

TOTAL HEAD

M PSI FT

80 110 250

70 100 225

60 90 200

50 80 175

40 70 150

30 60 125

20 50 100

10 40 75

0 30 50

0 20 85

0 10 25

0 0 0

U.S. GALLONS PER MINUTE X 10

LITRES PER SECOND X 10

CUBIC METRES PER HOUR X 10

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85

REPRIMING LIFTS

V-BELT GUIDELINES - 1550 RPM AND HIGHER					
SPEED - RPM	1550	1650	1750		
MIN PUMP SHEAVE (IN)	14.00	16.00	18.00		
MIN PUMP SHEAVE (MM)	355.6	406.4	457.2		
RPM	650	850	1150	1450	1750
FEET	6	13	18	22	22
METERS	1.8	4.0	5.5	6.7	6.7

Figure NPSH required prior to using above table.  
DO NOT use as available Suction Lifts.

1.50"/[38,1 MM] DIA. MAX. SPHERICAL SOLIDS

PERFORMANCE CURVE

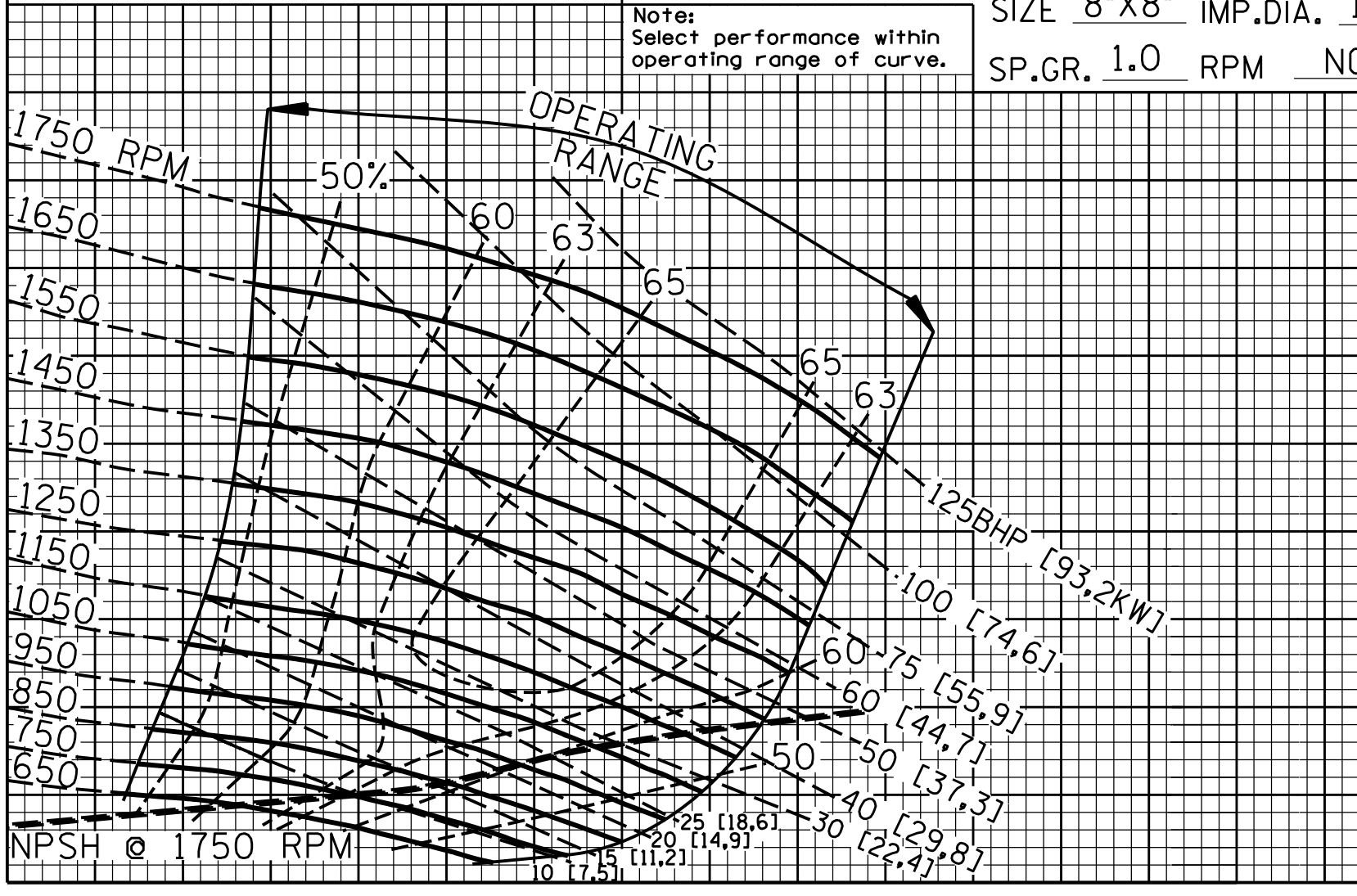
VOLUTE 38224-705 CURVE T8ESC-B-4

IMPELLER 38614-859 MODEL T8ESC-B

SIZE 8"X8" IMP.DIA. 14.75"

SP.GR. 1.0 RPM NOTED

Note:  
Select performance within operating range of curve.



BNPSH	
FT	M
0	0
10	3
20	6
30	9
40	12
50	15
60	18
70	21
80	24
90	27
100	30
110	33
120	36
130	39
140	42
150	45
160	48
170	51
180	54
190	57
200	60
210	63
220	66
230	69
240	72
250	75
260	78
270	81
280	84
290	87
300	90
310	93
320	96
330	99
340	102
350	105

