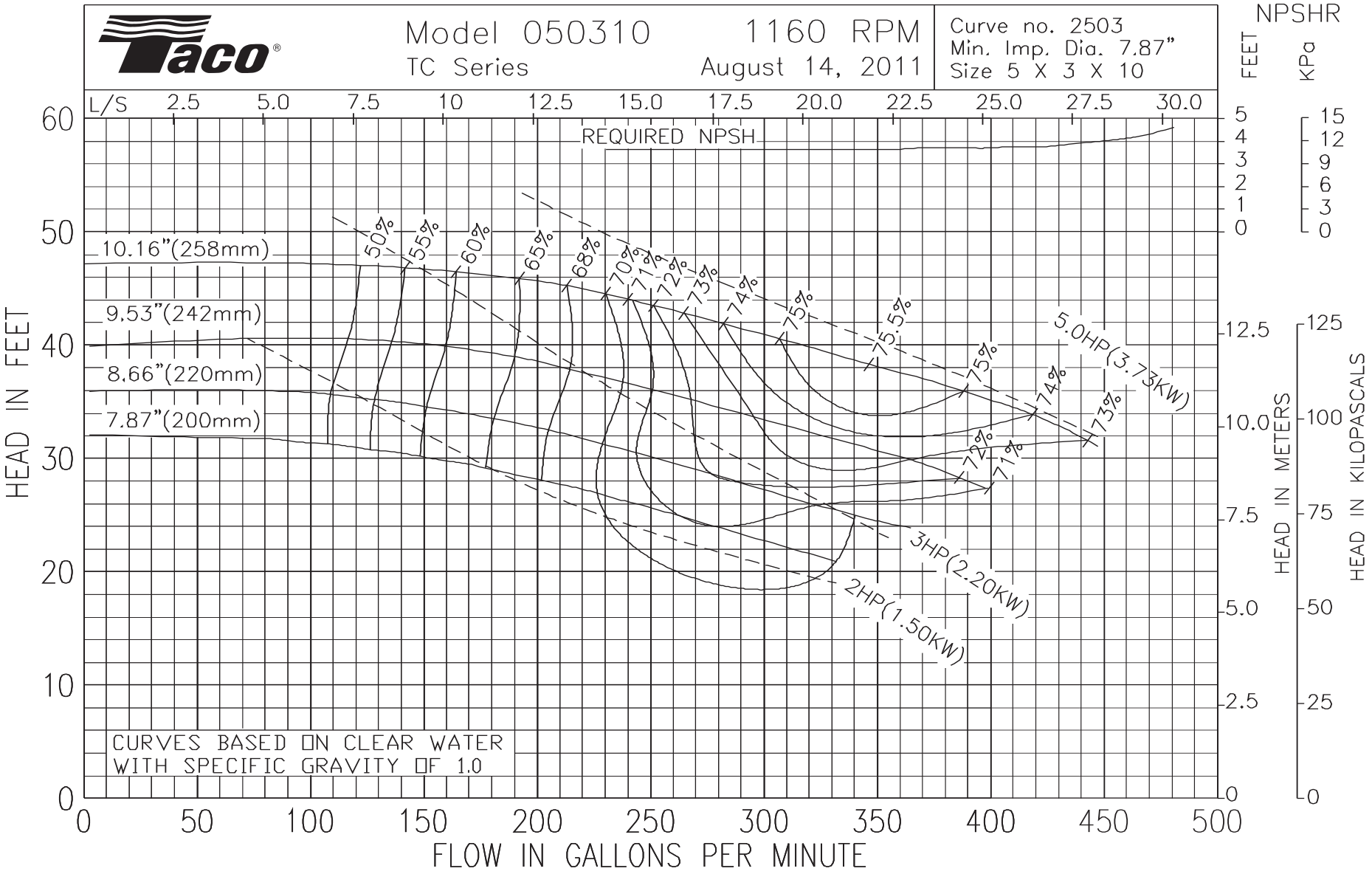


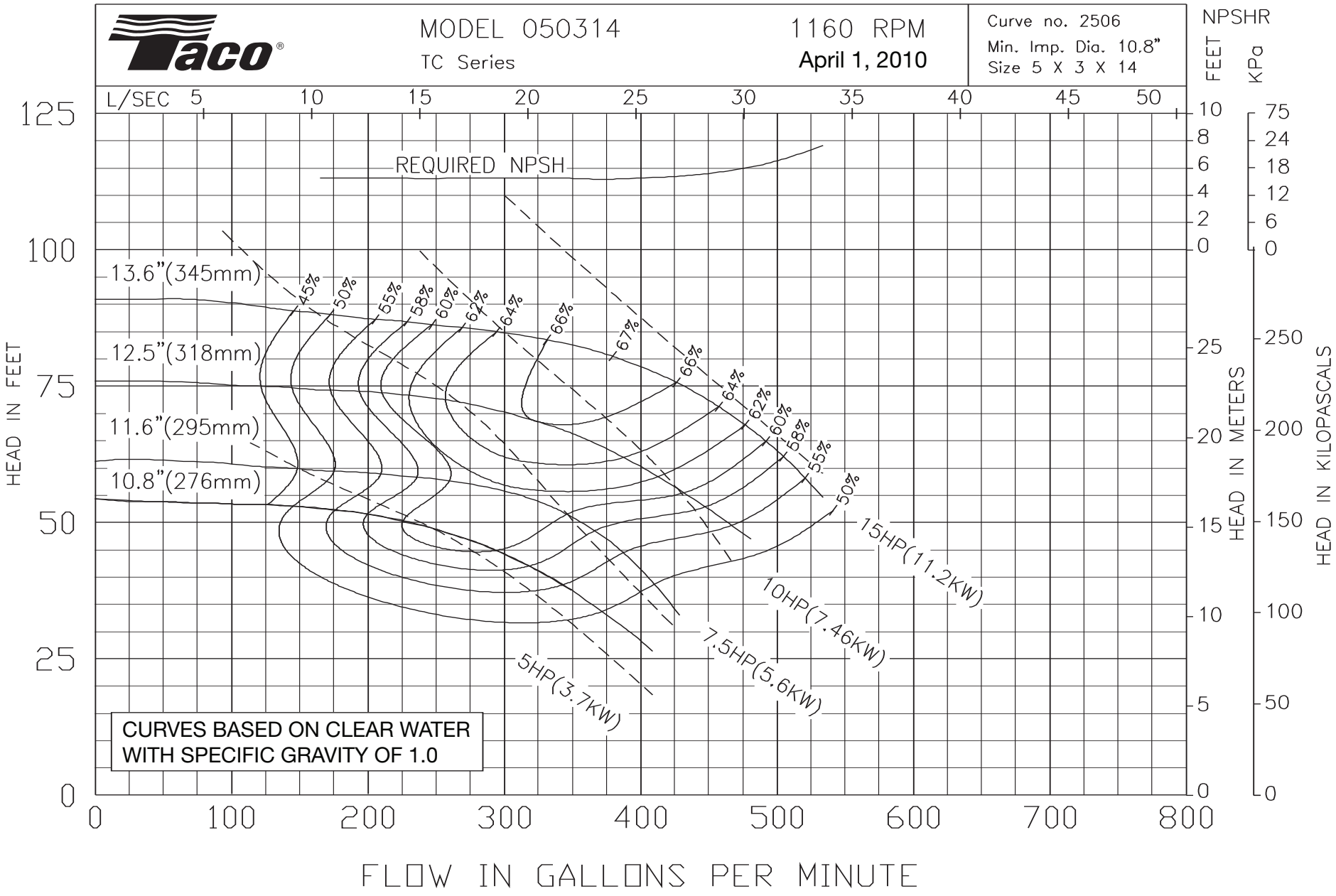
FLOW IN GALLONS PER MINUTE

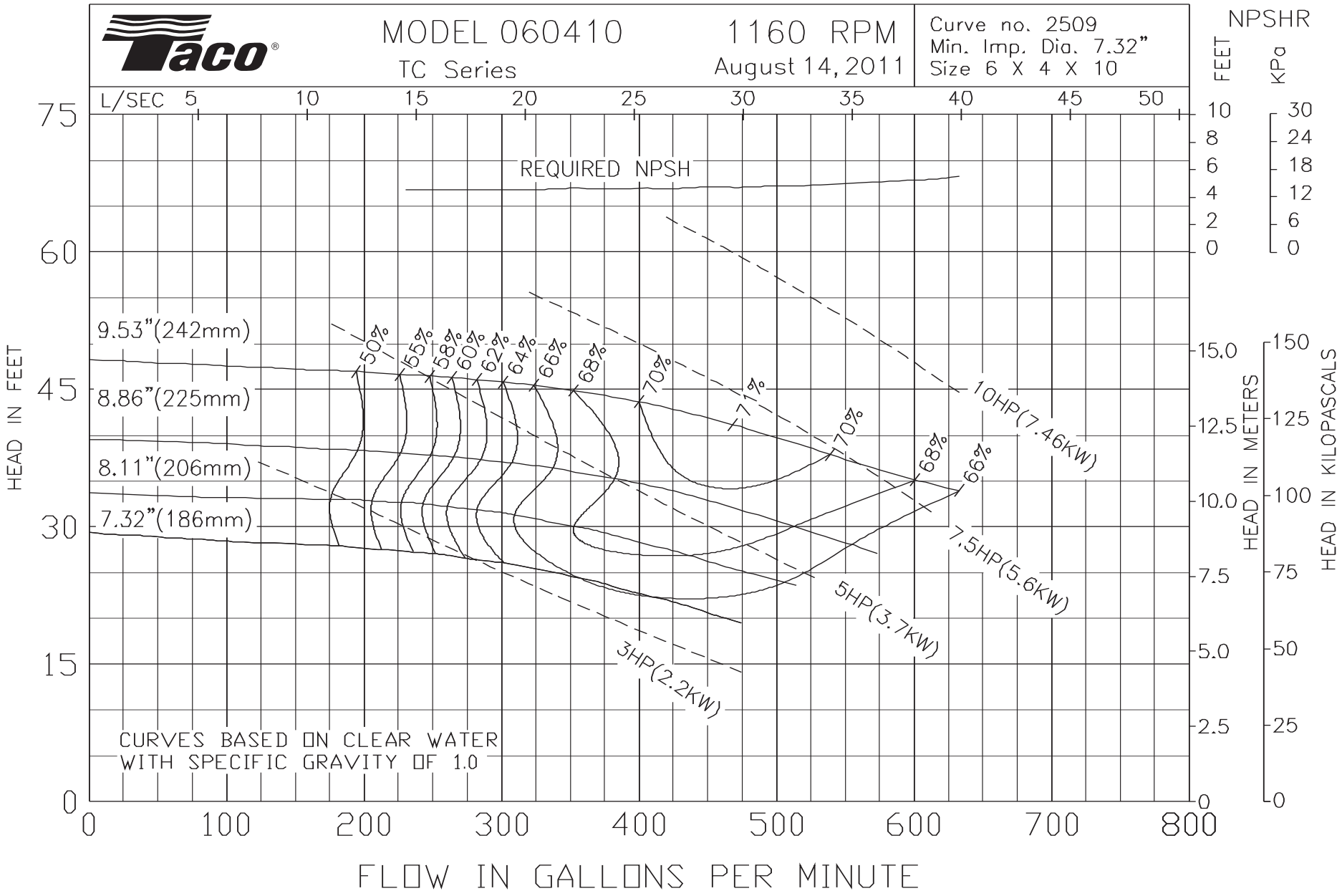
PC-2566

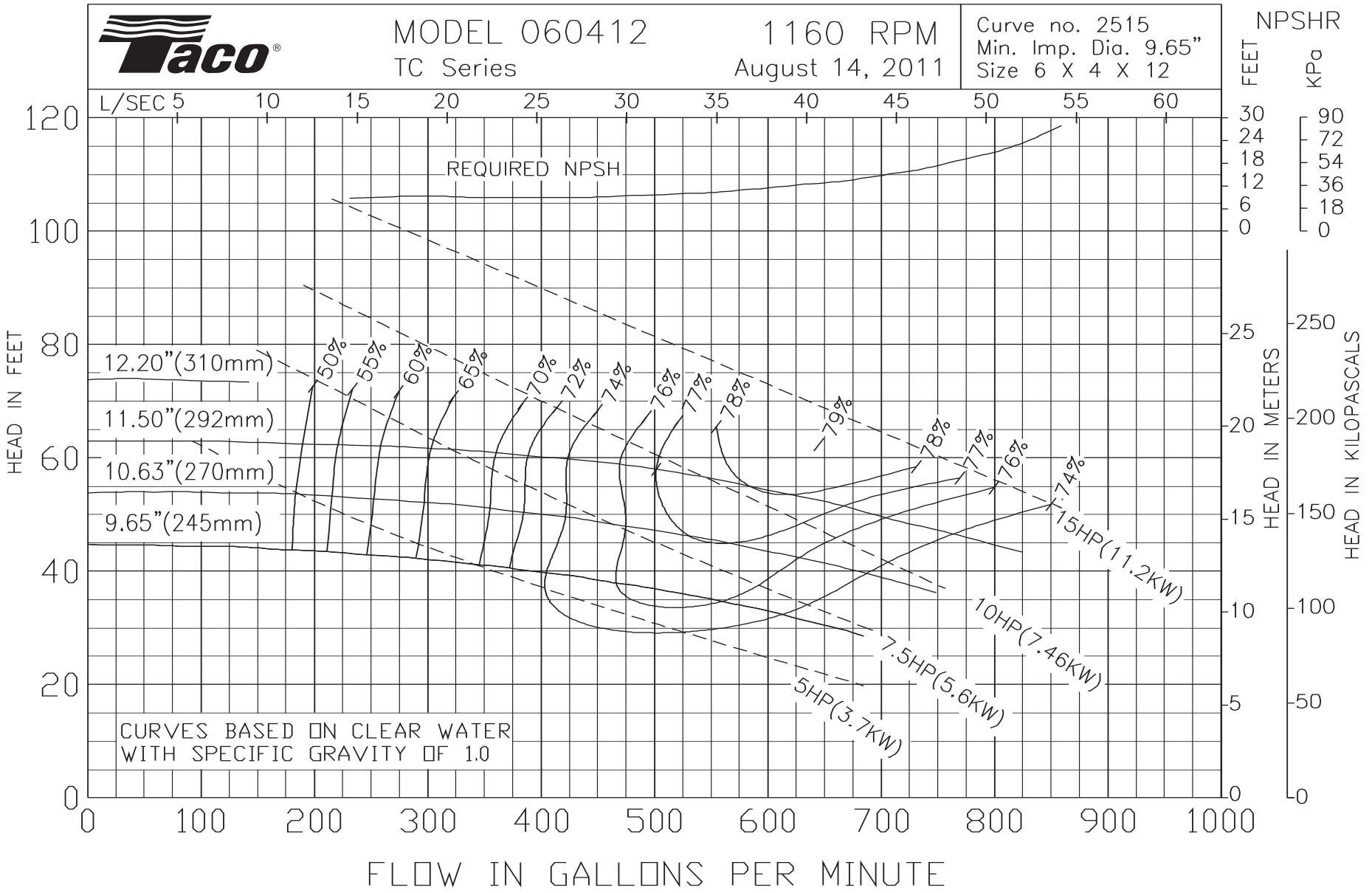
TC QUICK SELECTION CURVE – 1160 RPM

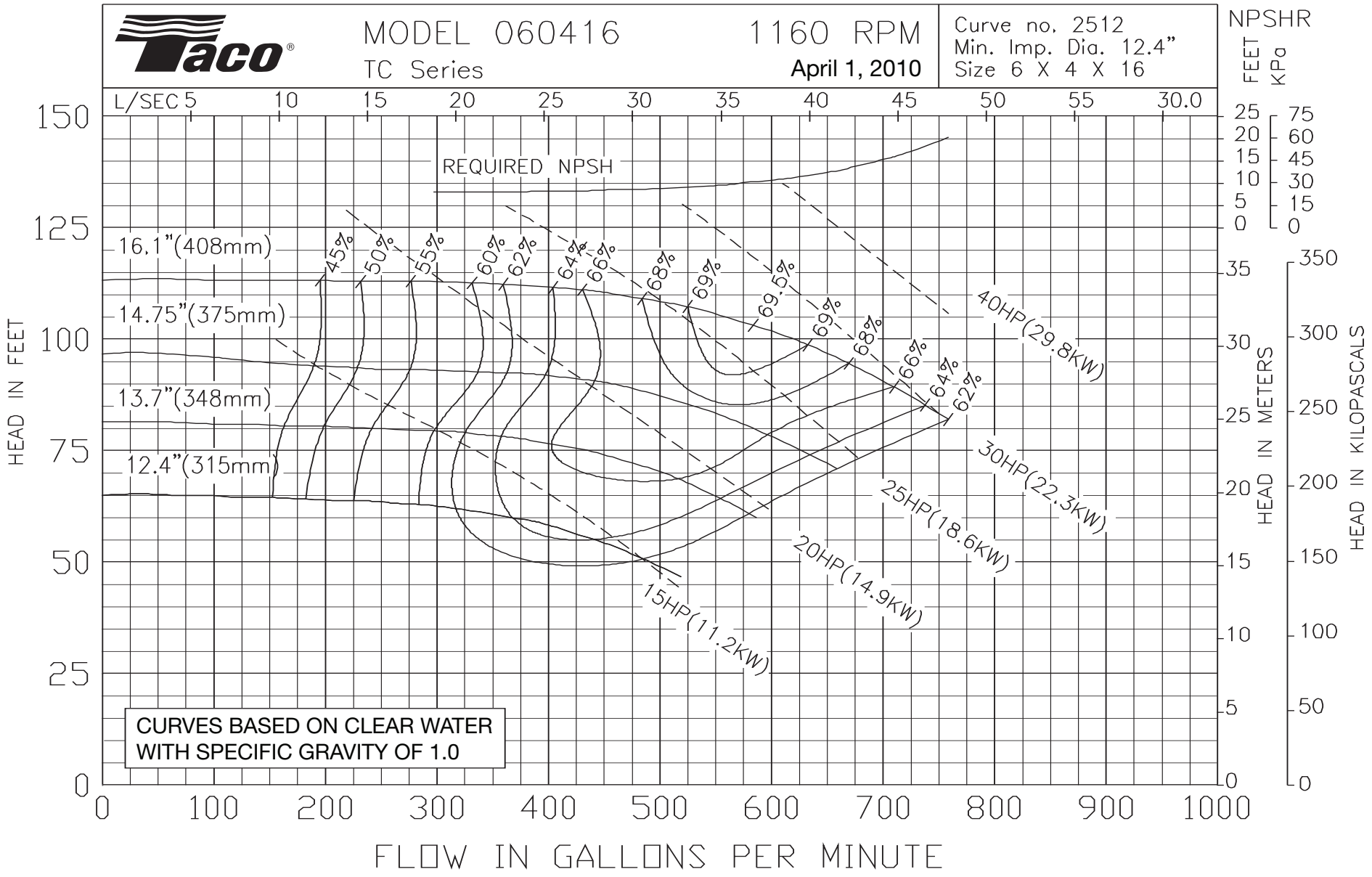

Taco
Model 050308
TC Series
1160 RPM
August 14, 2011
Curve no. 2500
Min. Imp. Dia. 6.65"
Size 5 X 3 X 8.0
NPSHR
FEET
KPa
L/SEC 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25
REQUIRED NPSH
8.07"(205mm)
7.72"(196mm)
7.05"(179mm)
6.65"(169mm)
60%
62%
64%
66%
67%
68%
69%
70%
70.5%
3HP(2.24KW)
2HP(1.49KW)
1.5HP(1.12KW)
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

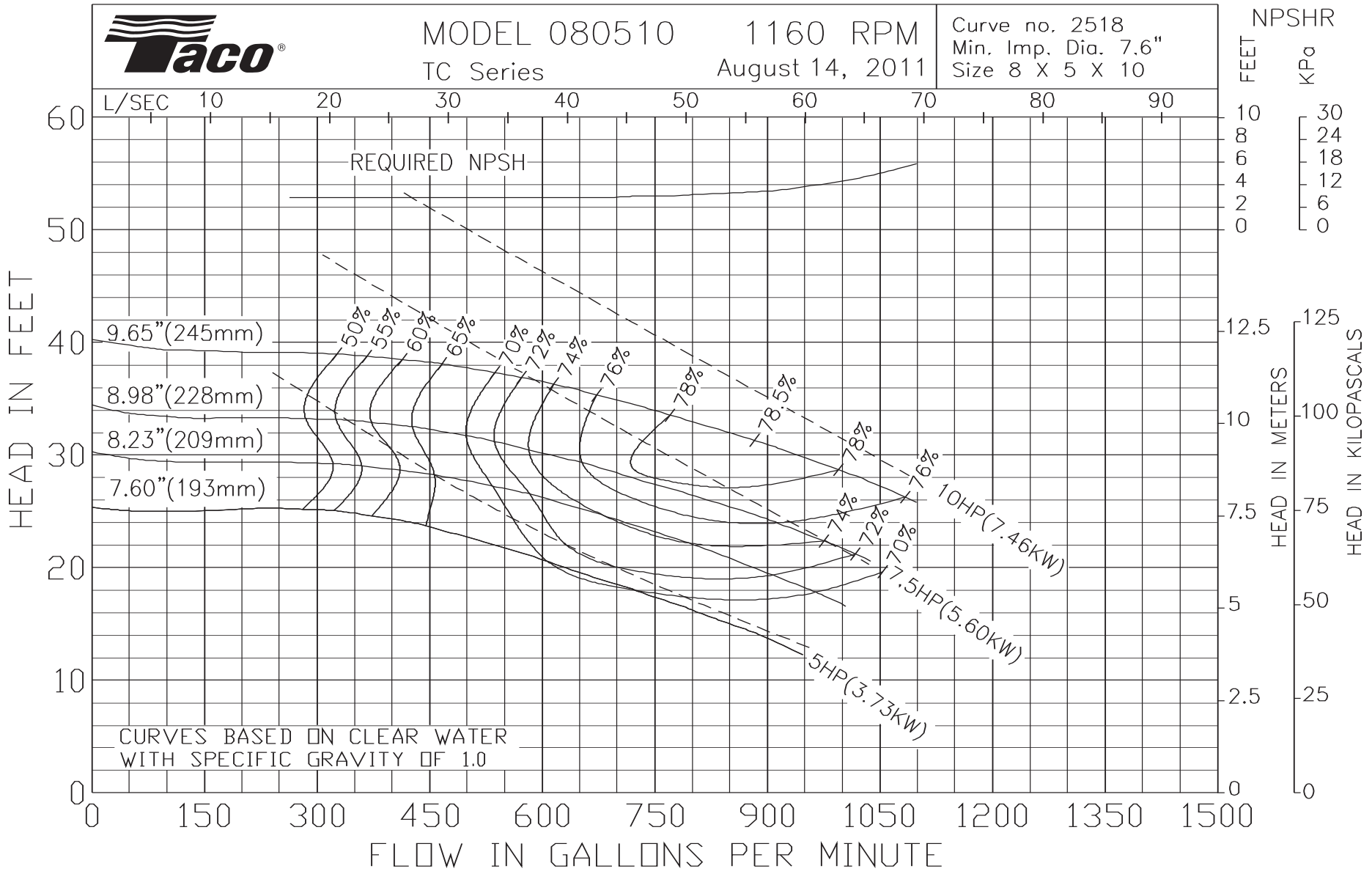

Taco
Model 050310
TC Series
1160 RPM
August 14, 2011
Curve no. 2503
Min. Imp. Dia. 7.87"
Size 5 X 3 X 10
NPSHR
FEET
KPa
L/S
2.5
5.0
7.5
10
12.5
15.0
17.5
20.0
22.5
25.0
27.5
30.0
REQUIRED NPSH
10.16"(258mm)
9.53"(242mm)
8.66"(220mm)
7.87"(200mm)
50%
55%
60%
65%
68%
70%
71%
72%
73%
74%
75%
75.5%
5.0HP(3.73KW)
3HP(2.20KW)
2HP(1.50KW)
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

