

TOTAL HEAD

M PSI FT  
 90 130 300  
 120 280  
 80 110 260  
 70 100 240  
 60 90 220  
 50 80 200  
 40 70 180  
 30 60 160  
 20 50 140  
 10 40 120  
 0 30 100  
 0 20 80  
 0 10 60  
 0 0 40  
 0 0 20  
 0 0 0

REPRIMING LIFTS				
RPM	1450	1650	1750	1950
FEET	25	25	25	25
METERS	7.6	7.6	7.6	7.6

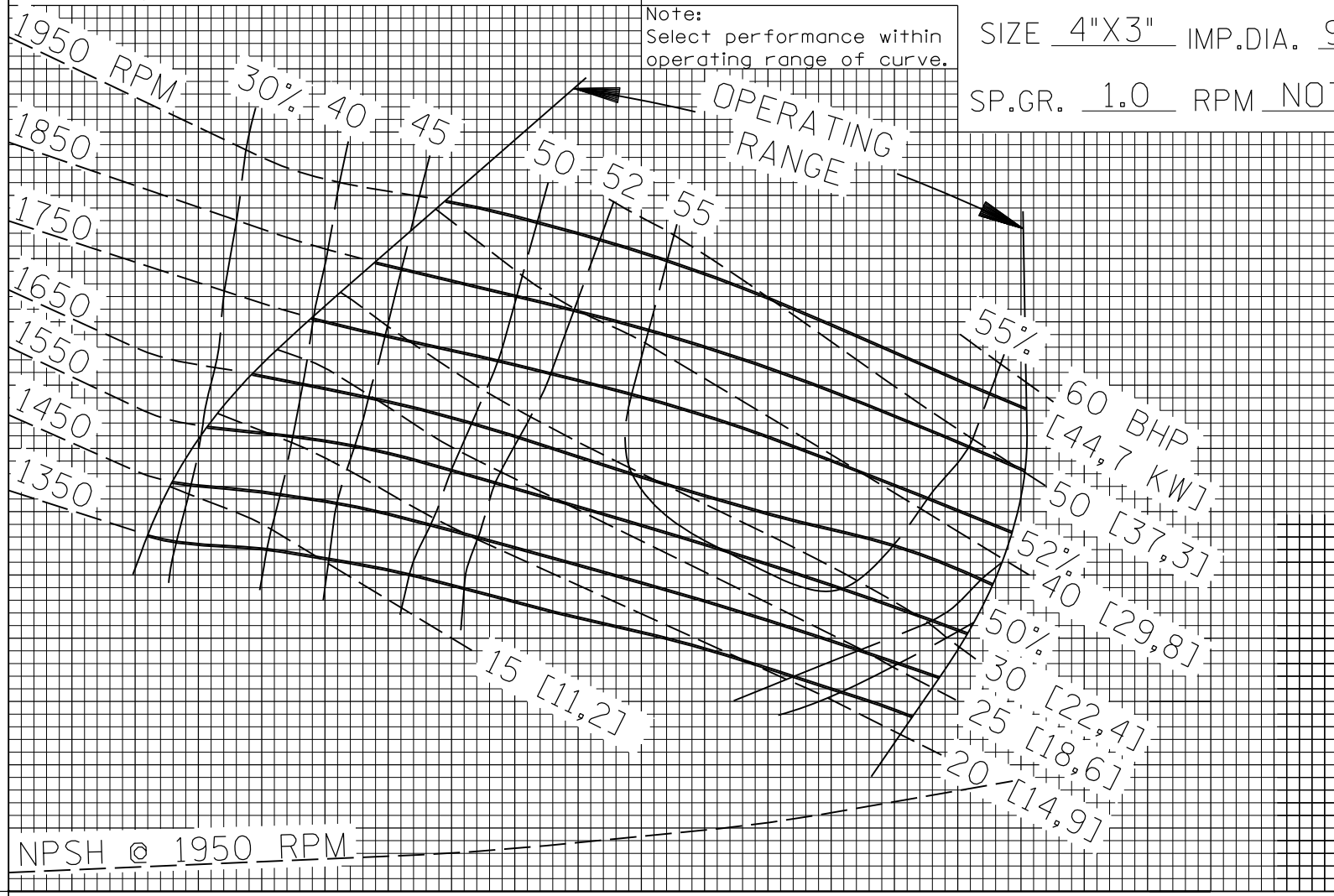
Figure NPSH required prior to using above table.  
 DO NOT use as available Suction Lift.

3.00"/[76,2 MM] DIA. MAX. SPHERICAL SOLIDS

PERFORMANCE CURVE

VOLUTE 38224-614 CURVE VS3B-B-1  
 IMPELLER 38219-306 MODEL VS3B-B  
 SIZE 4"X3" IMP.DIA. 9.75"  
 SP.GR. 1.0 RPM NOTED

Note:  
 Select performance within  
 operating range of curve.



NPSH  
 FT M  
 10  
 8  
 6  
 4  
 2  
 0

U.S.GALLONS PER MINUTE X 10

LITRES PER SECOND

CUBIC METRES PER HOUR X 10

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100  
 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64  
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

FILE NO. VS3BB.S01



T-5-09-R