

TOTAL HEAD

M PSI FT

44 60 140

40 56 130

36 52 120

48 110

32 44 100

28 40 90

24 36 80

20 32 70

16 28 60

12 24 50

8 20 40

4 16 30

0 12 20

0 8 10

0 4 10

MAXIMUM DRY PRIMING LIFTS

RPM	950	1050	1150-1250	1350-1450	1550-1850	1950	2050
FEET	9	15	16	17	19	20	21
METERS	2,7	4,6	4,9	5,2	5,8	6,1	6,4

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

Dry priming is defined as suction and discharge pipes without liquid, pump casing filled with 70° water.
3.00"/[76,2 MM] DIA. MAX. SPHERICAL SOLIDS

PERFORMANCE CURVE

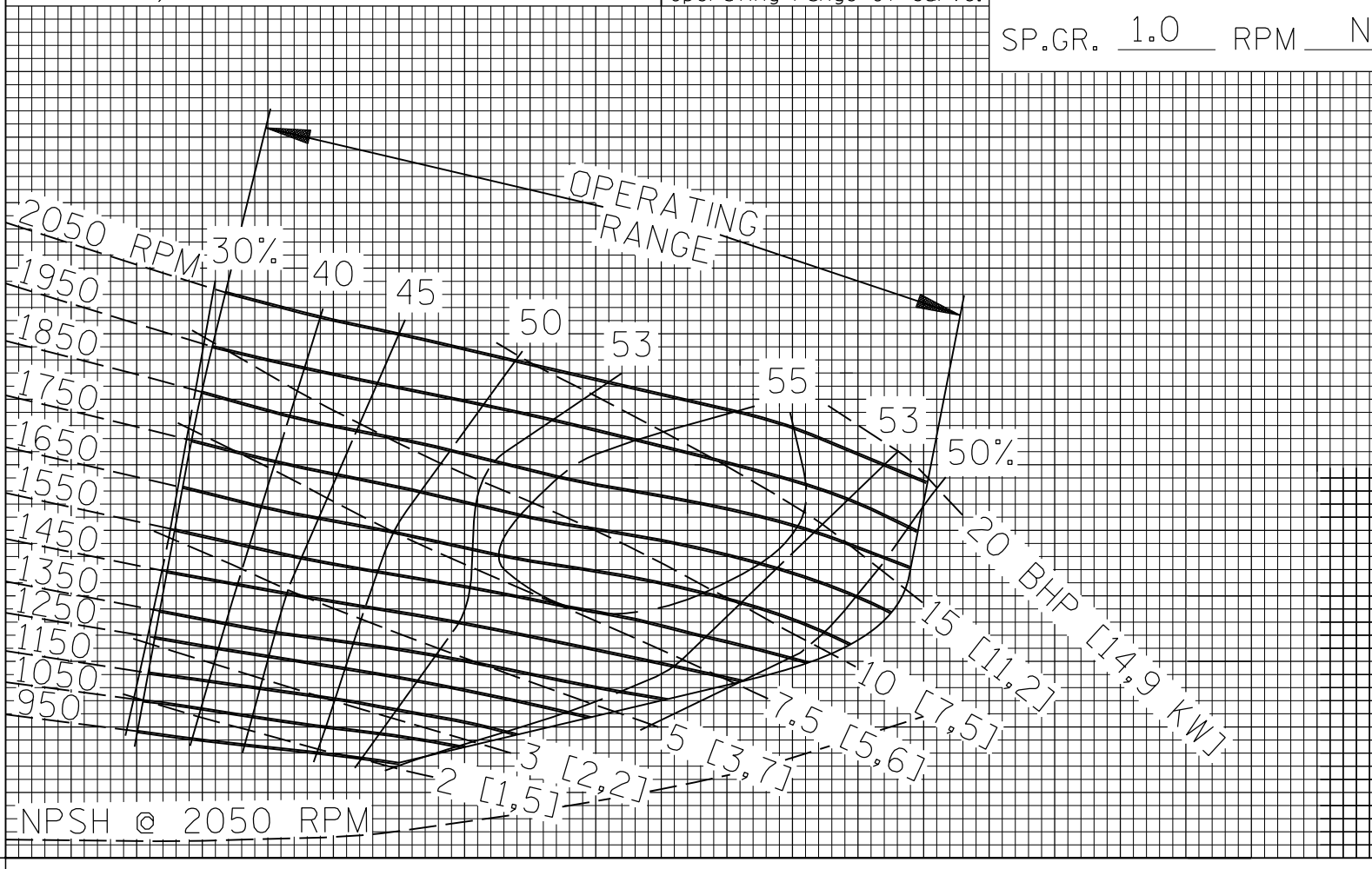
VOLUTE 12062 CURVE 14C-B-1

IMPELLER 9934A MODEL 14C-B

Note: Select performance within operating range of curve.

SIZE 4"X4" IMP.DIA. 8.25"

SP.GR. 1.0 RPM NOTED



NPSH

FT M

30 10

20 8

10 6

0 4

0 2

0 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.14cb.s01



C-3-99-R