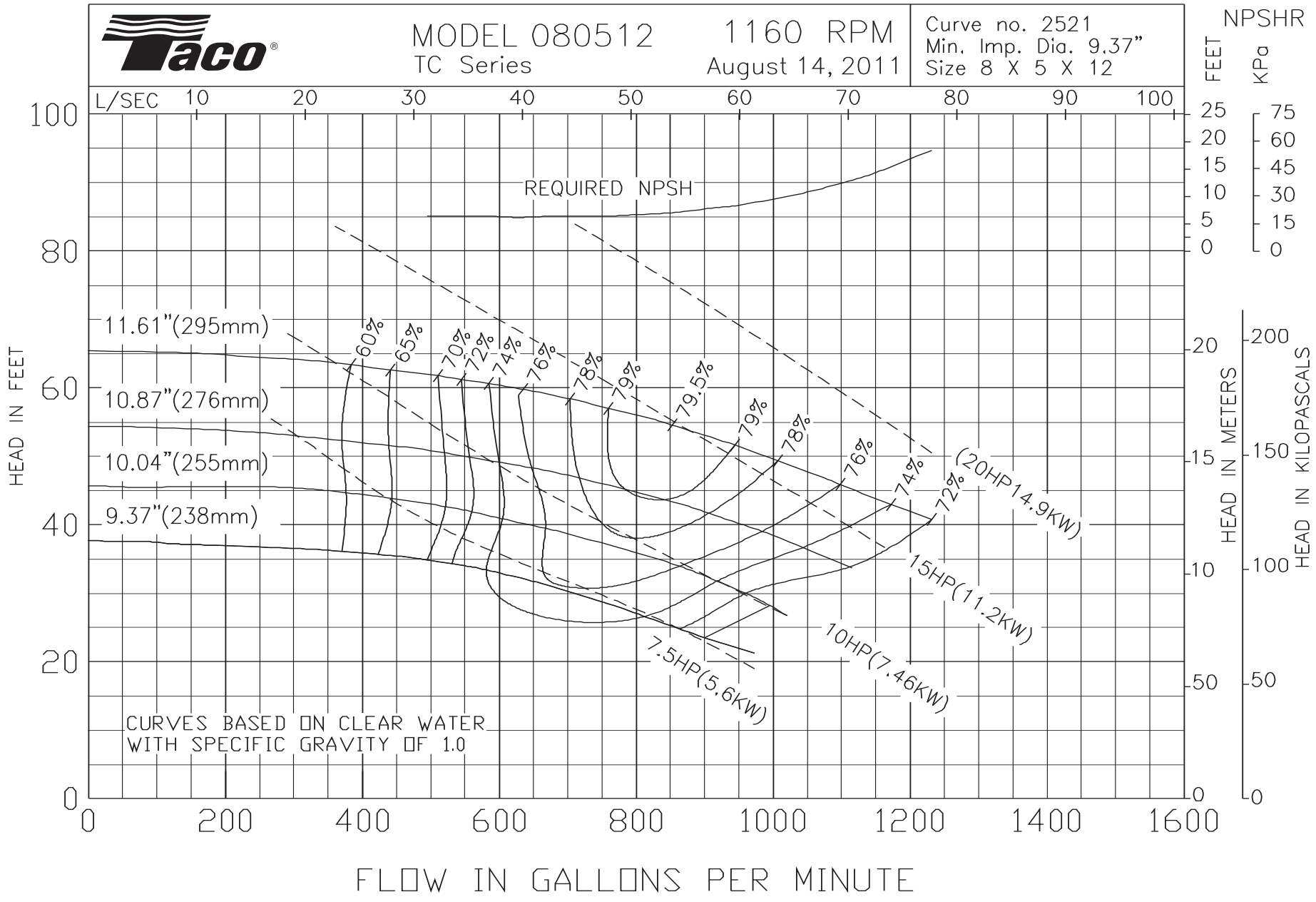

MODEL 050314
TC Series
1160 RPM
April 1, 2010
Curve no. 2506
Min. Imp. Dia. 10.8"
Size 5 X 3 X 14
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50
REQUIRED NPSH
13.6"(345mm)
12.5"(318mm)
11.6"(295mm)
10.8"(276mm)
45%
50%
55%
58%
60%
62%
64%
66%
67%
15HP(11.2KW)
10HP(7.46KW)
7.5HP(5.6KW)
5HP(3.7KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 100 200 300 400 500 600 700 800
FLOW IN GALLONS PER MINUTE

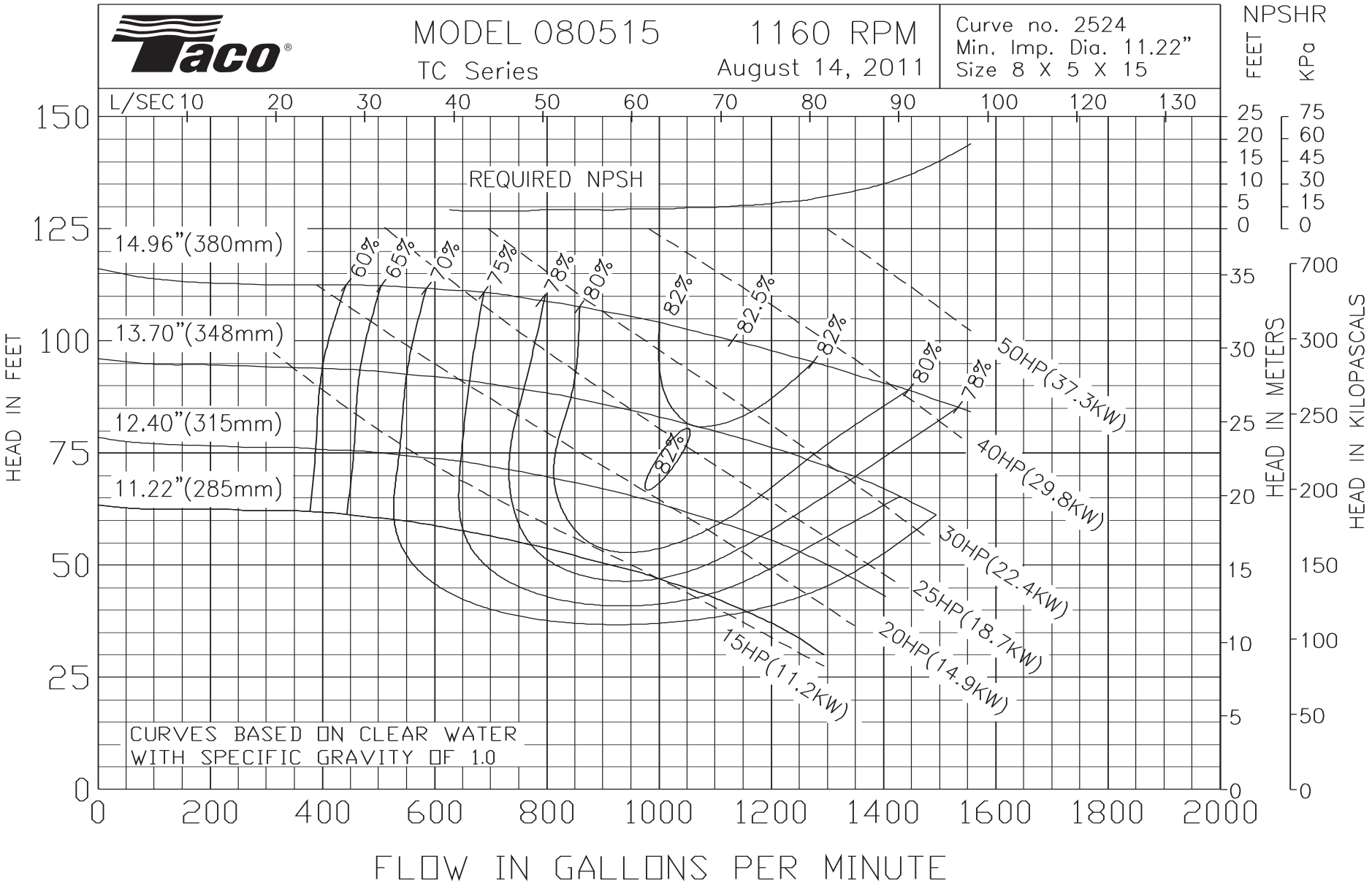

MODEL 060410
TC Series
1160 RPM
August 14, 2011
Curve no. 2509
Min. Imp. Dia. 7.32"
Size 6 X 4 X 10
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50
REQUIRED NPSH
9.53"(242mm)
8.86"(225mm)
8.11"(206mm)
7.32"(186mm)
50%
55%
58%
60%
62%
64%
66%
68%
70%
71%
70%
68%
66%
10HP(7.46KW)
7.5HP(5.6KW)
5HP(3.7KW)
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

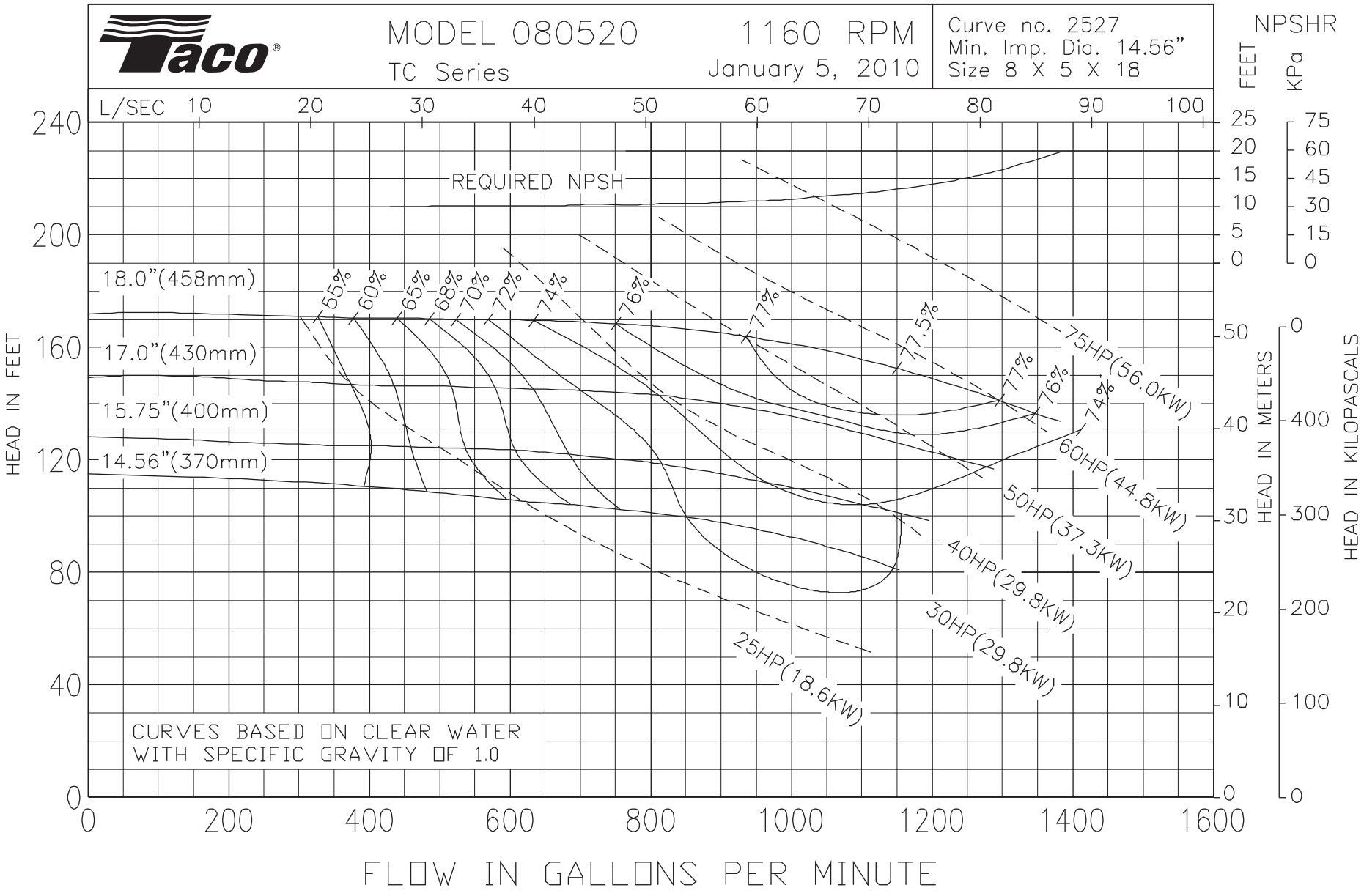

MODEL 060412
TC Series
1160 RPM
August 14, 2011
Curve no. 2515
Min. Imp. Dia. 9.65"
Size 6 X 4 X 12
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 60
REQUIRED NPSH
12.20"(310mm)
11.50"(292mm)
10.63"(270mm)
9.65"(245mm)
50% 55% 60% 65% 70% 72% 74% 76% 77% 78%
79% 78% 77% 76% 74%
15HP(11.2KW)
10HP(7.46KW)
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

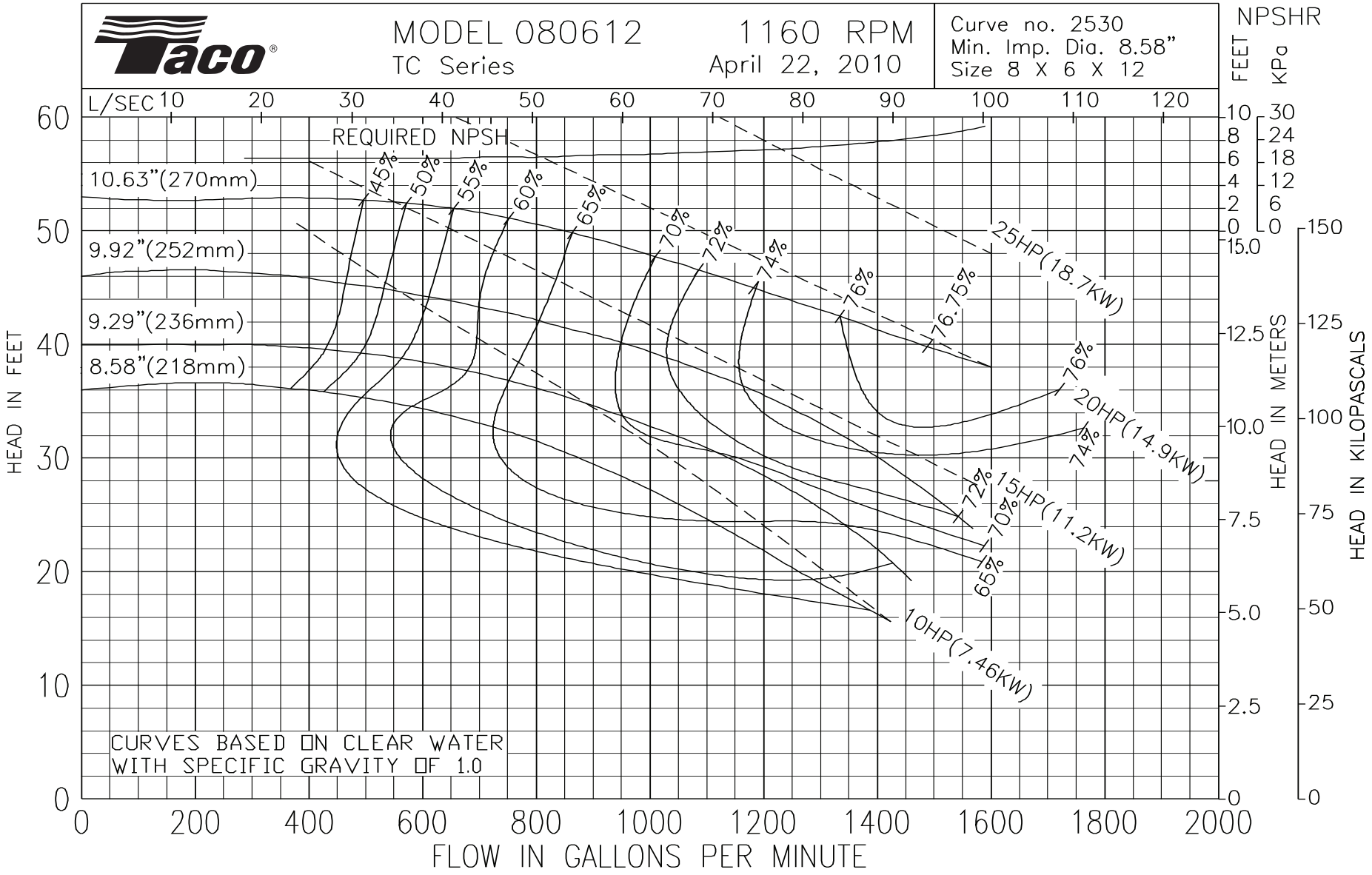

MODEL 060416
TC Series
1160 RPM
April 1, 2010
Curve no. 2512
Min. Imp. Dia. 12.4"
Size 6 X 4 X 16
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50 55 30.0
REQUIRED NPSH
16.1"(408mm)
14.75"(375mm)
13.7"(348mm)
12.4"(315mm)
45%
50%
55%
60%
62%
64%
66%
68%
69%
69.5%
40HP(29.8KW)
30HP(22.3KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
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

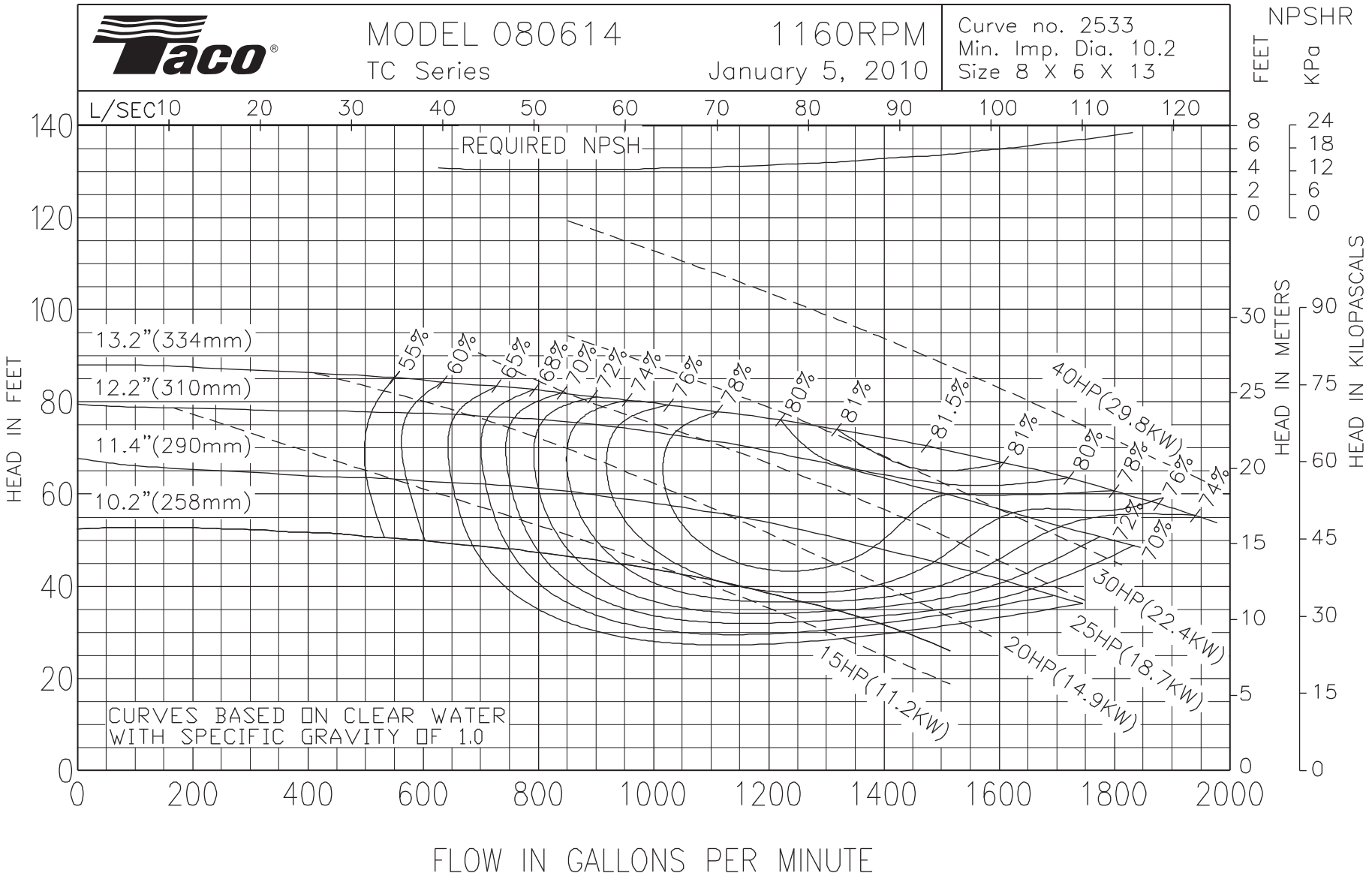

MODEL 080510 1160 RPM
TC Series
August 14, 2011
Curve no. 2518
Min. Imp. Dia. 7.6"
Size 8 X 5 X 10
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
9.65"(245mm)
8.98"(228mm)
8.23"(209mm)
7.60"(193mm)
50%
55%
60%
65%
70%
72%
74%
76%
78%
78.5%
10HP(7.46KW)
7.5HP(5.60KW)
5HP(3.73KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

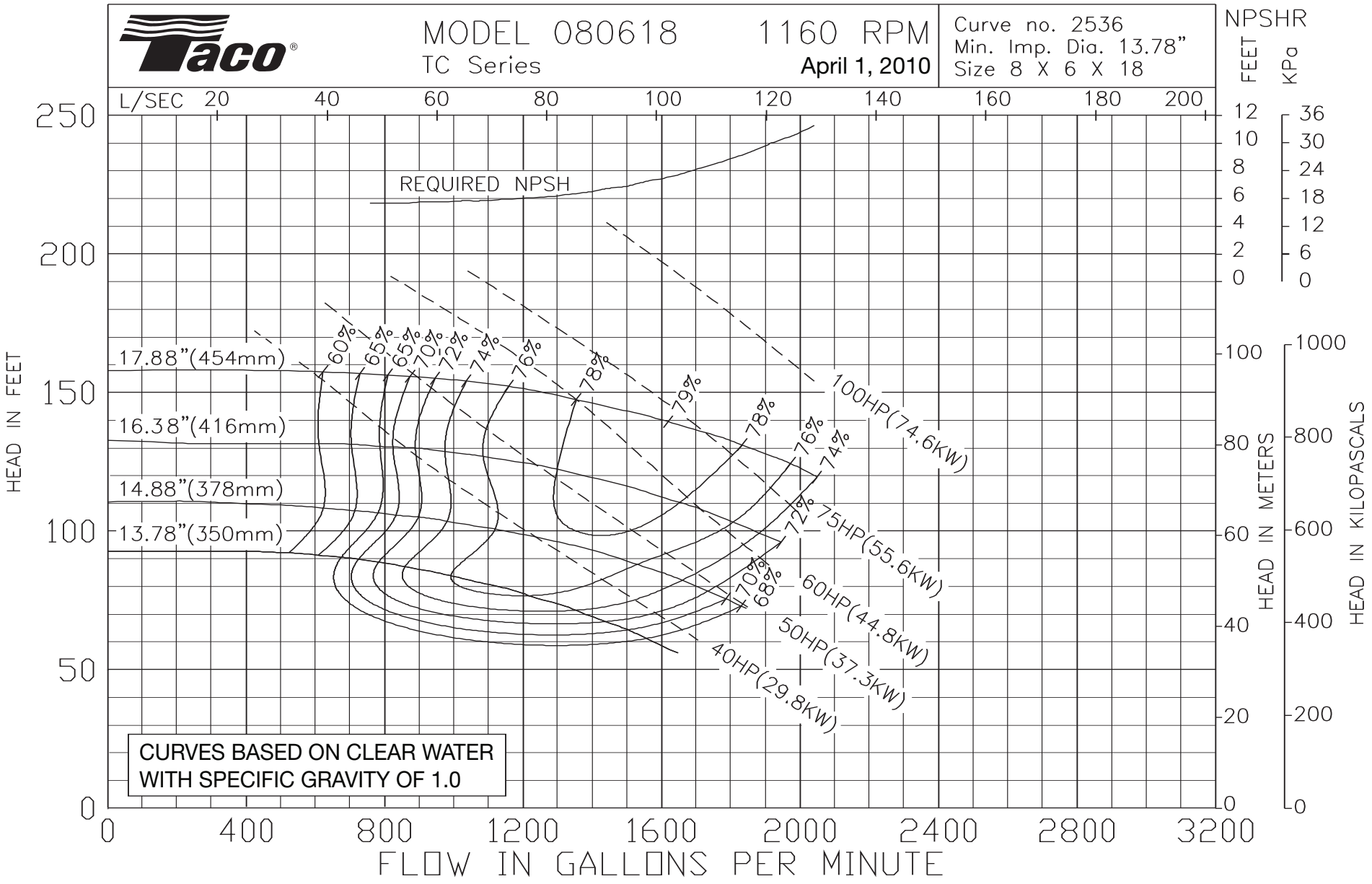

Taco
MODEL 080512
TC Series
1160 RPM
August 14, 2011
Curve no. 2521
Min. Imp. Dia. 9.37"
Size 8 X 5 X 12
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
11.61"(295mm)
10.87"(276mm)
10.04"(255mm)
9.37"(238mm)
60%
65%
70%
72%
74%
76%
78%
79%
79.5%
(20HP14.9KW)
15HP(11.2KW)
10HP(7.46KW)
7.5HP(5.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

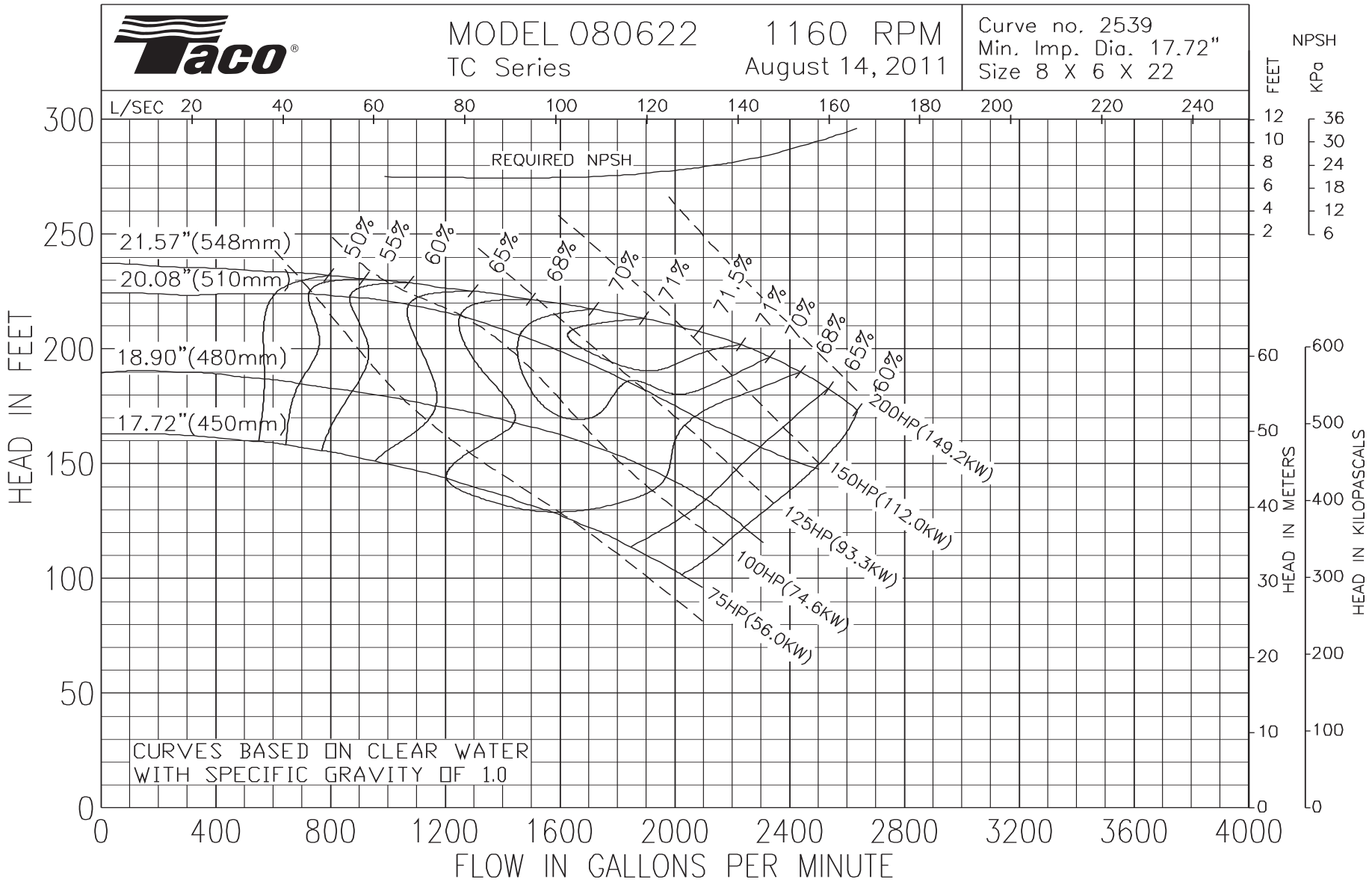

MODEL 080515
TC Series
1160 RPM
August 14, 2011
Curve no. 2524
Min. Imp. Dia. 11.22"
Size 8 X 5 X 15
NPSHR
FEET
KPa
L/SEC 10 20 30 40 50 60 70 80 90 100 120 130
REQUIRED NPSH
14.96"(380mm)
13.70"(348mm)
12.40"(315mm)
11.22"(285mm)
60%
65%
70%
75%
78%
80%
82%
82.5%
82%
80%
78%
82%
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.7KW)
20HP(14.9KW)
15HP(11.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 200 400 600 800 1000 1200 1400 1600 1800 2000
FLOW IN GALLONS PER MINUTE

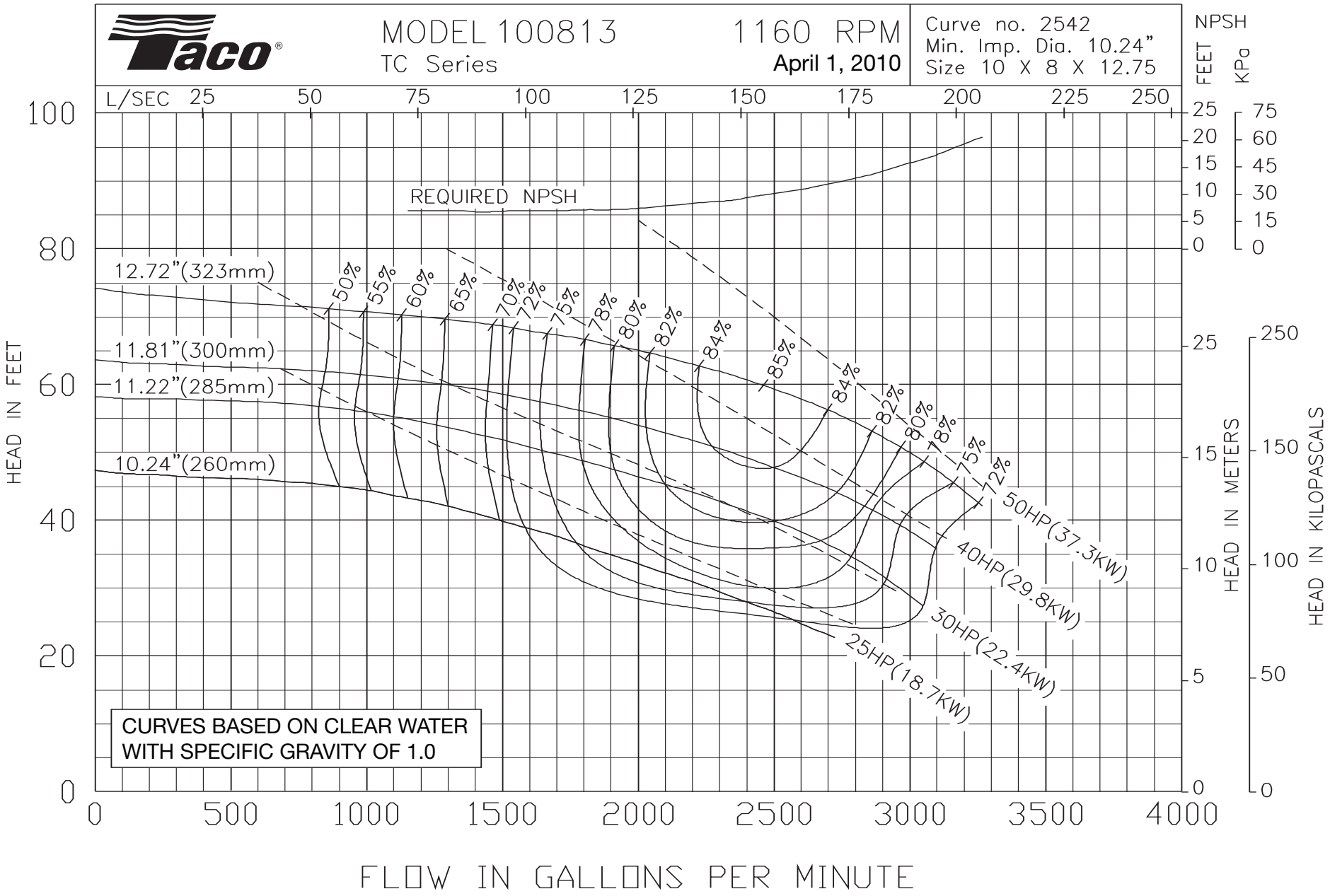

MODEL 080520
TC Series
1160 RPM
January 5, 2010
Curve no. 2527
Min. Imp. Dia. 14.56"
Size 8 X 5 X 18
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
18.0"(458mm)
17.0"(430mm)
15.75"(400mm)
14.56"(370mm)
55%
60%
65%
68%
70%
72%
74%
76%
77%
77.5%
75HP(56.0KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(29.8KW)
25HP(18.6KW)
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

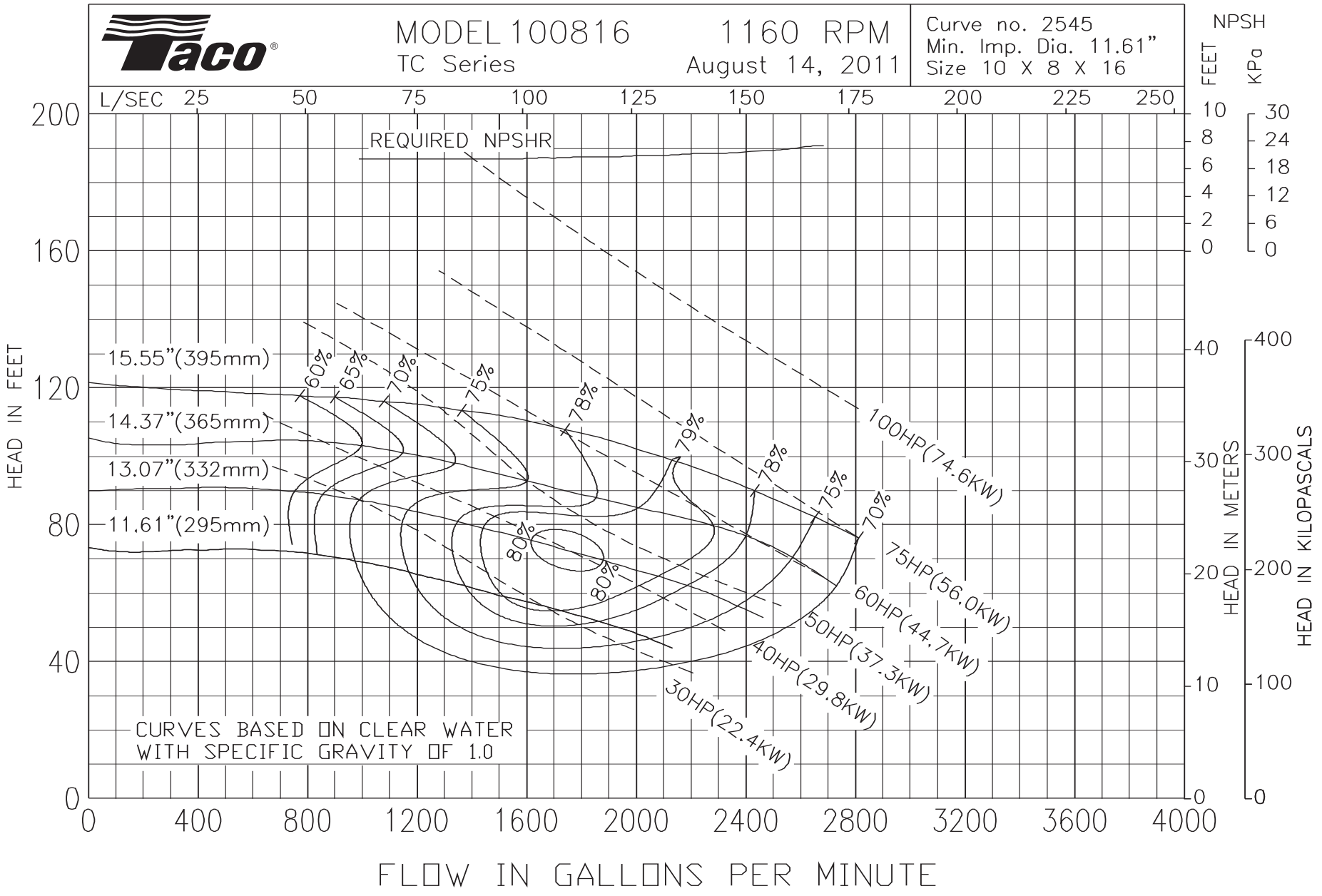

MODEL 080612
TC Series
1160 RPM
April 22, 2010
Curve no. 2530
Min. Imp. Dia. 8.58"
Size 8 X 6 X 12
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
10.63"(270mm)
9.92"(252mm)
9.29"(236mm)
8.58"(218mm)
45%
50%
55%
60%
65%
70%
72%
74%
76%
76.75%
25HP(18.7KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.46KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

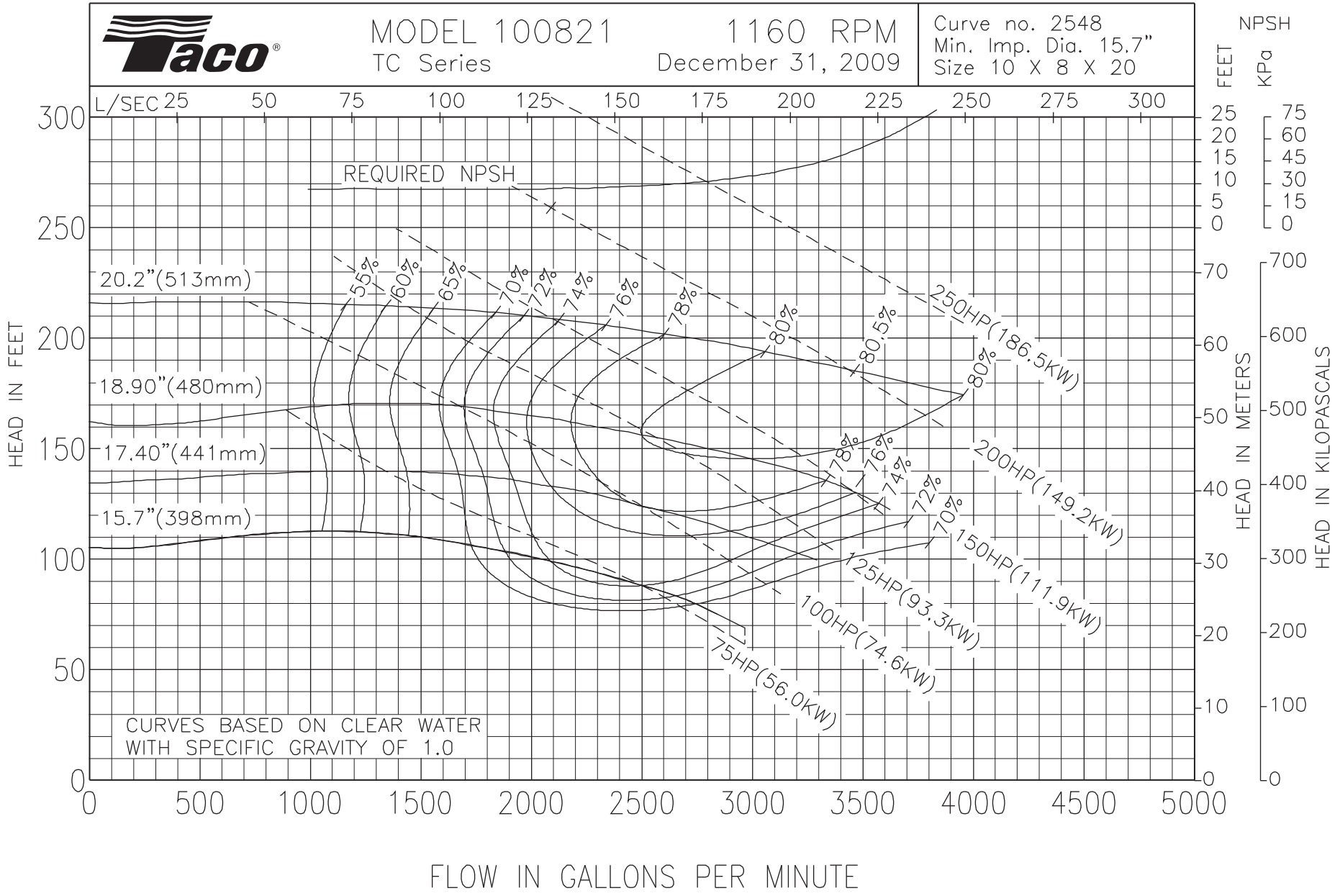

MODEL 080614
TC Series
1160RPM
January 5, 2010
Curve no. 2533
Min. Imp. Dia. 10.2
Size 8 X 6 X 13
L/SEC
REQUIRED NPSH
NPSHR
FEET
KPa
13.2"(334mm)
12.2"(310mm)
11.4"(290mm)
10.2"(258mm)
55%
60%
65%
68%
70%
72%
74%
76%
78%
80%
81%
81.5%
40HP(29.8KW)
30HP(22.4KW)
25HP(18.7KW)
20HP(14.9KW)
15HP(11.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

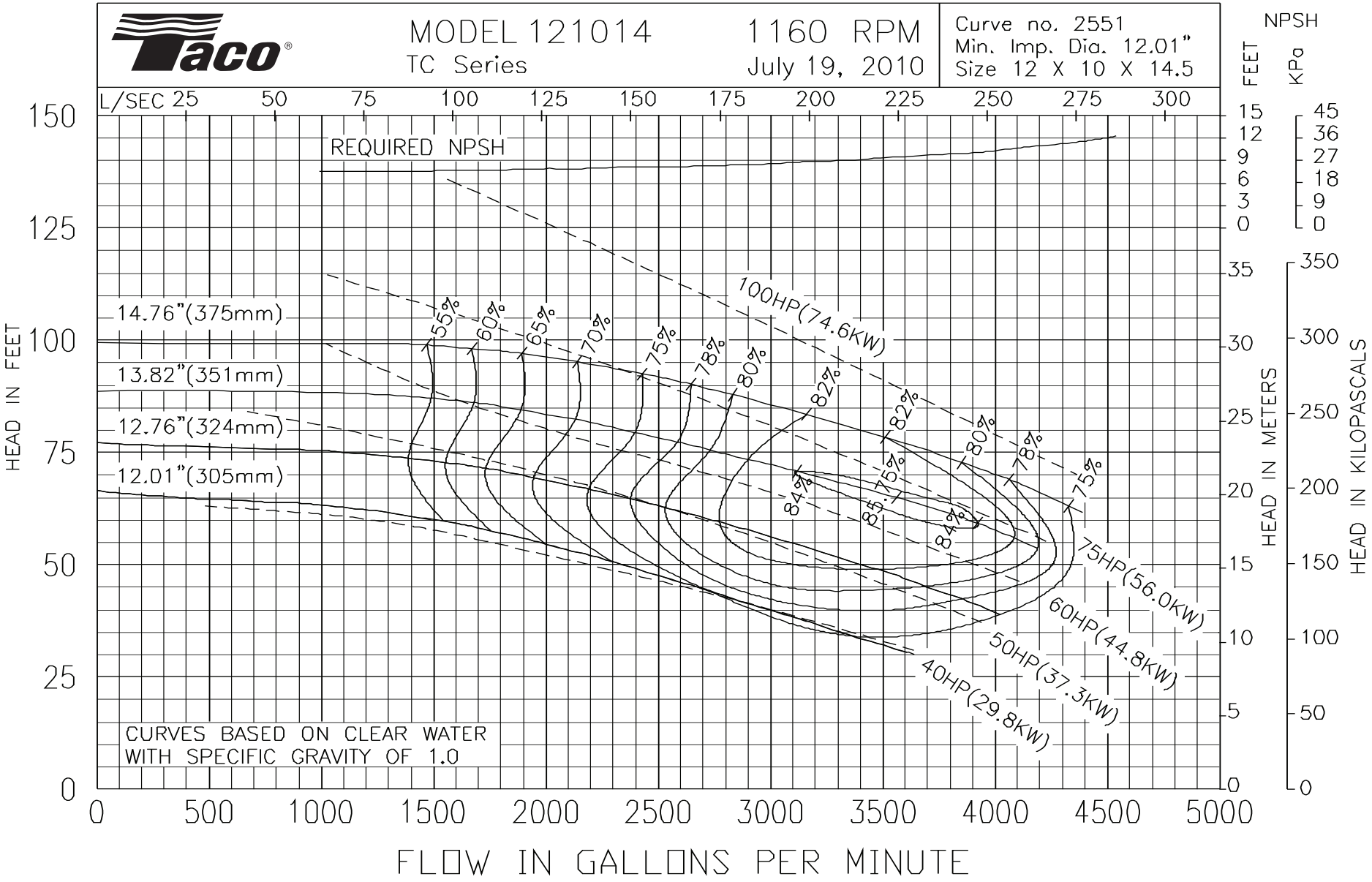

MODEL 080618
TC Series
1160 RPM
April 1, 2010
Curve no. 2536
Min. Imp. Dia. 13.78"
Size 8 X 6 X 18
NPSHR
FEET
KPa
L/SEC 20 40 60 80 100 120 140 160 180 200
REQUIRED NPSH
17.88"(454mm)
16.38"(416mm)
14.88"(378mm)
13.78"(350mm)
60%
65%
65%
70%
72%
74%
76%
78%
79%
78%
76%
74%
72%
70%
68%
100HP(74.6KW)
75HP(55.6KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 400 800 1200 1600 2000 2400 2800 3200
FLOW IN GALLONS PER MINUTE

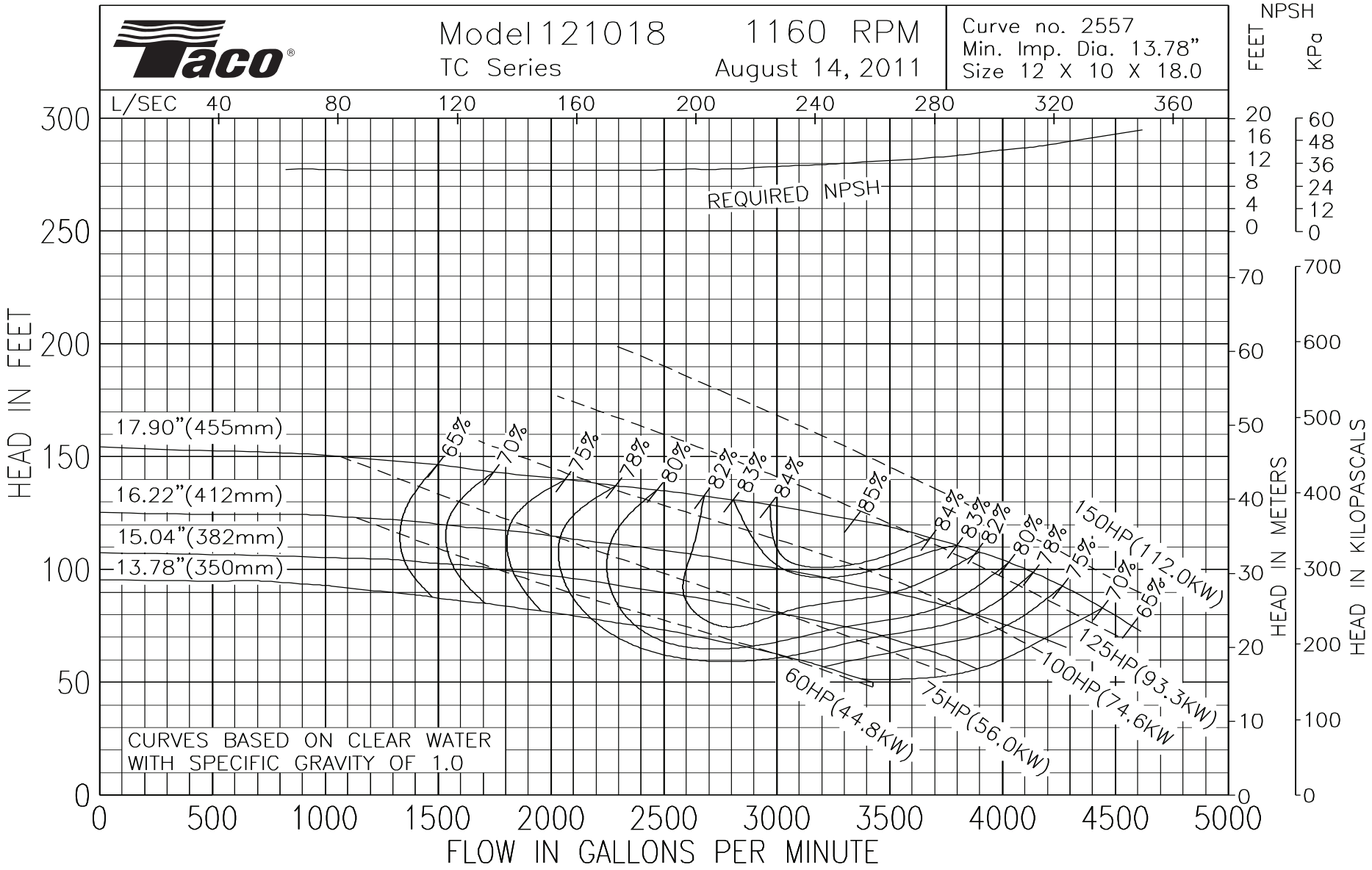

MODEL 080622
TC Series
1160 RPM
August 14, 2011
Curve no. 2539
Min. Imp. Dia. 17.72"
Size 8 X 6 X 22
L/SEC 20 40 60 80 100 120 140 160 180 200 220 240
REQUIRED NPSH
21.57"(548mm)
20.08"(510mm)
18.90"(480mm)
17.72"(450mm)
50%
55%
60%
65%
68%
70%
71%
71.5%
71%
70%
68%
65%
60%
200HP(149.2KW)
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
FLOW IN GALLONS PER MINUTE
NPSH
FEET
KPa
HEAD IN METERS
HEAD IN KILOPASCALS

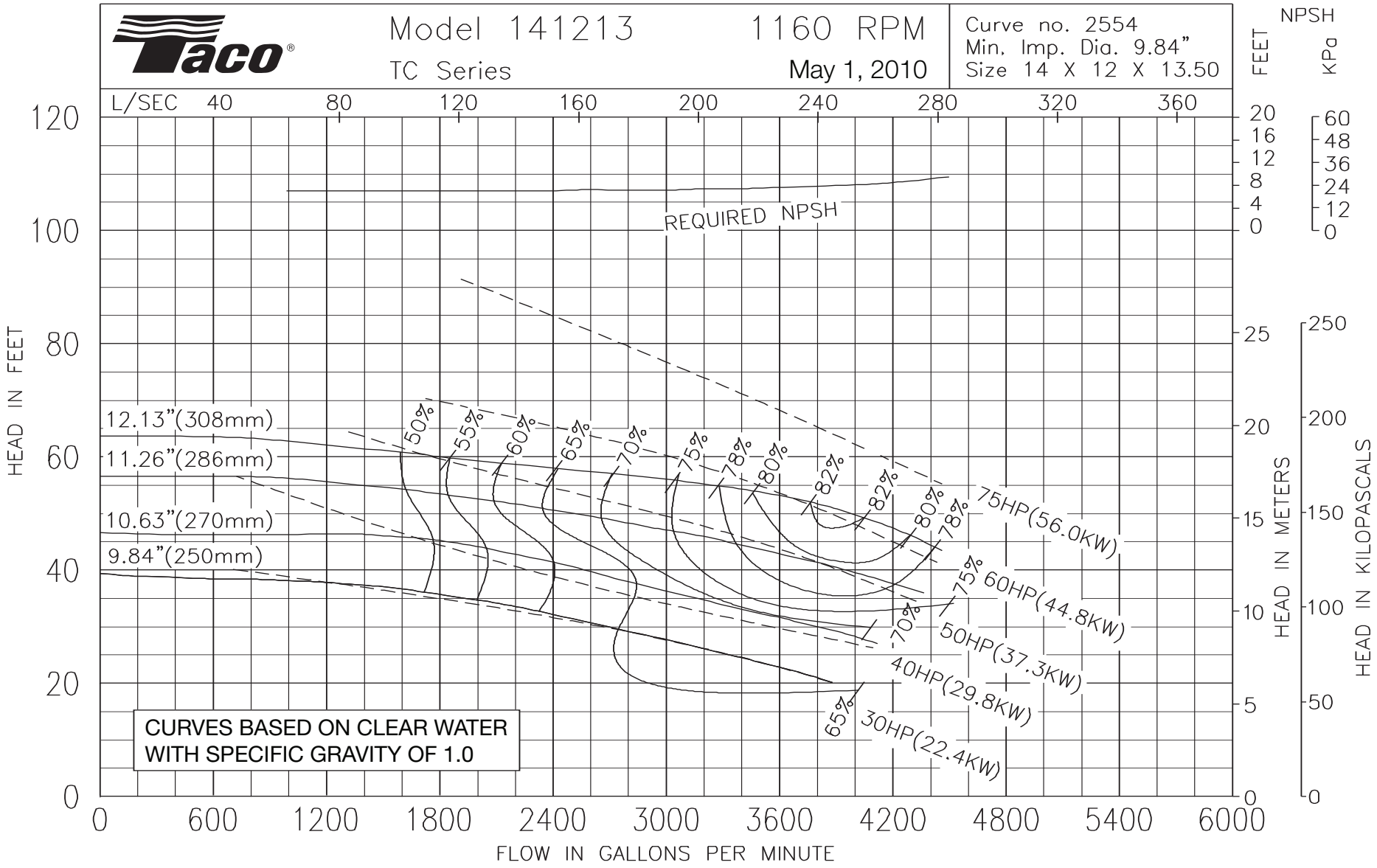

MODEL 100813
TC Series
1160 RPM
April 1, 2010
Curve no. 2542
Min. Imp. Dia. 10.24"
Size 10 X 8 X 12.75
L/SEC
25
50
75
100
125
150
175
200
225
250
NPSH
FEET
KPa
REQUIRED NPSH
12.72"(323mm)
11.81"(300mm)
11.22"(285mm)
10.24"(260mm)
50%
55%
60%
65%
70%
72%
75%
78%
80%
82%
84%
85%
50HP(37.3KW)
40HP(29.8KW)
30HP(22.4KW)
25HP(18.7KW)
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

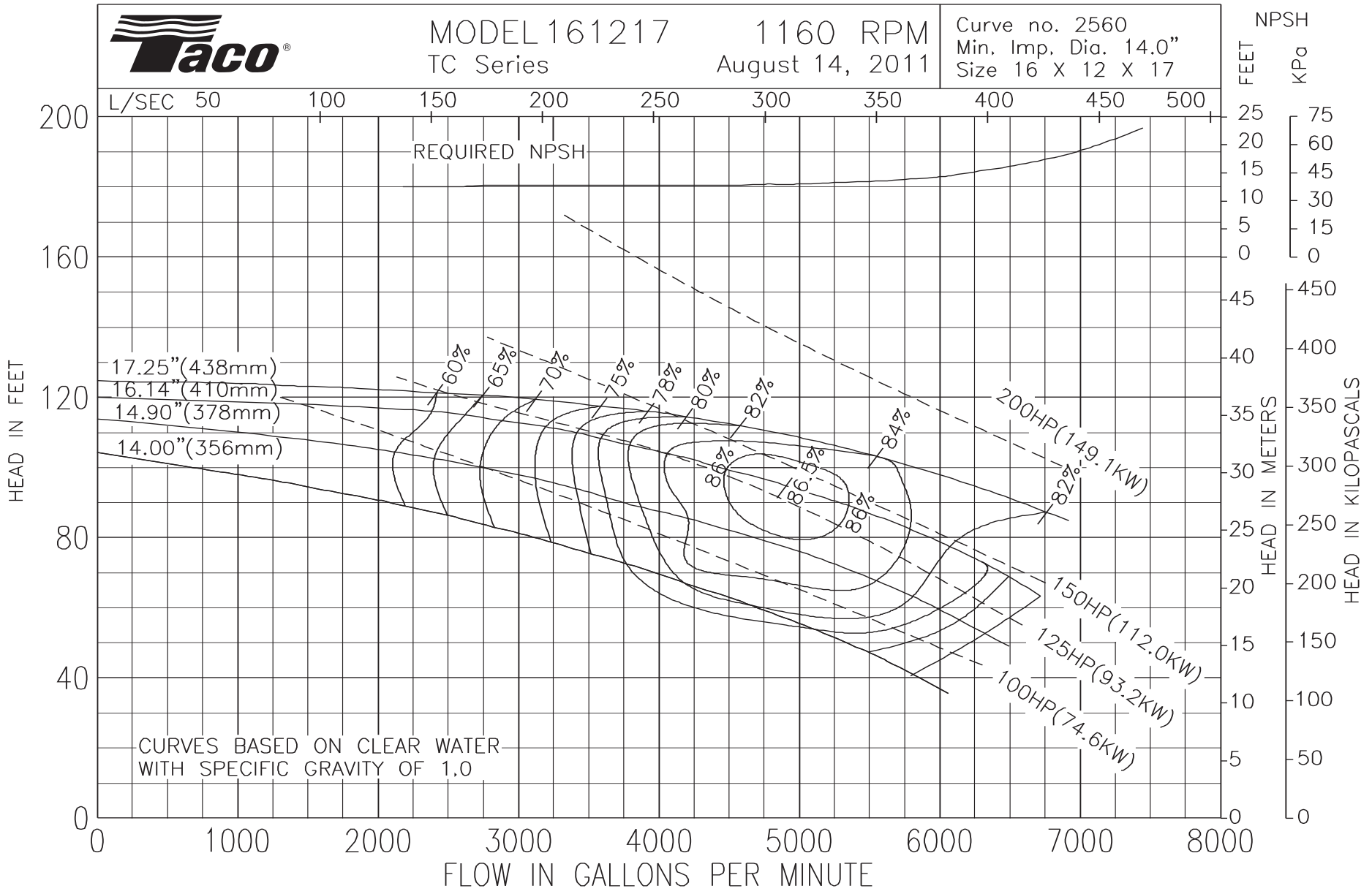

MODEL 100816
TC Series
1160 RPM
August 14, 2011
Curve no. 2545
Min. Imp. Dia. 11.61"
Size 10 X 8 X 16
NPSH
FEET
KPa
L/SEC 25 50 75 100 125 150 175 200 225 250
REQUIRED NPSHR
15.55"(395mm)
14.37"(365mm)
13.07"(332mm)
11.61"(295mm)
60%
65%
70%
75%
78%
79%
80%
100HP(74.6KW)
75HP(56.0KW)
60HP(44.7KW)
50HP(37.3KW)
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

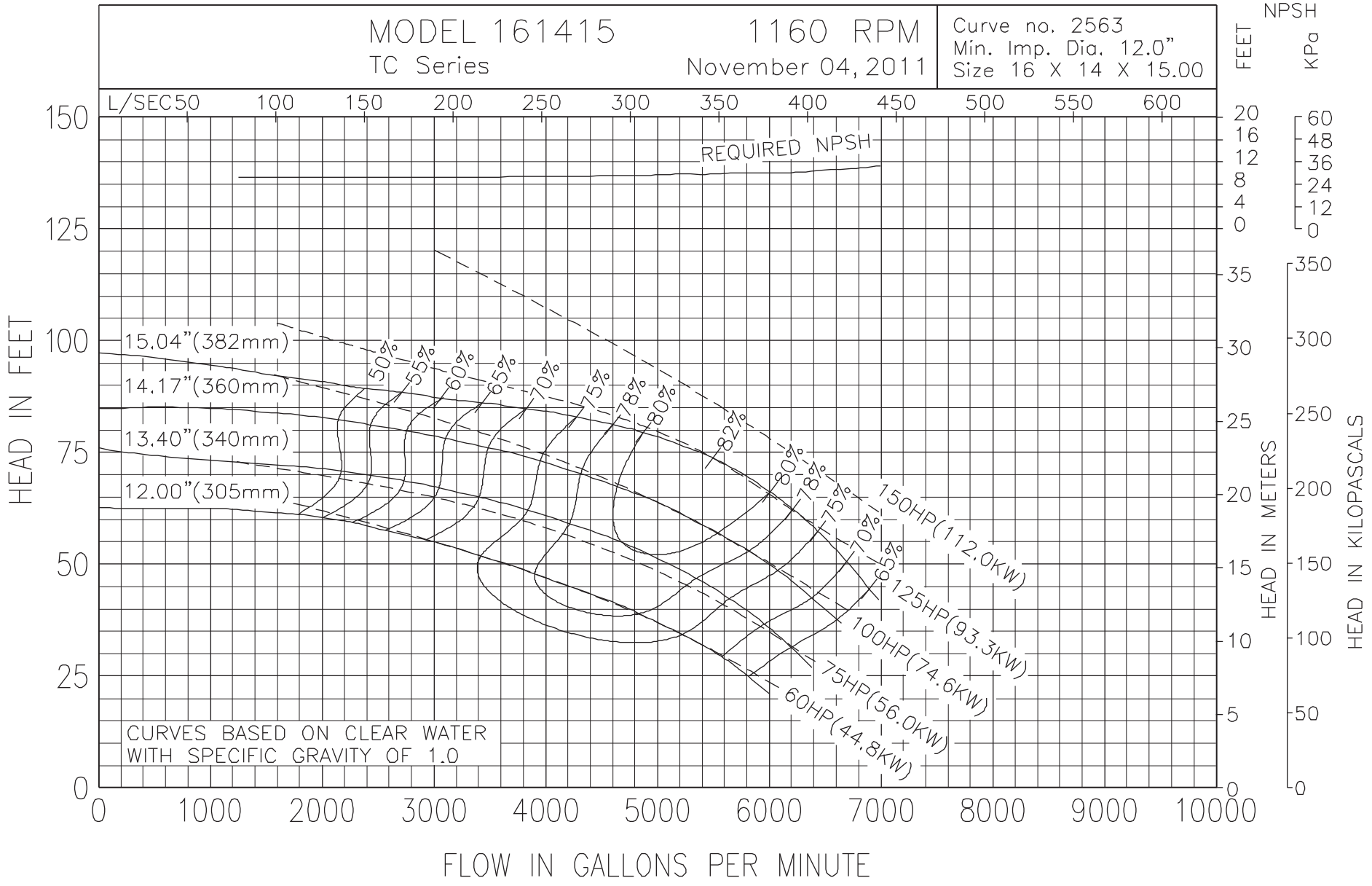

MODEL 100821
TC Series
1160 RPM
December 31, 2009
Curve no. 2548
Min. Imp. Dia. 15.7"
Size 10 X 8 X 20
NPSH
FEET
KPa
L/SEC 25 50 75 100 125 150 175 200 225 250 275 300
REQUIRED NPSH
20.2"(513mm)
18.90"(480mm)
17.40"(441mm)
15.7"(398mm)
55%
60%
65%
70%
72%
74%
76%
78%
80%
80.5%
250HP(186.5KW)
200HP(149.2KW)
150HP(111.9KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
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

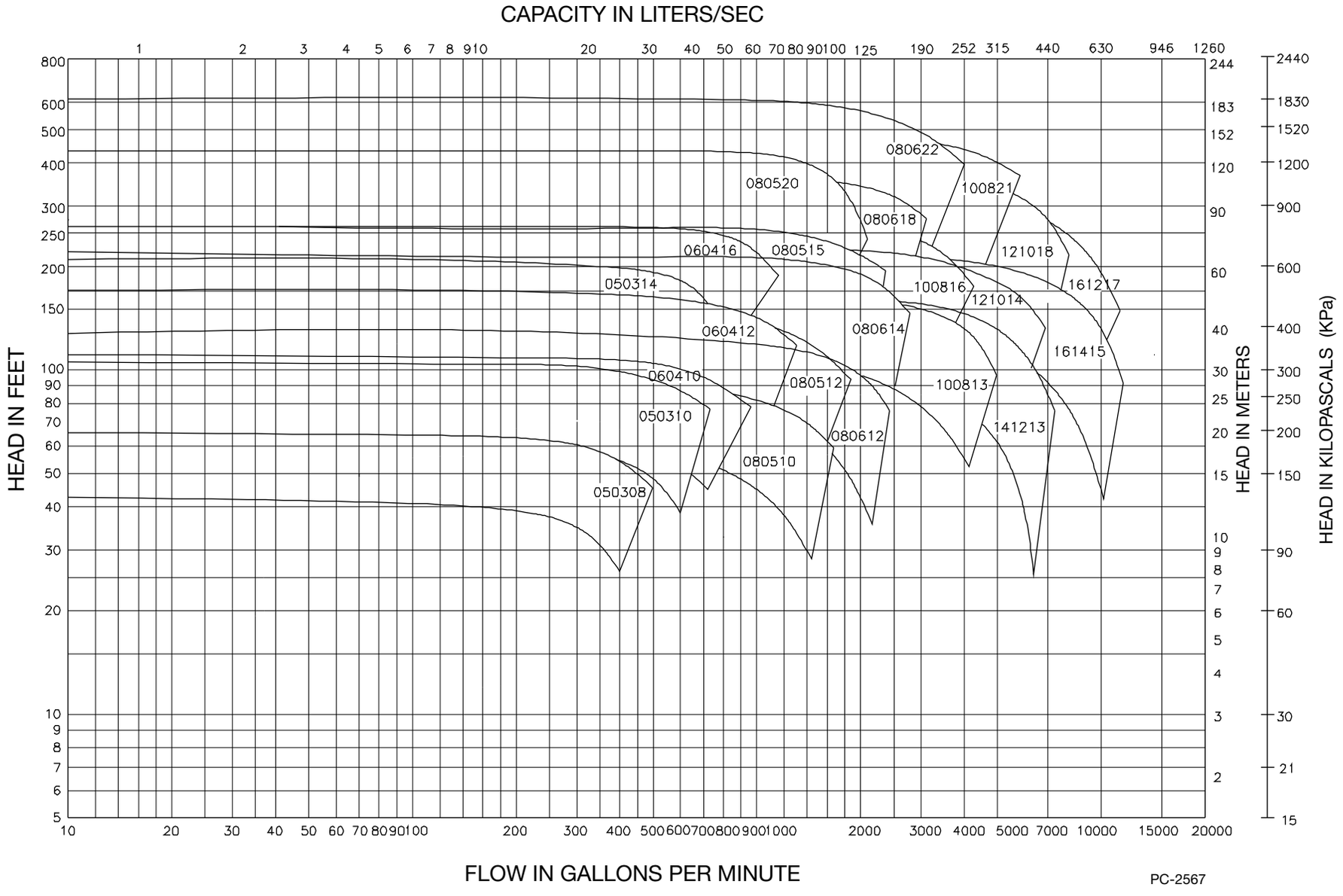

MODEL 121014
TC Series
1160 RPM
July 19, 2010
Curve no. 2551
Min. Imp. Dia. 12.01"
Size 12 X 10 X 14.5
L/SEC 25 50 75 100 125 150 175 200 225 250 275 300
REQUIRED NPSH
14.76"(375mm)
13.82"(351mm)
12.76"(324mm)
12.01"(305mm)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
55%
60%
65%
70%
75%
78%
80%
82%
84%
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
NPSH FEET
NPSH KPa
HEAD IN METERS
HEAD IN KILOPASCALS
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000
FLOW IN GALLONS PER MINUTE


Taco
Model 121018
TC Series
1160 RPM
August 14, 2011
Curve no. 2557
Min. Imp. Dia. 13.78"
Size 12 X 10 X 18.0
NPSH
FEET
KPa
L/SEC
40
80
120
160
200
240
280
320
360
REQUIRED NPSH
17.90"(455mm)
16.22"(412mm)
15.04"(382mm)
13.78"(350mm)
65%
70%
75%
78%
80%
82%
83%
84%
85%
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
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

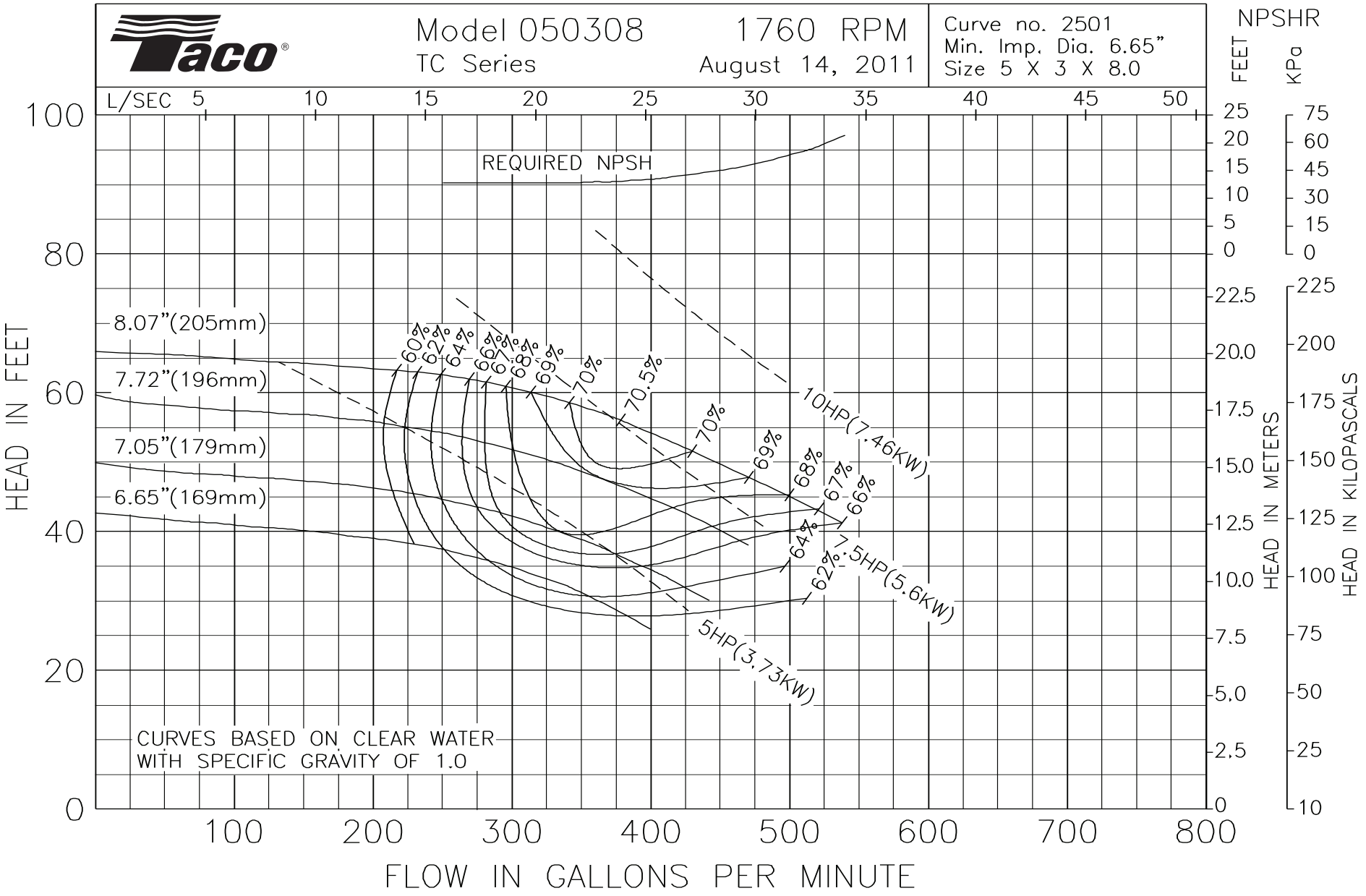

Taco
Model 141213
TC Series
1160 RPM
May 1, 2010
Curve no. 2554
Min. Imp. Dia. 9.84"
Size 14 X 12 X 13.50
L/SEC
40
80
120
160
200
240
280
320
360
FEET
NPSH
KPa
REQUIRED NPSH
12.13"(308mm)
11.26"(286mm)
10.63"(270mm)
9.84"(250mm)
50%
55%
60%
65%
70%
75%
78%
80%
82%
75HP(56.0KW)
60HP(44.8KW)
50HP(37.3KW)
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

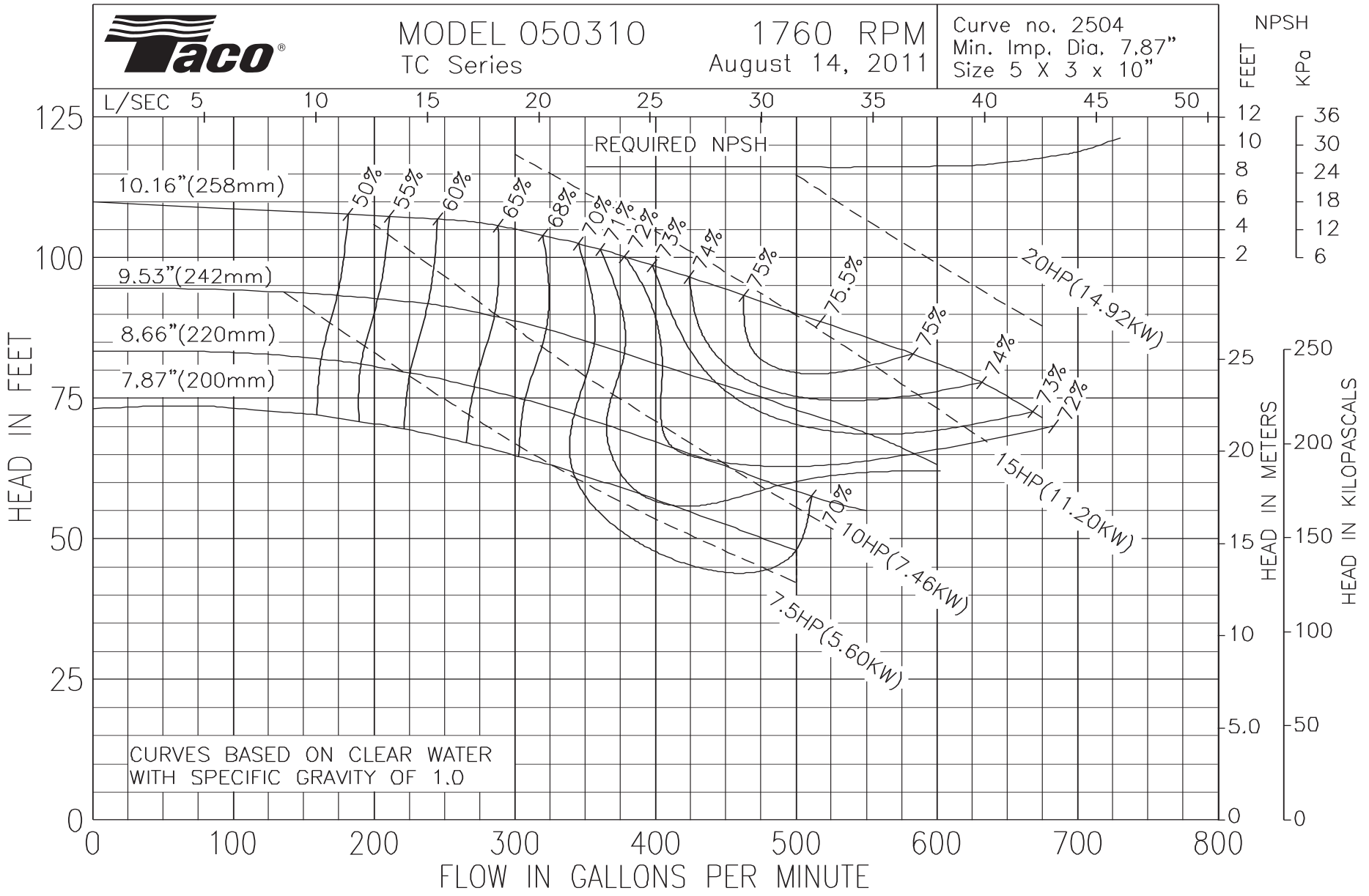

MODEL 161217
TC Series
1160 RPM
August 14, 2011
Curve no. 2560
Min. Imp. Dia. 14.0"
Size 16 X 12 X 17
NPSH
FEET
KPa
L/SEC 50 100 150 200 250 300 350 400 450 500
REQUIRED NPSH
17.25"(438mm)
16.14"(410mm)
14.90"(378mm)
14.00"(356mm)
60%
65%
70%
75%
78%
80%
82%
84%
86%
86.5%
85%
82%
200HP(149.1KW)
150HP(112.0KW)
125HP(93.2KW)
100HP(74.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 1000 2000 3000 4000 5000 6000 7000 8000
FLOW IN GALLONS PER MINUTE

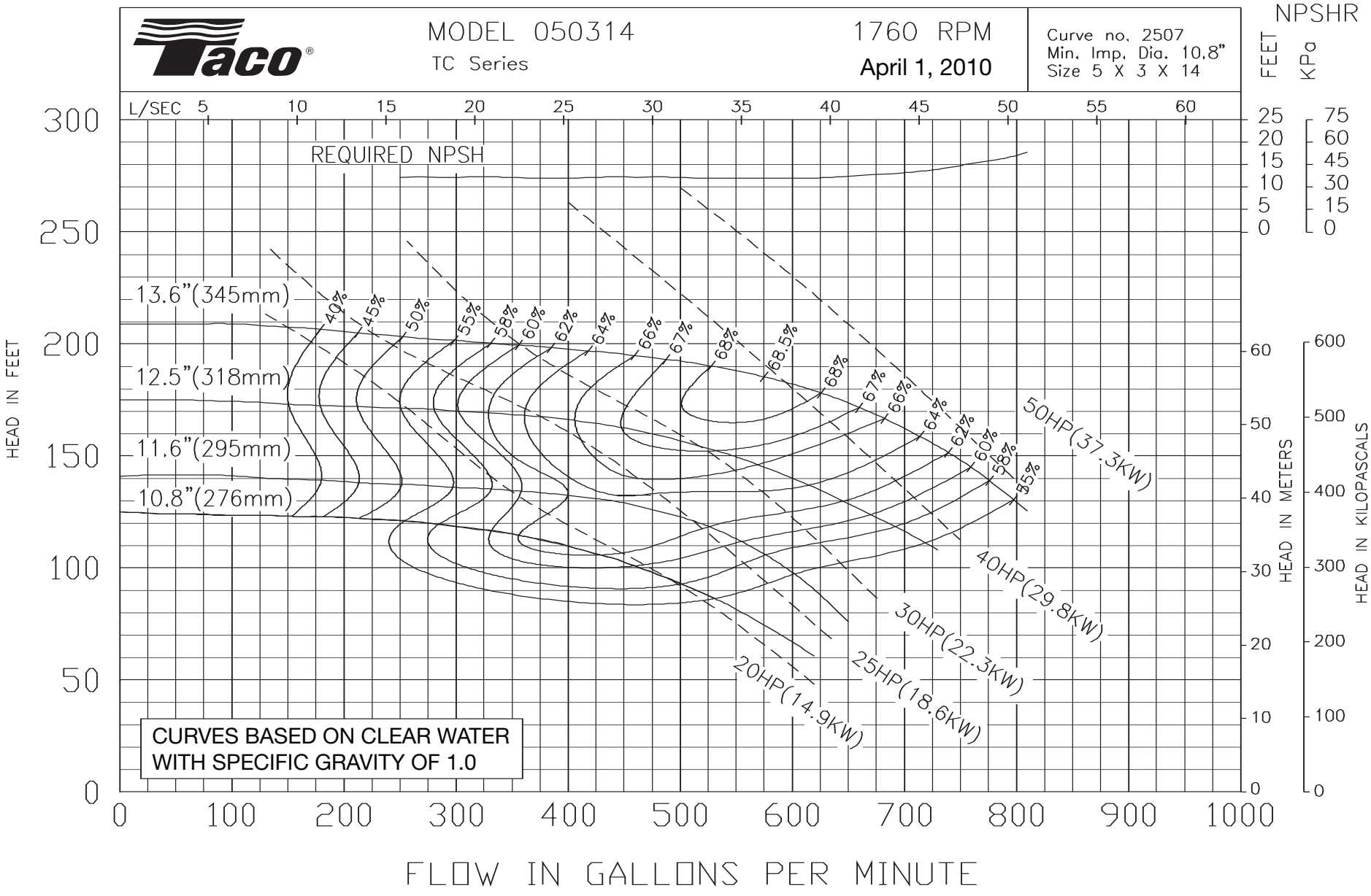

MODEL 161415
TC Series
1160 RPM
November 04, 2011
Curve no. 2563
Min. Imp. Dia. 12.0"
Size 16 X 14 X 15.00
L/SEC
FEET
NPSH
KPa
REQUIRED NPSH
15.04"(382mm)
14.17"(360mm)
13.40"(340mm)
12.00"(305mm)
50%
55%
60%
65%
70%
75%
78%
80%
82%
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
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

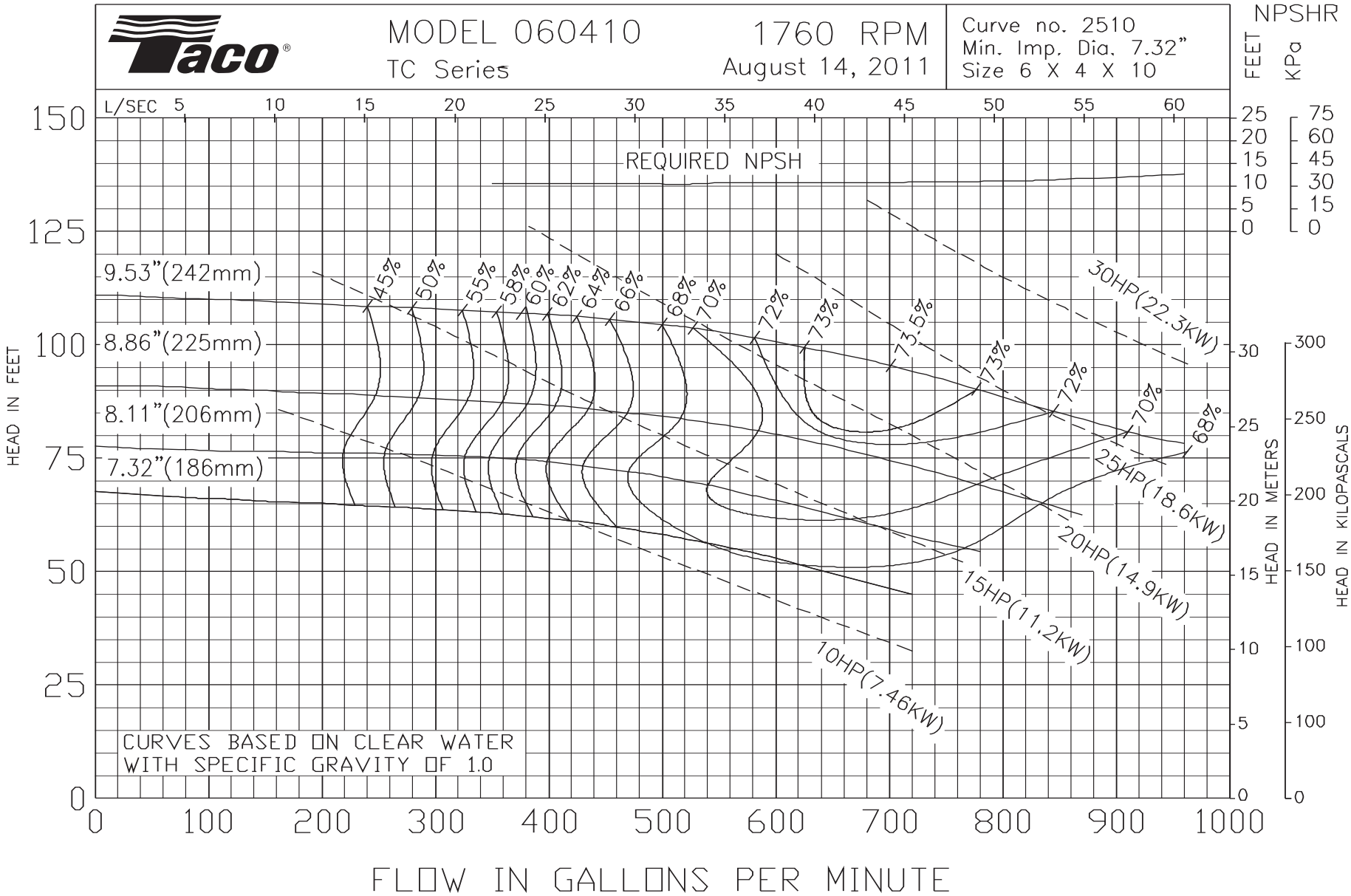


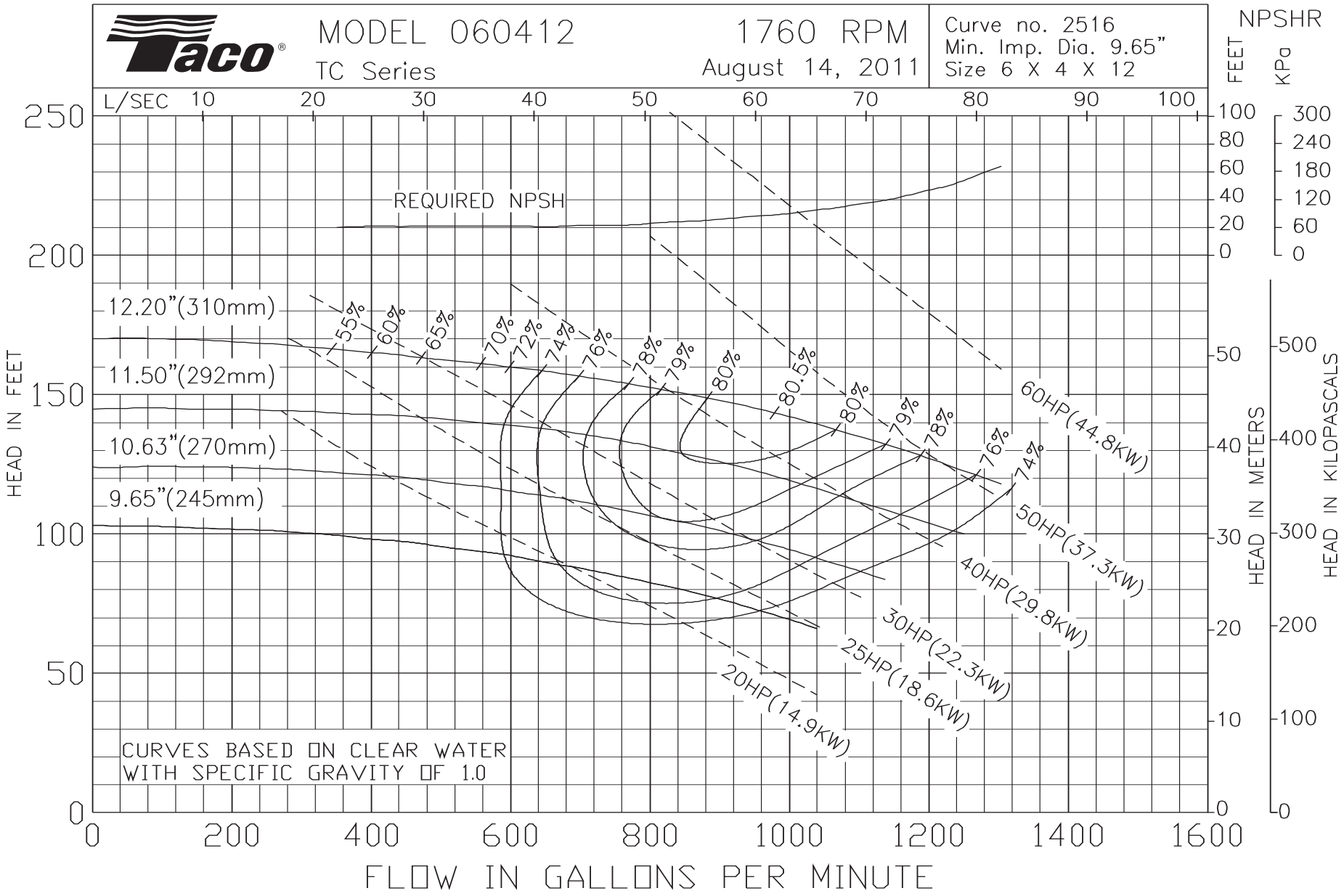
TC QUICK SELECTION CURVE – 1760 RPM

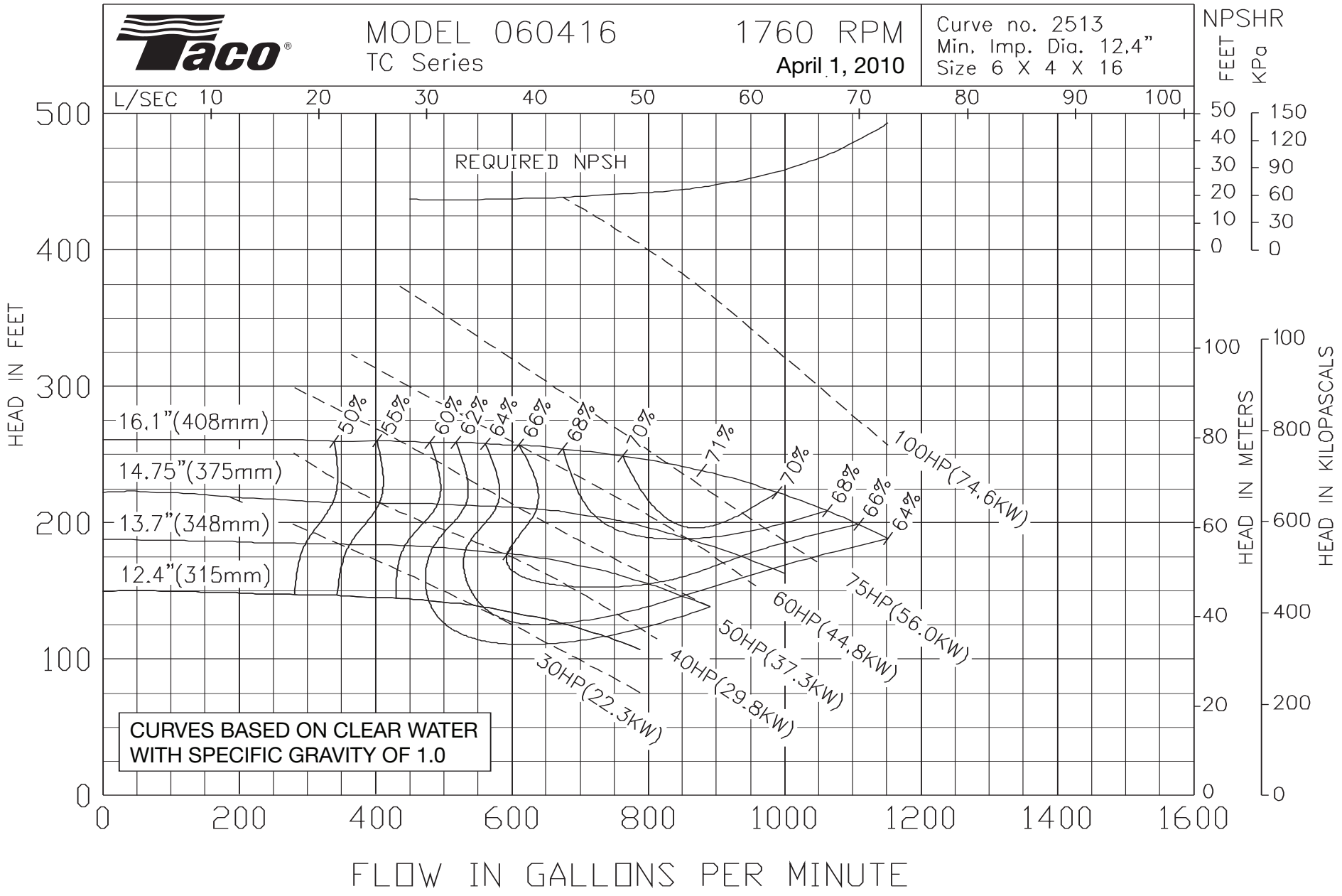

Taco
Model 050308
TC Series
1760 RPM
August 14, 2011
Curve no. 2501
Min. Imp. Dia. 6.65"
Size 5 X 3 X 8.0
NPSHR
FEET
KPa
L/SEC 5 10 15 20 25 30 35 40 45 50
REQUIRED NPSH
8.07"(205mm)
7.72"(196mm)
7.05"(179mm)
6.65"(169mm)
60%
62%
64%
66%
67%
68%
69%
70%
70.5%
10HP(7.46KW)
7.5HP(5.6KW)
5HP(3.73KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

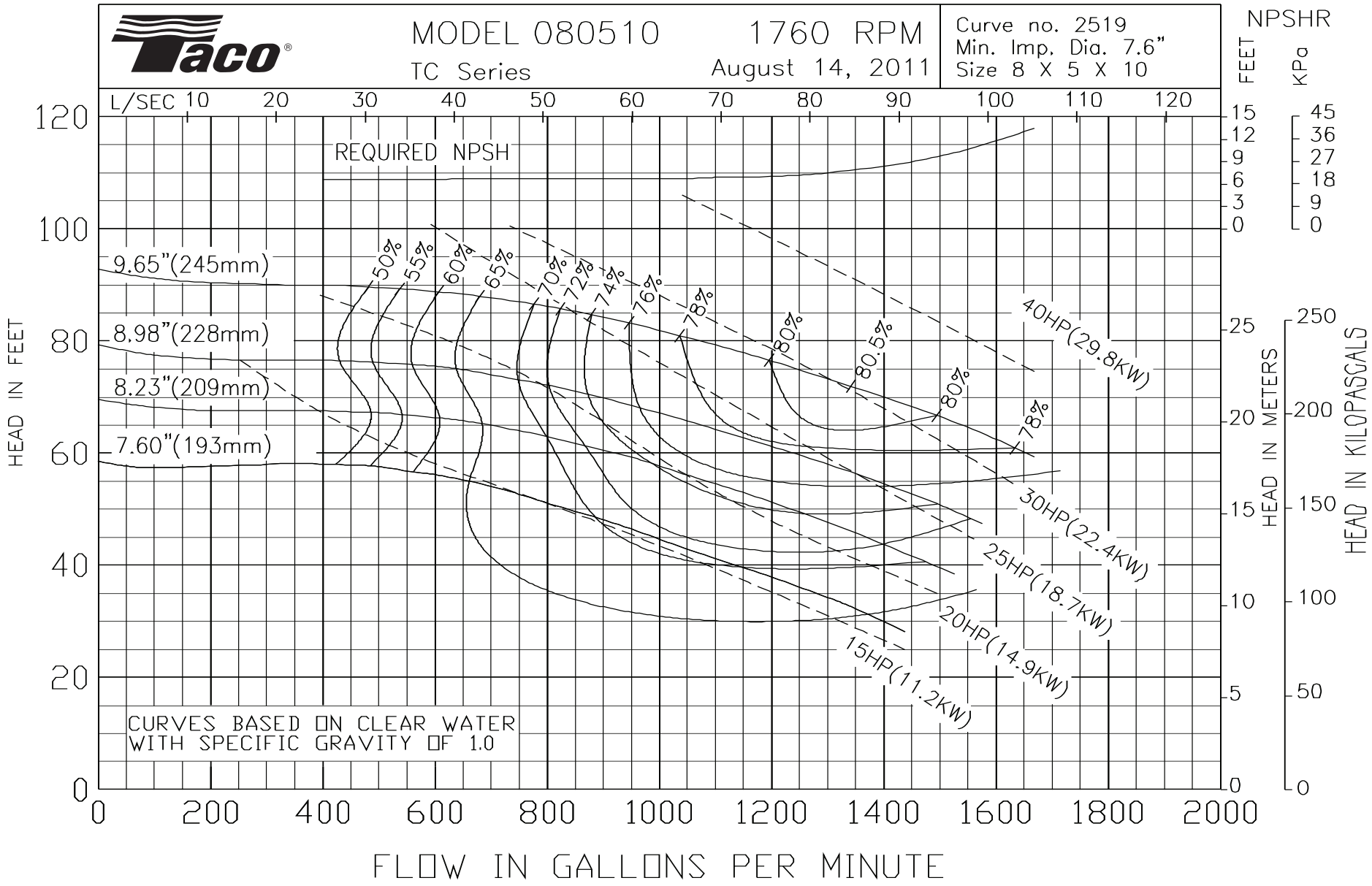

MODEL 050310
TC Series
1760 RPM
August 14, 2011
Curve no. 2504
Min. Imp. Dia. 7.87"
Size 5 X 3 x 10"
L/SEC 5 10 15 20 25 30 35 40 45 50
NPSH
FEET
KPa
REQUIRED NPSH
10.16"(258mm)
9.53"(242mm)
8.66"(220mm)
7.87"(200mm)
50%
55%
60%
65%
68%
70%
71.4%
72%
73%
74%
75%
75.5%
20HP(14.92KW)
15HP(11.20KW)
10HP(7.46KW)
7.5HP(5.60KW)
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
0 100 200 300 400 500 600 700 800
0 25 50 75 100 125
0 5.0 10 15 20 25
0 50 100 150 200 250
0 6 12 18 24 30 36
0 2 4 6 8 10 12

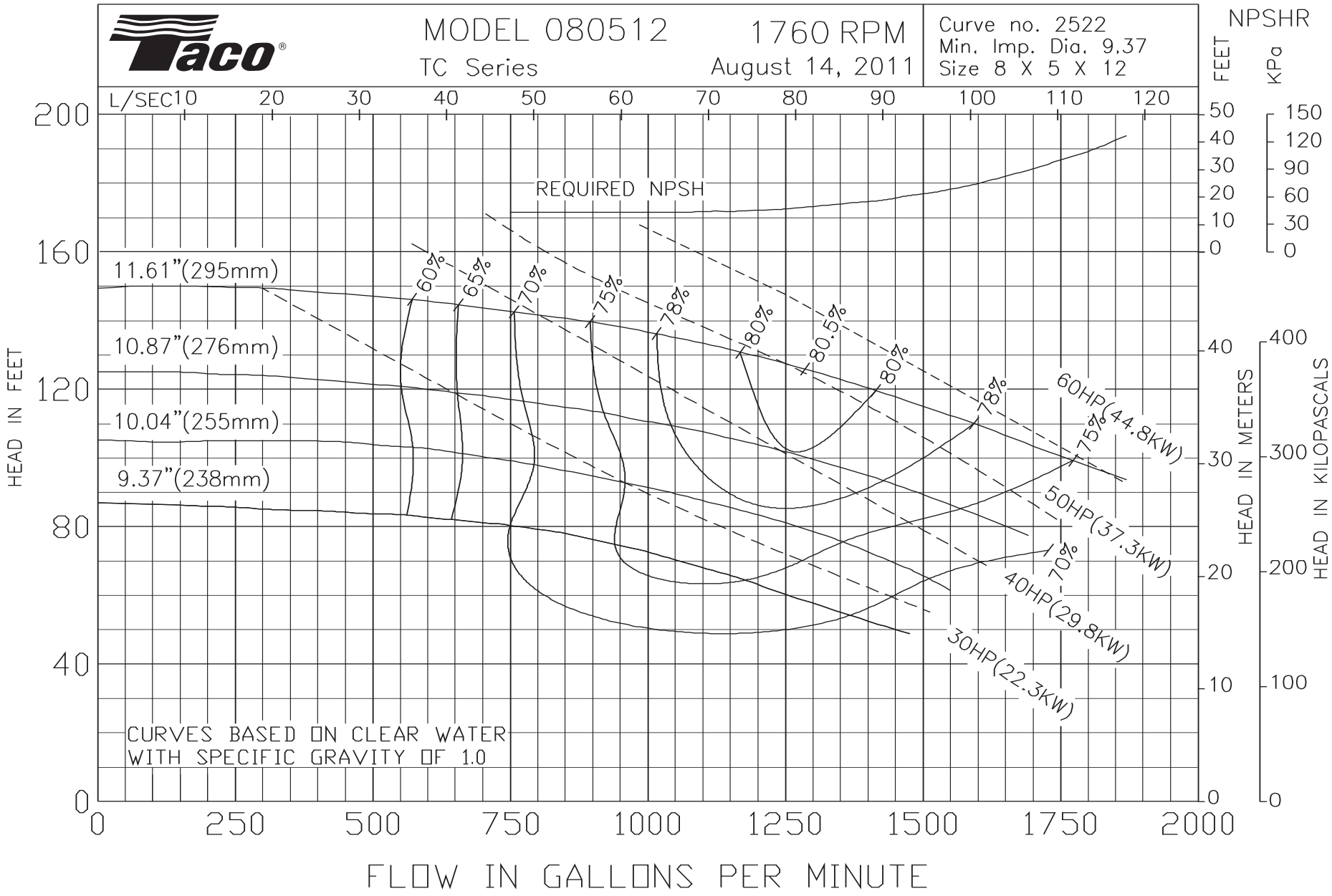

MODEL 050314
TC Series
1760 RPM
April 1, 2010
Curve no. 2507
Min. Imp. Dia. 10.8"
Size 5 X 3 X 14
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
13.6"(345mm)
12.5"(318mm)
11.6"(295mm)
10.8"(276mm)
40%
45%
50%
55%
58%
60%
62%
64%
66%
67%
68%
68.5%
50HP(37.3KW)
40HP(29.8KW)
30HP(22.3KW)
25HP(18.6KW)
20HP(14.9KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE

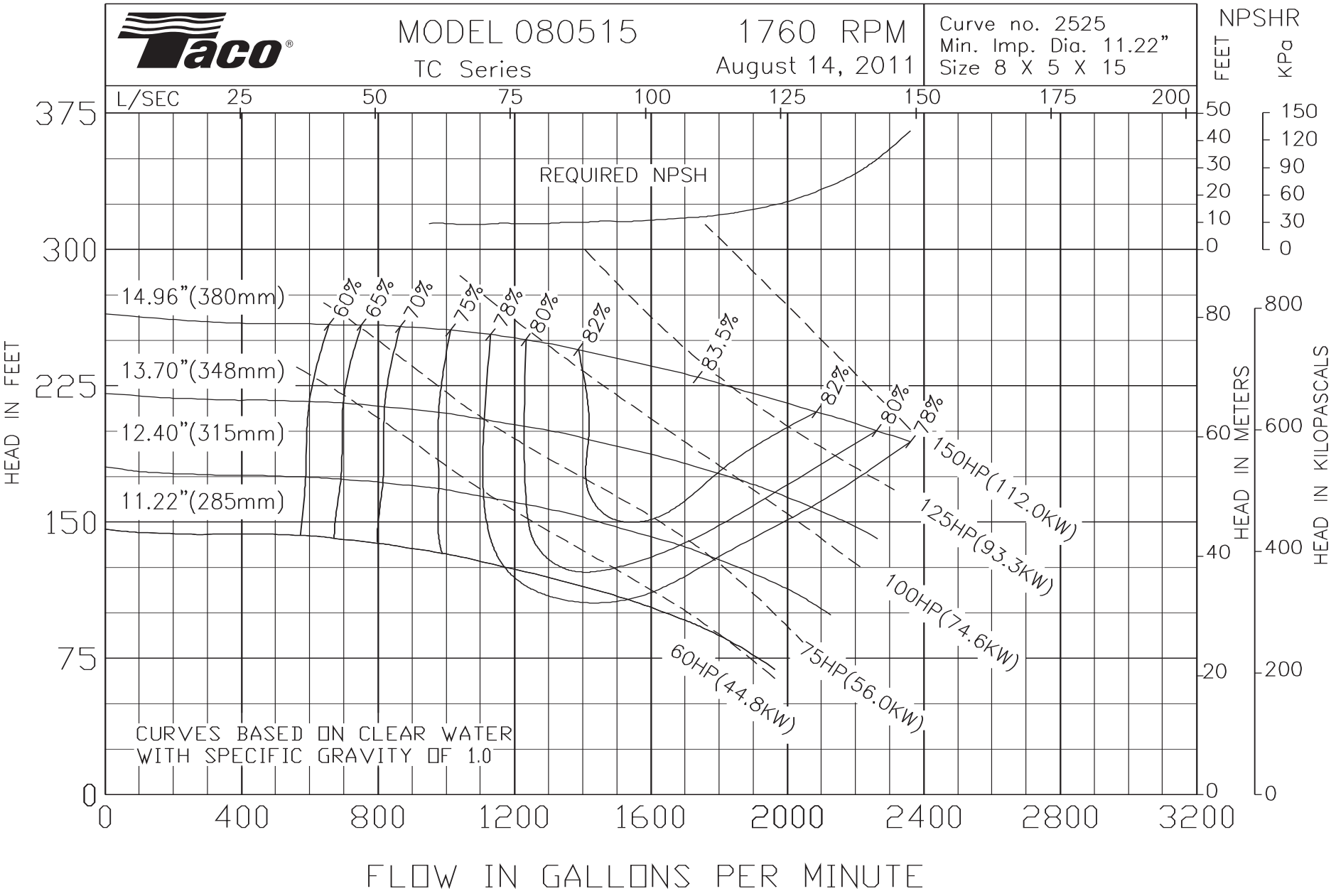

MODEL 060410
TC Series
1760 RPM
August 14, 2011
Curve no. 2510
Min. Imp. Dia. 7.32"
Size 6 X 4 X 10
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
9.53"(242mm)
8.86"(225mm)
8.11"(206mm)
7.32"(186mm)
45%
50%
55%
58%
60%
62%
64%
66%
68%
70%
72%
73%
73.5%
30HP(22.3KW)
25HP(18.6KW)
20HP(14.9KW)
15HP(11.2KW)
10HP(7.46KW)
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

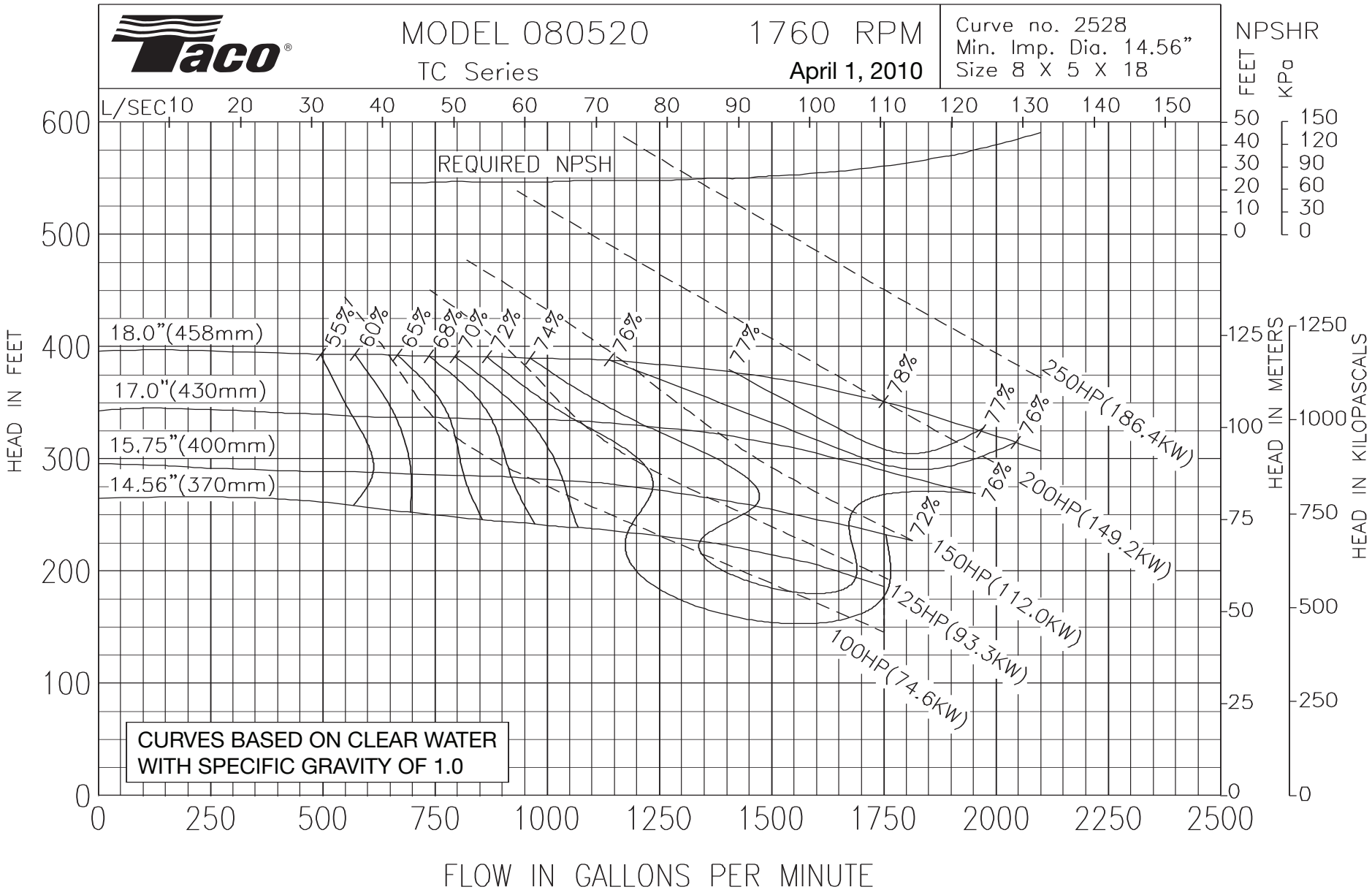

MODEL 060412
TC Series
1760 RPM
August 14, 2011
Curve no. 2516
Min. Imp. Dia. 9.65"
Size 6 X 4 X 12
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
12.20"(310mm)
11.50"(292mm)
10.63"(270mm)
9.65"(245mm)
55%
60%
65%
70%
72%
74%
76%
78%
79%
80%
80.5%
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.3KW)
25HP(18.6KW)
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

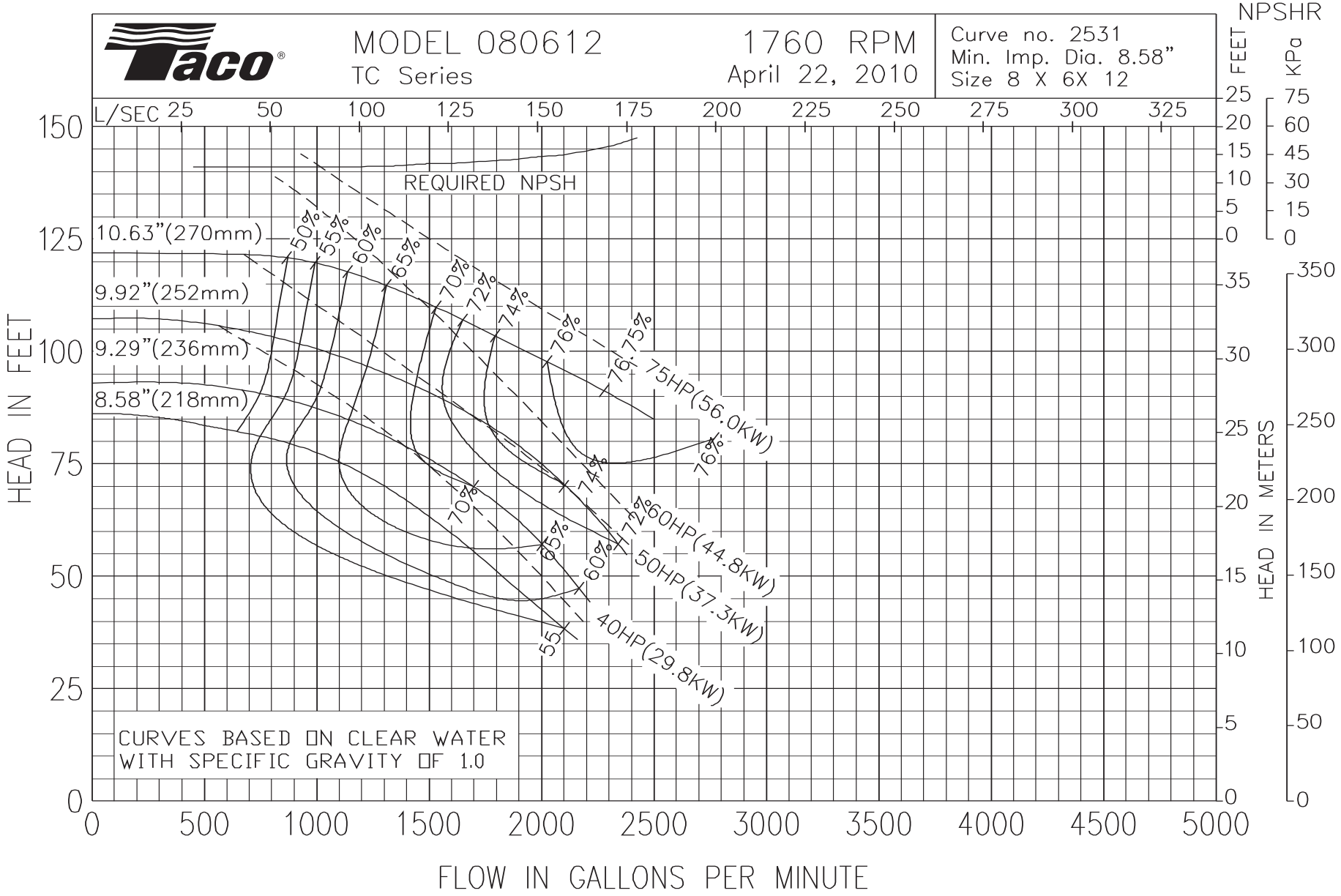

MODEL 060416
TC Series
1760 RPM
April 1, 2010
Curve no. 2513
Min. Imp. Dia. 12.4"
Size 6 X 4 X 16
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
16.1"(408mm)
14.75"(375mm)
13.7"(348mm)
12.4"(315mm)
50%
55%
60%
62%
64%
66%
68%
70%
71%
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.3KW)
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

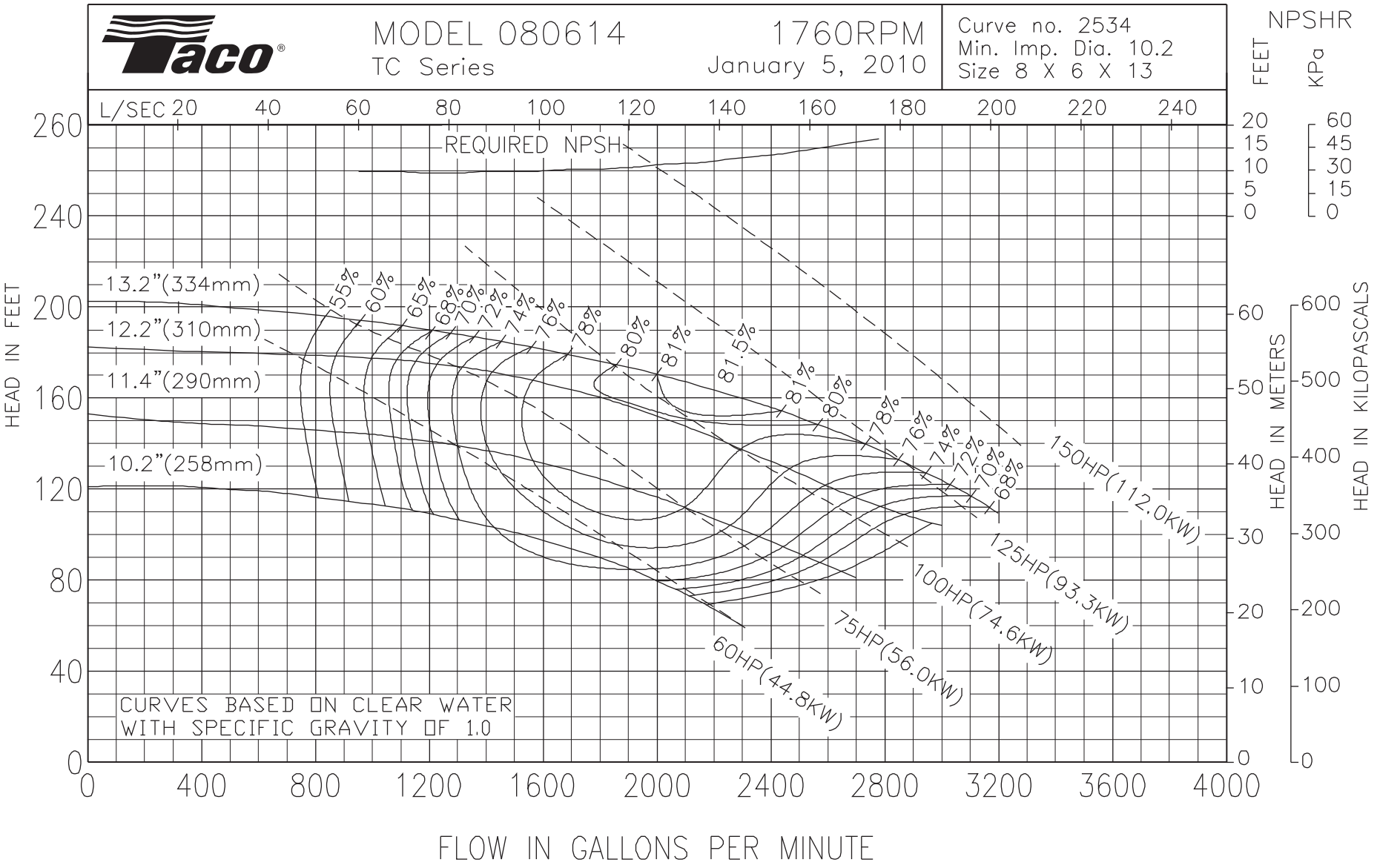

MODEL 080510
1760 RPM
TC Series
August 14, 2011
Curve no. 2519
Min. Imp. Dia. 7.6"
Size 8 X 5 X 10
L/SEC 10 20 30 40 50 60 70 80 90 100 110 120
REQUIRED NPSH
NPSHR
FEET
KPa
9.65"(245mm)
8.98"(228mm)
8.23"(209mm)
7.60"(193mm)
50%
55%
60%
65%
70%
72%
74%
76%
78%
80%
80.5%
80%
78%
40HP(29.8KW)
30HP(22.4KW)
25HP(18.7KW)
20HP(14.9KW)
15HP(11.2KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 200 400 600 800 1000 1200 1400 1600 1800 2000
FLOW IN GALLONS PER MINUTE

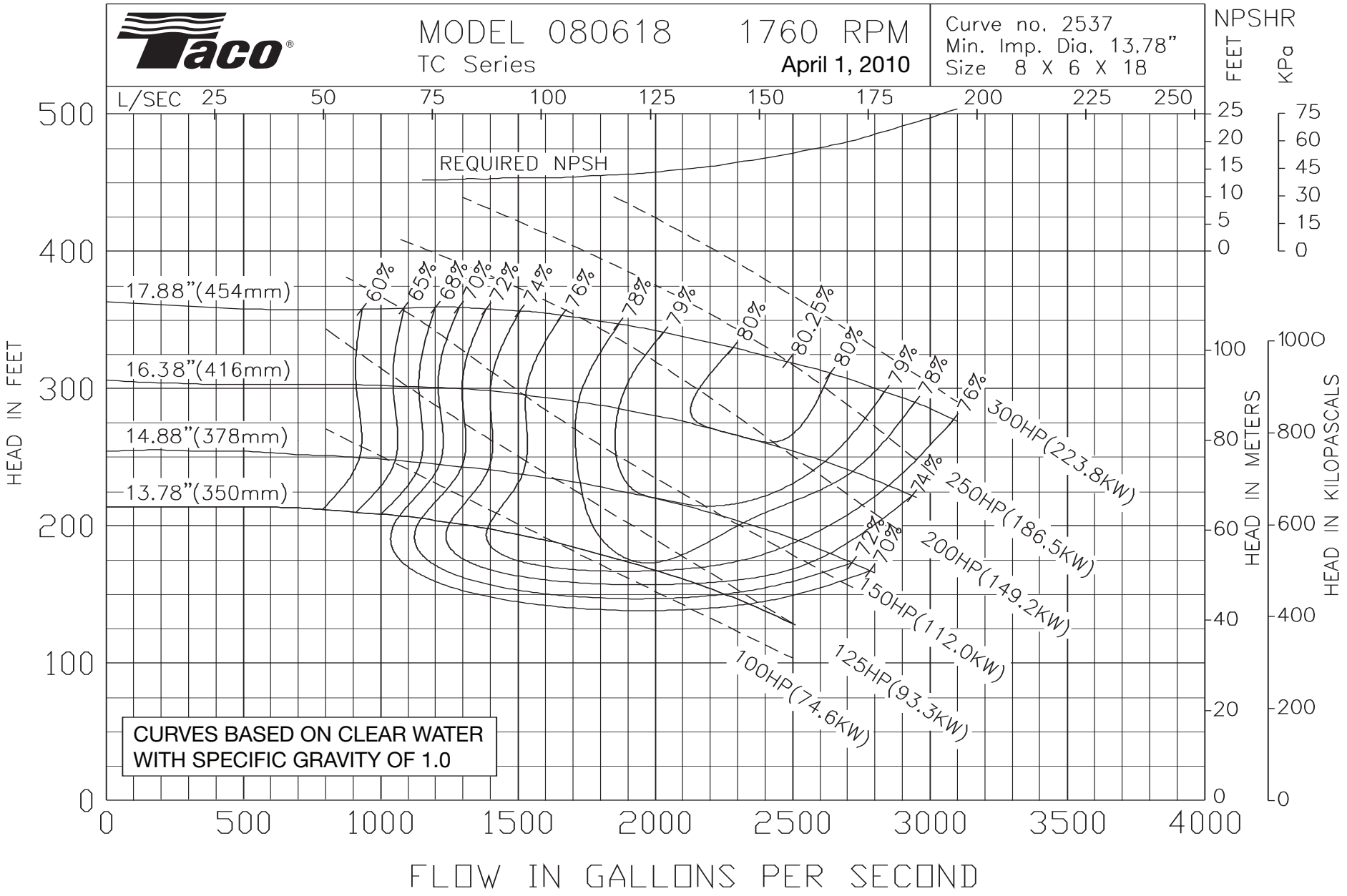

MODEL 080512
1760 RPM
TC Series
August 14, 2011
Curve no. 2522
Min. Imp. Dia. 9.37
Size 8 X 5 X 12
L/SEC
10
20
30
40
50
60
70
80
90
100
110
120
NPSHR
FEET
KPa
REQUIRED NPSH
11.61"(295mm)
10.87"(276mm)
10.04"(255mm)
9.37"(238mm)
60%
65%
70%
75%
78%
80%
80.5%
80%
78%
75%
70%
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
30HP(22.3KW)
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

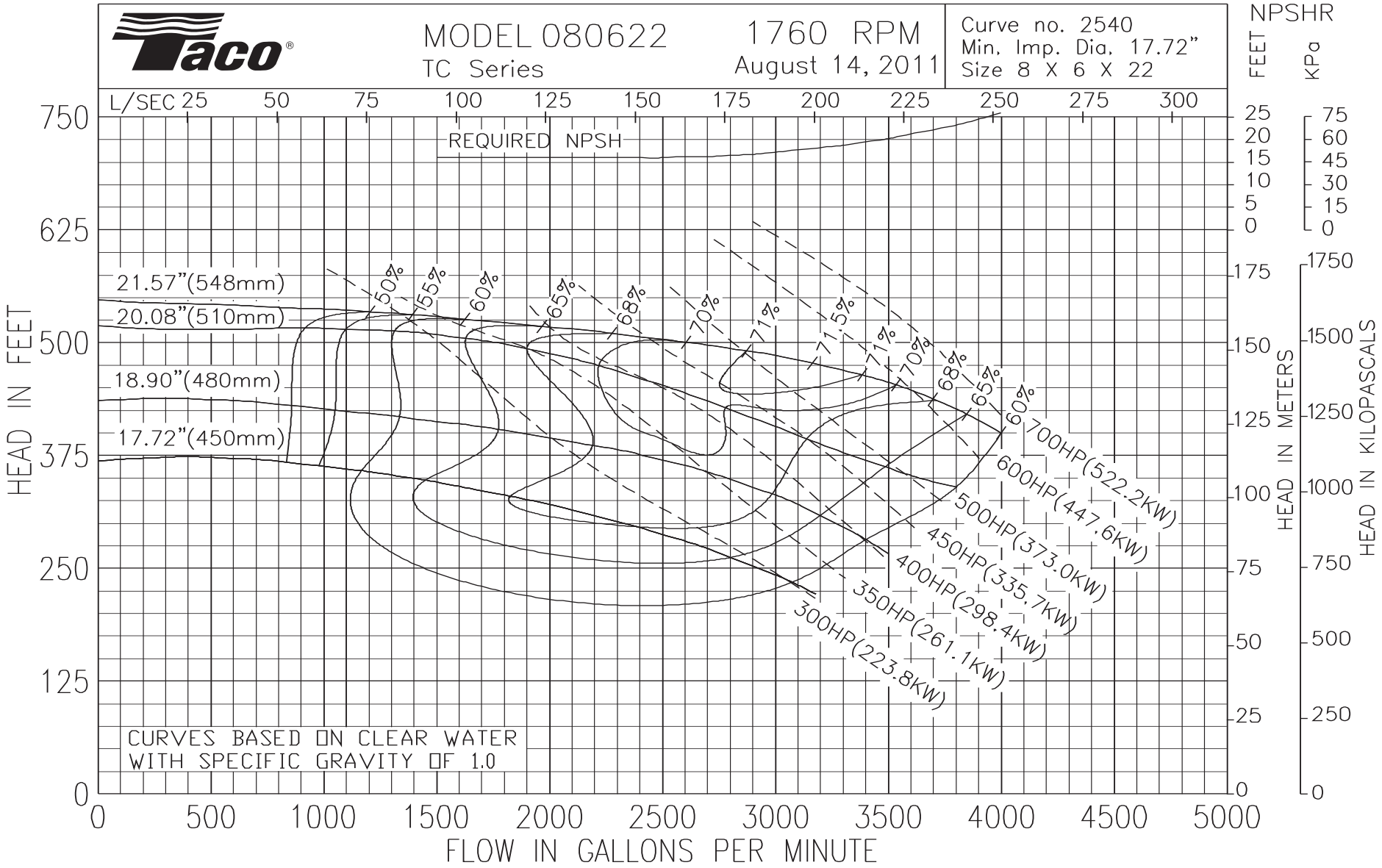

MODEL 080515
TC Series
1760 RPM
August 14, 2011
Curve no. 2525
Min. Imp. Dia. 11.22"
Size 8 X 5 X 15
NPSHR
FEET
KPa
L/SEC
25
50
75
100
125
150
175
200
REQUIRED NPSH
14.96"(380mm)
13.70"(348mm)
12.40"(315mm)
11.22"(285mm)
60%
65%
70%
75%
78%
80%
82%
83.5%
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
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

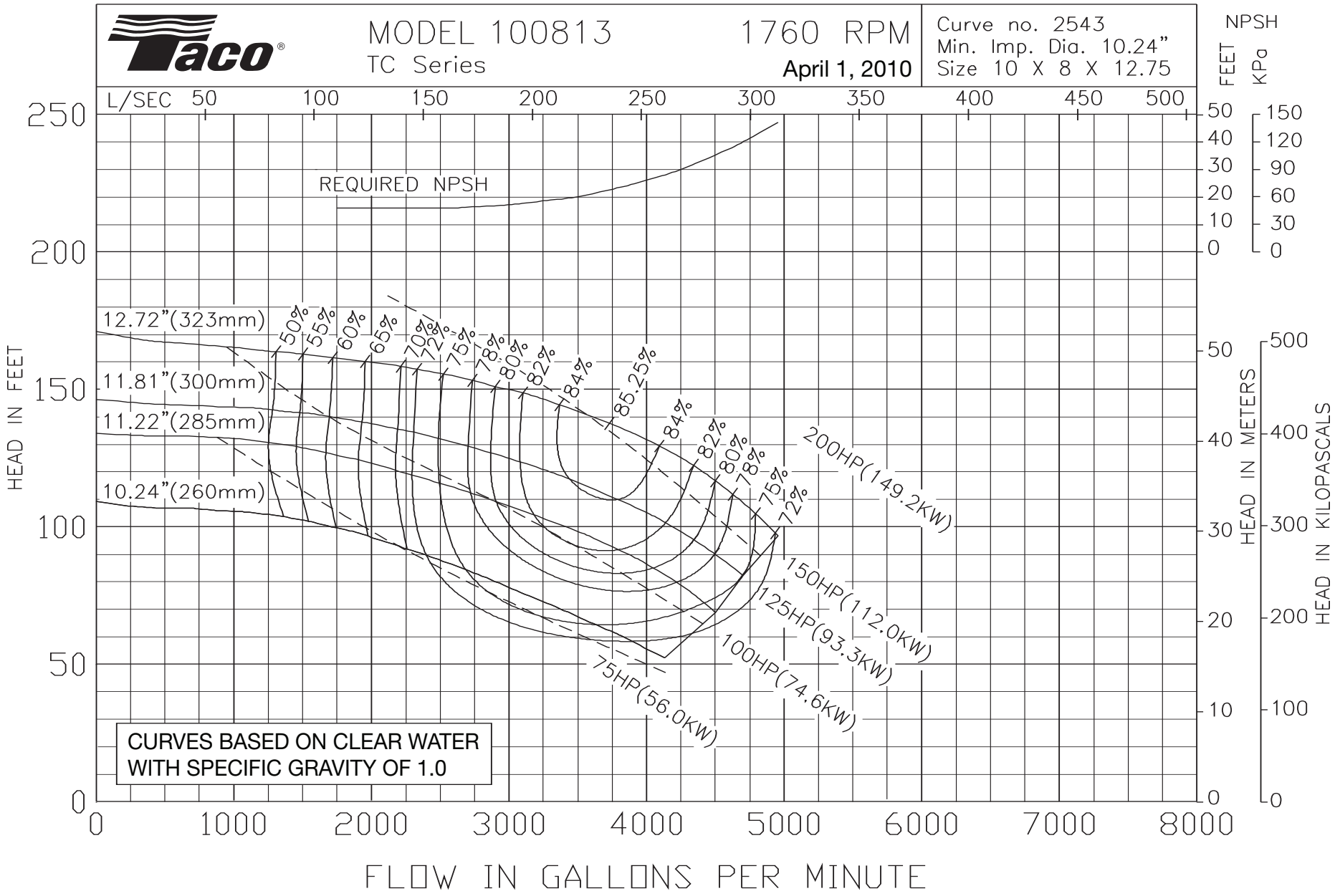

MODEL 080520
1760 RPM
TC Series
April 1, 2010
Curve no. 2528
Min. Imp. Dia. 14.56"
Size 8 X 5 X 18
NPSHR
FEET
KPa
L/SEC
REQUIRED NPSH
18.0"(458mm)
17.0"(430mm)
15.75"(400mm)
14.56"(370mm)
55%
60%
65%
68%
70%
72%
74%
76%
77%
78%
250HP(186.4KW)
200HP(149.2KW)
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
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

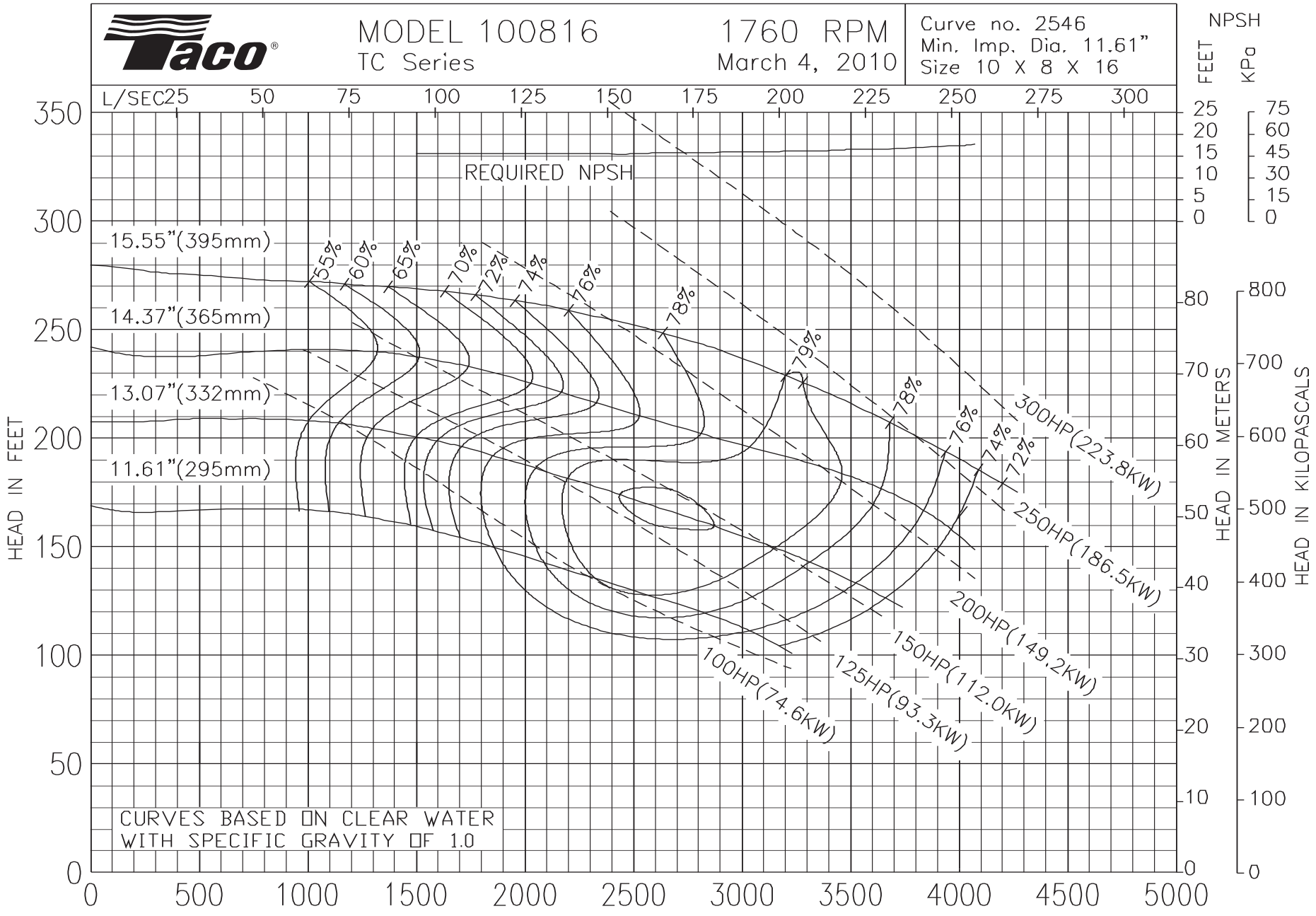

MODEL 080612
TC Series
1760 RPM
April 22, 2010
Curve no. 2531
Min. Imp. Dia. 8.58"
Size 8 X 6X 12
NPSHR
FEET
KPa
L/SEC 25 50 100 125 150 175 200 225 250 275 300 325
REQUIRED NPSH
10.63"(270mm)
9.92"(252mm)
9.29"(236mm)
8.58"(218mm)
50%
55%
60%
65%
70%
72%
74%
76%
75%
75HP(56.0KW)
60HP(44.8KW)
50HP(37.3KW)
40HP(29.8KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000
FLOW IN GALLONS PER MINUTE

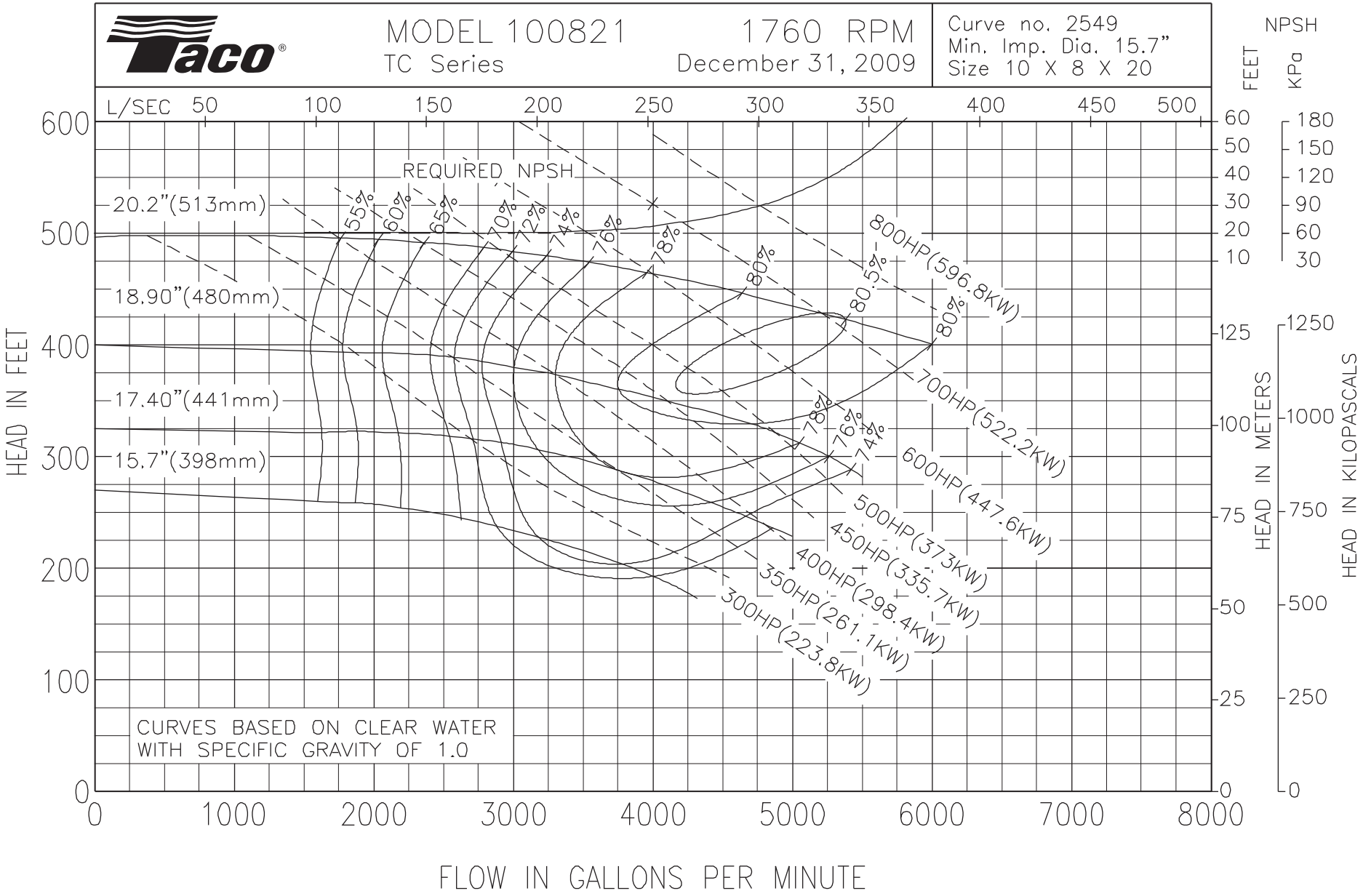

MODEL 080614
TC Series
1760RPM
January 5, 2010
Curve no. 2534
Min. Imp. Dia. 10.2
Size 8 X 6 X 13
L/SEC 20 40 60 80 100 120 140 160 180 200 220 240
REQUIRED NPSH
NPSHR
FEET
KPa
13.2"(334mm)
12.2"(310mm)
11.4"(290mm)
10.2"(258mm)
55%
60%
65%
68%
70%
72%
74%
76%
78%
80%
81%
81.5%
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
60HP(44.8KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 400 800 1200 1600 2000 2400 2800 3200 3600 4000
FLOW IN GALLONS PER MINUTE

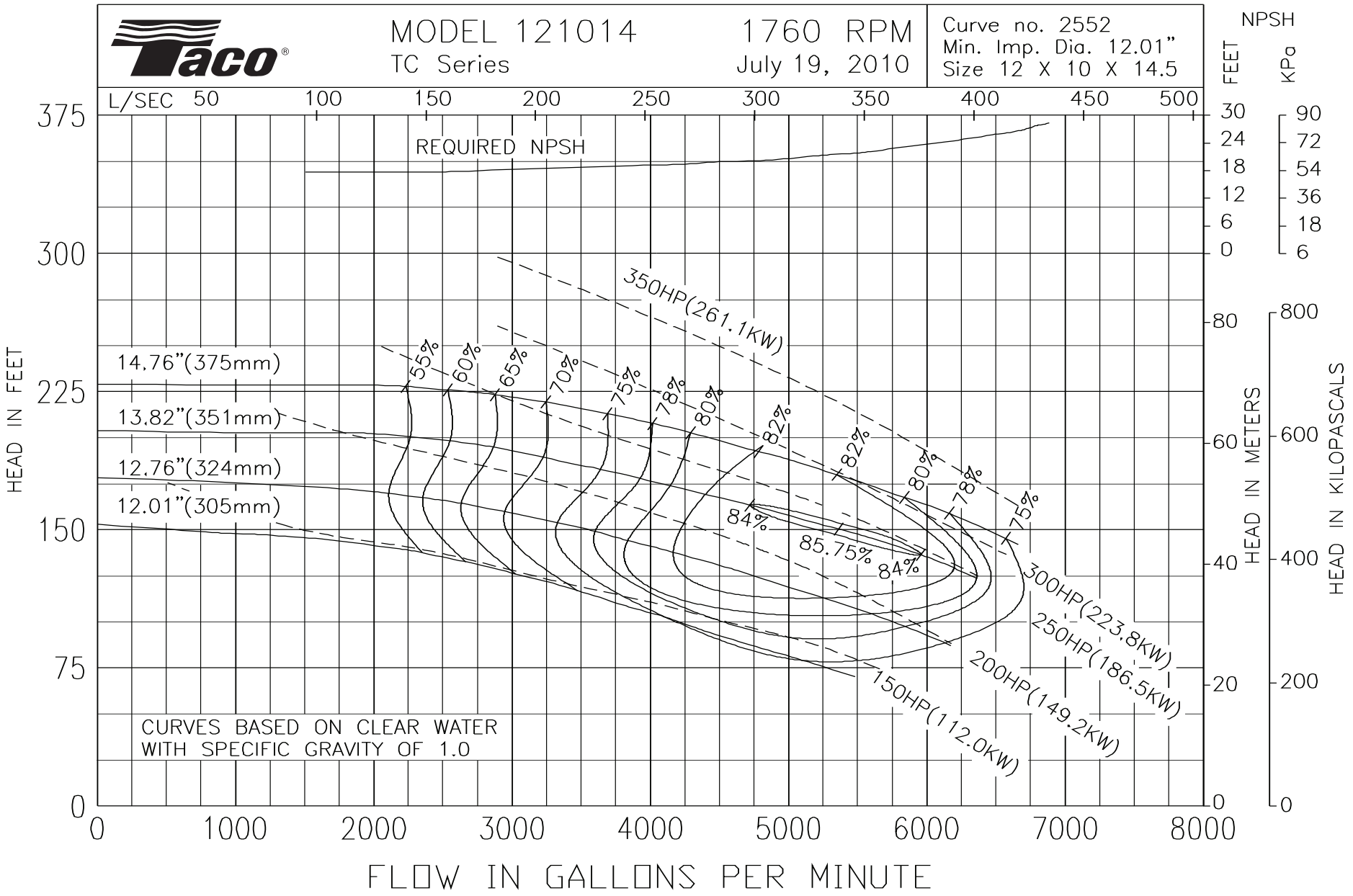

MODEL 080618
TC Series
1760 RPM
April 1, 2010
Curve no. 2537
Min. Imp. Dia. 13.78"
Size 8 X 6 X 18
NPSHR
FEET
KPa
L/SEC 25 50 75 100 125 150 175 200 225 250
REQUIRED NPSH
17.88"(454mm)
16.38"(416mm)
14.88"(378mm)
13.78"(350mm)
60%
65%
68%
70%
72%
74%
76%
78%
79%
80%
80.25%
80%
79%
78%
76%
74%
72%
70%
300HP(223.8KW)
250HP(186.5KW)
200HP(149.2KW)
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
0 500 1000 1500 2000 2500 3000 3500 4000
FLOW IN GALLONS PER SECOND

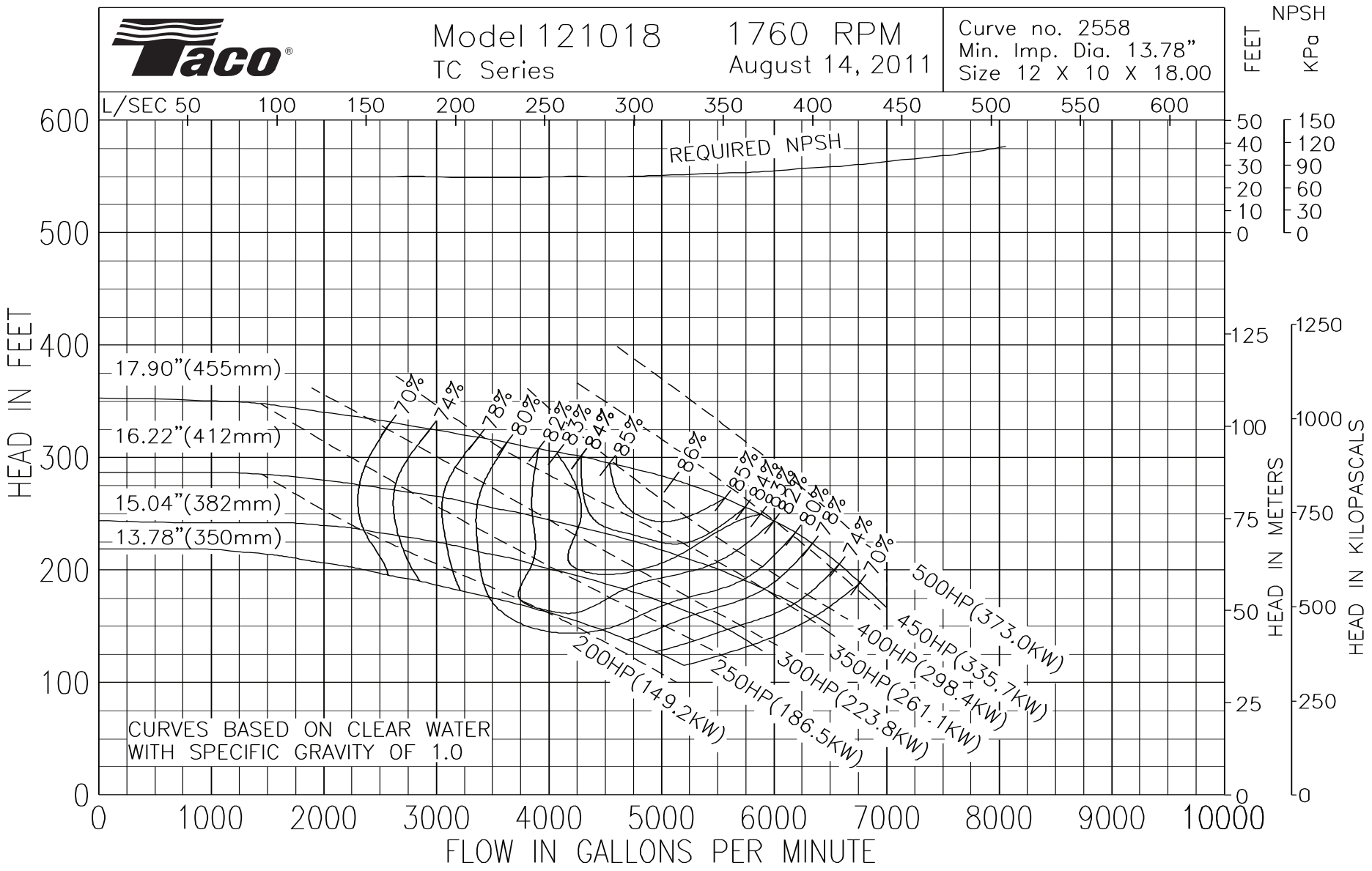

MODEL 080622
TC Series
1760 RPM
August 14, 2011
Curve no. 2540
Min. Imp. Dia. 17.72"
Size 8 X 6 X 22
NPSHR
FEET
KPa
L/SEC 25 50 75 100 125 150 175 200 225 250 275 300
REQUIRED NPSH
21.57"(548mm)
20.08"(510mm)
18.90"(480mm)
17.72"(450mm)
50%
55%
60%
65%
68%
70%
71%
71.5%
71%
70%
68%
65%
60%
700HP(522.2KW)
600HP(447.6KW)
500HP(373.0KW)
450HP(335.7KW)
400HP(298.4KW)
350HP(261.1KW)
300HP(223.8KW)
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

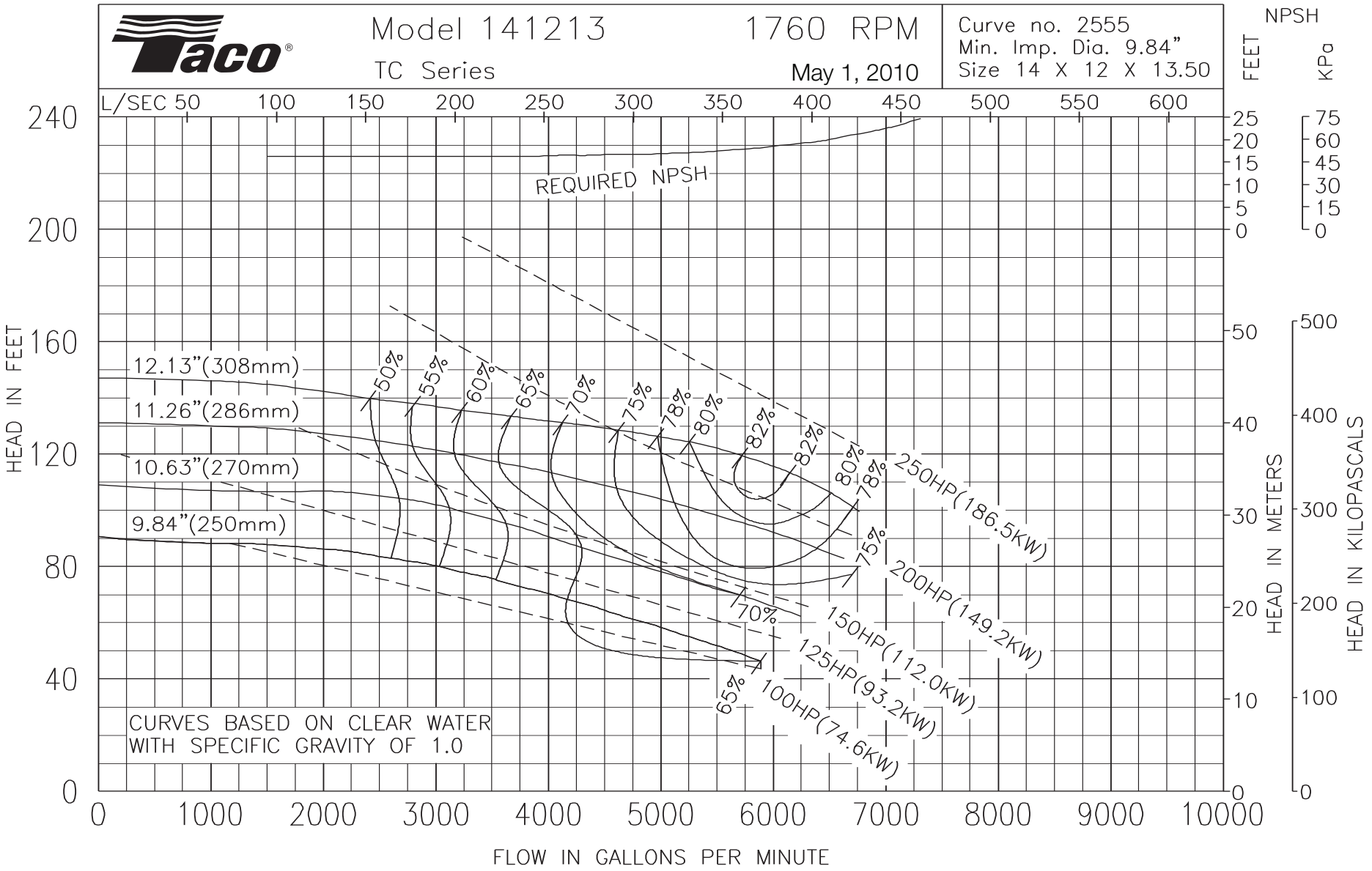

MODEL 100813
TC Series
1760 RPM
April 1, 2010
Curve no. 2543
Min. Imp. Dia. 10.24"
Size 10 X 8 X 12.75
L/SEC
REQUIRED NPSH
NPSH
FEET
KPa
12.72"(323mm)
11.81"(300mm)
11.22"(285mm)
10.24"(260mm)
50%
55%
60%
65%
70%
72%
75%
78%
80%
82%
84%
85.25%
200HP(149.2KW)
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
75HP(56.0KW)
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

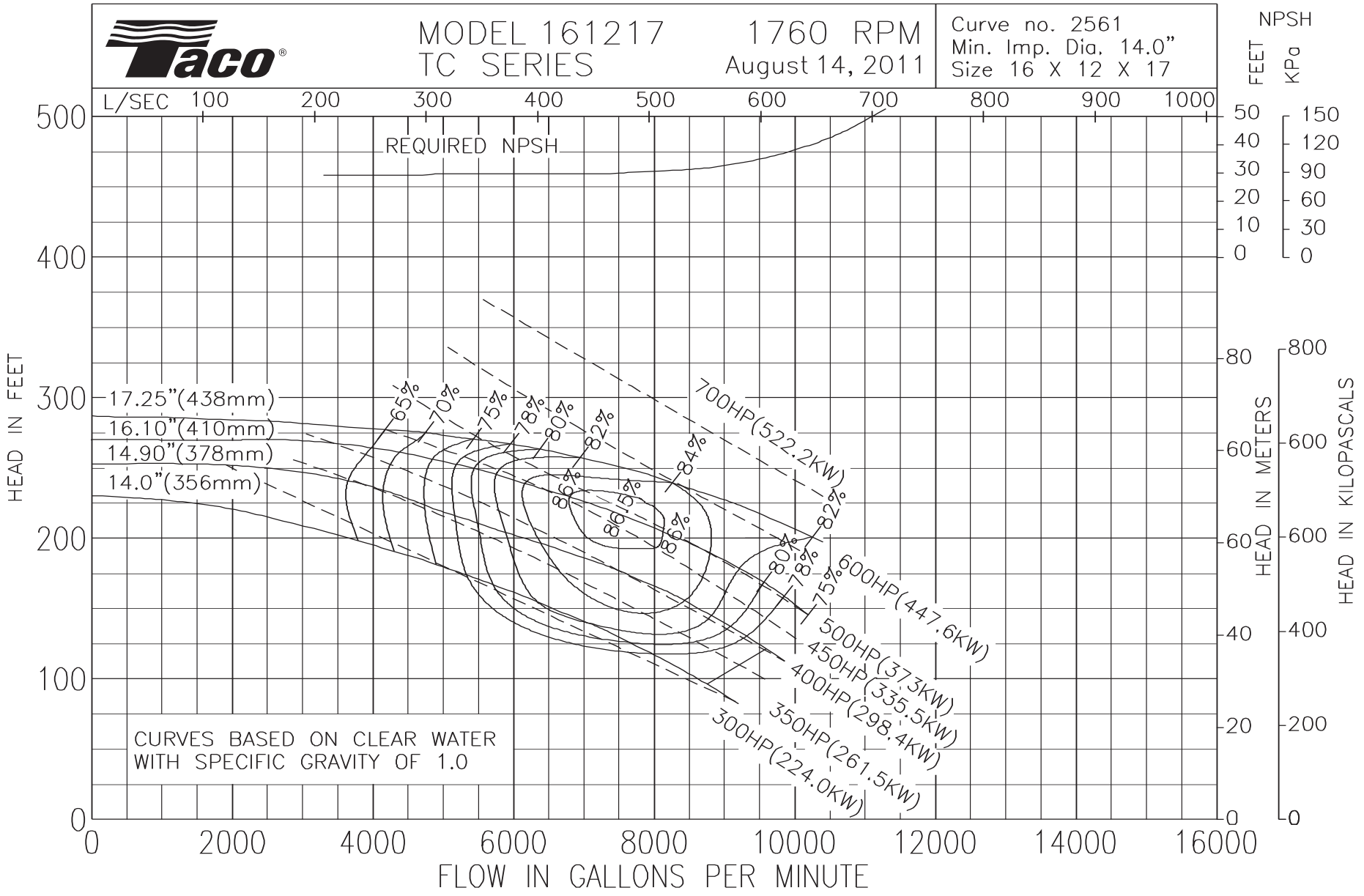

MODEL 100816
TC Series
1760 RPM
March 4, 2010
Curve no. 2546
Min. Imp. Dia. 11.61"
Size 10 X 8 X 16
L/SEC
REQUIRED NPSH
15.55"(395mm)
14.37"(365mm)
13.07"(332mm)
11.61"(295mm)
55%
60%
65%
70%
72%
74%
76%
78%
79%
300HP(223.8KW)
250HP(186.5KW)
200HP(149.2KW)
150HP(112.0KW)
125HP(93.3KW)
100HP(74.6KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
HEAD IN METERS
HEAD IN KILOPASCALS
NPSH
FEET
KPa

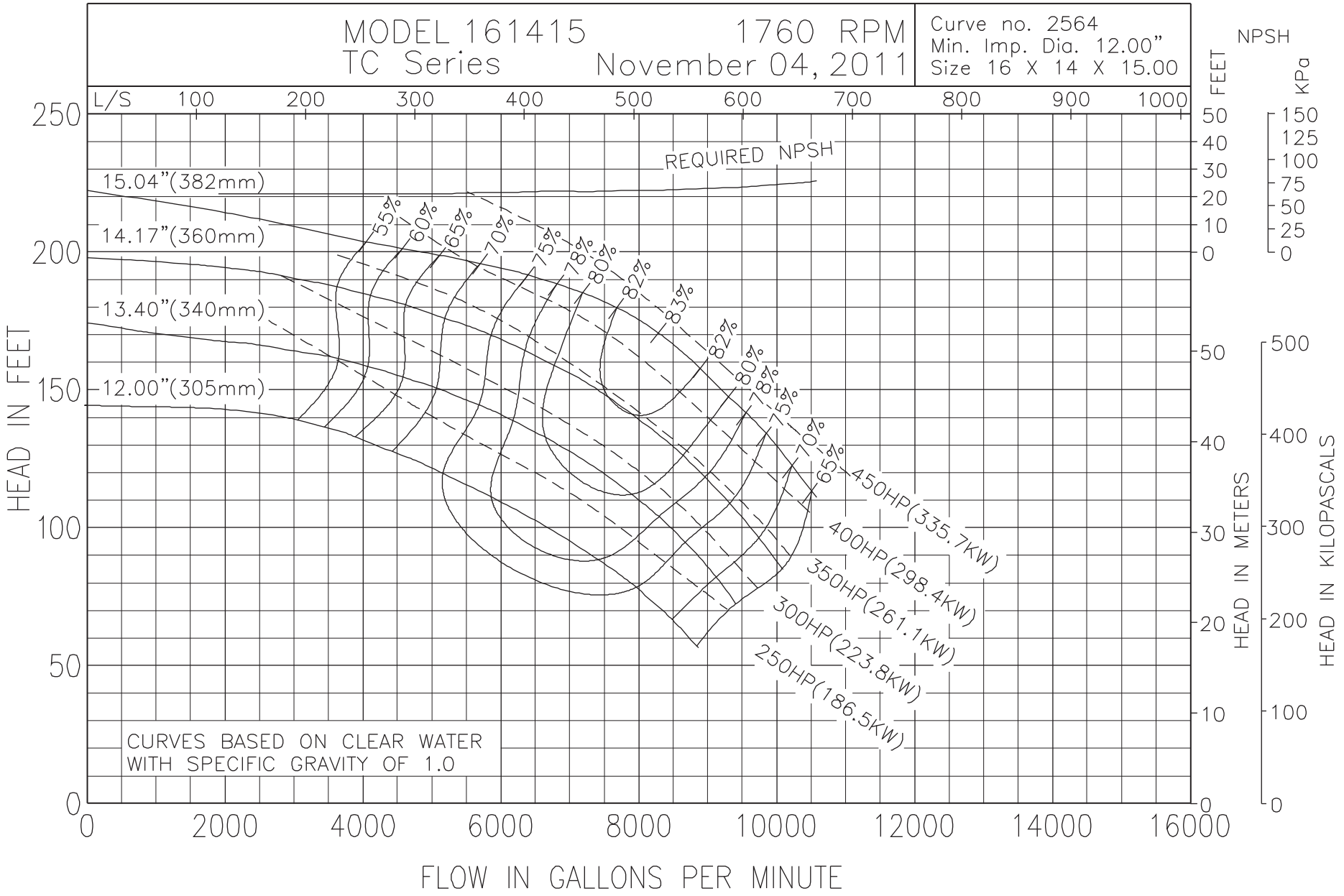

MODEL 100821
TC Series
1760 RPM
December 31, 2009
Curve no. 2549
Min. Imp. Dia. 15.7"
Size 10 X 8 X 20
L/SEC
REQUIRED NPSH
20.2"(513mm)
18.90"(480mm)
17.40"(441mm)
15.7"(398mm)
55%
60%
65%
70%
72%
74%
76%
78%
80%
80.5%
800HP(596.8KW)
700HP(522.2KW)
600HP(447.6KW)
500HP(373KW)
450HP(335.7KW)
400HP(298.4KW)
350HP(261.1KW)
300HP(223.8KW)
CURVES BASED ON CLEAR WATER
WITH SPECIFIC GRAVITY OF 1.0
HEAD IN FEET
FEET
NPSH
KPa
HEAD IN METERS
HEAD IN KILOPASCALS
FLOW IN GALLONS PER MINUTE


MODEL 121014
TC Series
1760 RPM
July 19, 2010
Curve no. 2552
Min. Imp. Dia. 12.01"
Size 12 X 10 X 14.5
L/SEC 50 100 150 200 250 300 350 400 450 500
NPSH
FEET
KPa
REQUIRED NPSH
350HP(261.1KW)
300HP(223.8KW)
250HP(186.5KW)
200HP(149.2KW)
150HP(112.0KW)
14.76"(375mm)
13.82"(351mm)
12.76"(324mm)
12.01"(305mm)
55%
60%
65%
70%
75%
78%
80%
82%
84%
85.75%
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 121018
TC Series
1760 RPM
August 14, 2011
Curve no. 2558
Min. Imp. Dia. 13.78"
Size 12 X 10 X 18.00
L/SEC 50 100 150 200 250 300 350 400 450 500 550 600
FEET
NPSH
KPa
REQUIRED NPSH
17.90"(455mm)
16.22"(412mm)
15.04"(382mm)
13.78"(350mm)
70%
74%
78%
80%
82%
83%
84%
85%
86%
500HP(373.0KW)
450HP(335.7KW)
400HP(298.4KW)
350HP(261.1KW)
300HP(223.8KW)
250HP(186.5KW)
200HP(149.2KW)
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
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000


Taco
Model 141213
1760 RPM
TC Series
May 1, 2010
Curve no. 2555
Min. Imp. Dia. 9.84"
Size 14 X 12 X 13.50
L/SEC 50 100 150 200 250 300 350 400 450 500 550 600
NPSH
FEET
KPa
REQUIRED NPSH
12.13"(308mm)
11.26"(286mm)
10.63"(270mm)
9.84"(250mm)
50%
55%
60%
65%
70%
75%
78%
80%
82%
250HP(186.5KW)
200HP(149.2KW)
150HP(112.0KW)
125HP(93.2KW)
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
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000


MODEL 161217
TC SERIES
1760 RPM
August 14, 2011
Curve no. 2561
Min. Imp. Dia. 14.0"
Size 16 X 12 X 17
L/SEC
100
200
300
400
500
600
700
800
900
1000
NPSH
FEET
KPa
REQUIRED NPSH
17.25"(438mm)
16.10"(410mm)
14.90"(378mm)
14.0"(356mm)
65%
70%
75%
78%
80%
82%
84%
86%
86.5%
86%
82%
80%
78%
75%
700HP(522.2KW)
600HP(447.6KW)
500HP(373KW)
450HP(335.5KW)
400HP(298.4KW)
350HP(261.5KW)
300HP(224.0KW)
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 161415 1760 RPM
TC Series November 04, 2011
Curve no. 2564
Min. Imp. Dia. 12.00"
Size 16 X 14 X 15.00
L/S
NPSH
FEET
KPa
REQUIRED NPSH
15.04"(382mm)
14.17"(360mm)
13.40"(340mm)
12.00"(305mm)
55%
60%
65%
70%
75%
78%
80%
82%
83%
450HP(335.7KW)
400HP(298.4KW)
350HP(261.1KW)
300HP(223.8KW)
250HP(186.5KW)
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