

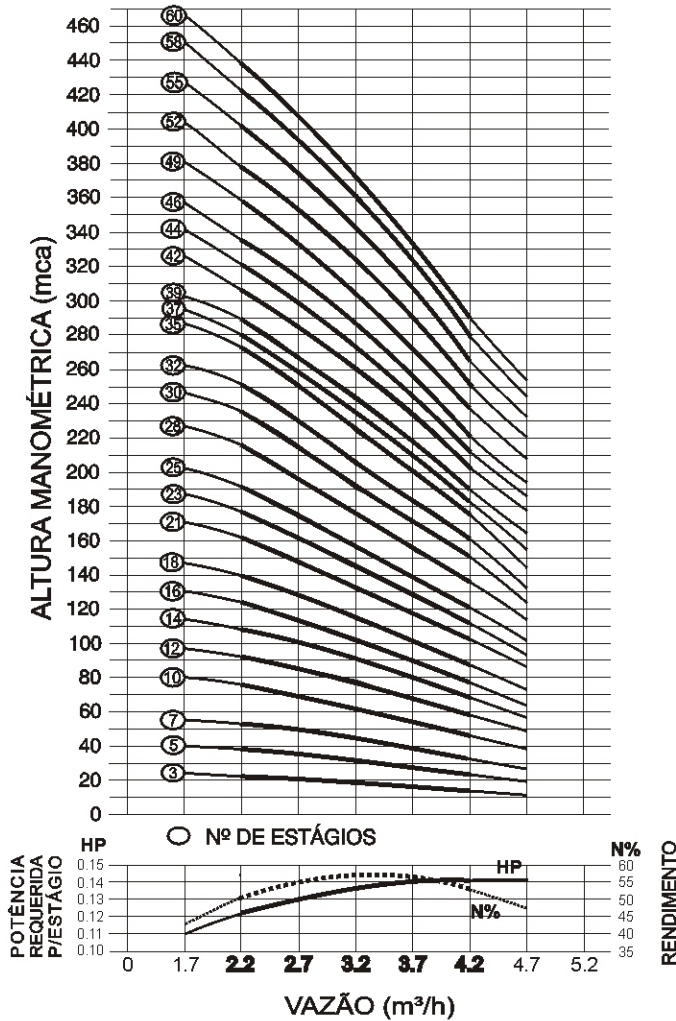


BOMBAS VANBRO LTDA
SAPUCAIA DO SUL - RS
BRASIL

BOMBA SUBMERSA MODELO VBUP43

APLICAÇÃO: POÇOS TUBULARES A PARTIR DE Ø4"
(DIÂM. 95mm 60HZ 3450 RPM)

CURVAS DE DESEMPENHO



| MODELO | E | HP | VAZÃO E ALTURA MANOMÉTRICA | | | | | | | | | |
|-------------------|----|-----|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|
| | | | 0 | 1.7 | 2.2 | 2.7 | 3.2 | 3.7 | 4.2 | 4.7 | 5.2 | m³/h |
| VBUP.43X.03.005.Y | 3 | 0.5 | 25.7 | 24.1 | 23.0 | 20.8 | 18.6 | 16.3 | 14.1 | 11.6 | 8.8 | EM METROS |
| VBUP.43X.05.007.Y | 5 | 0.7 | 42.9 | 40.2 | 38.3 | 34.6 | 31.1 | 27.1 | 23.6 | 19.3 | 14.6 | |
| VBUP.43X.07.010.Y | 7 | 1.0 | 60.0 | 56.3 | 53.6 | 48.5 | 43.5 | 38.0 | 33.0 | 27.0 | 20.5 | |
| VBUP.43X.10.015.Y | 10 | 1.5 | 85.7 | 80.4 | 76.6 | 69.3 | 62.1 | 54.3 | 47.1 | 38.6 | 29.3 | |
| VBUP.43X.12.020.Y | 12 | 2.0 | 102.9 | 97.7 | 93.4 | 85.3 | 76.7 | 67.5 | 58.3 | 48.9 | 39.4 | |
| VBUP.43X.14.020.Y | 14 | 2.0 | 120.0 | 114.0 | 109.0 | 99.5 | 89.6 | 78.8 | 68.0 | 57.0 | 46.0 | |
| VBUP.43X.16.025.Y | 16 | 2.5 | 137.1 | 130.3 | 124.6 | 113.7 | 102.4 | 90.1 | 77.7 | 65.1 | 52.6 | |
| VBUP.43X.18.025.Y | 18 | 2.5 | 154.3 | 146.6 | 140.1 | 127.9 | 115.2 | 101.3 | 87.4 | 73.3 | 59.1 | |
| VBUP.43X.21.030.Y | 21 | 3.0 | 179.3 | 170.5 | 161.9 | 147.4 | 131.9 | 115.9 | 102.5 | 85.7 | 72.2 | |
| VBUP.43X.23.035.Y | 23 | 3.5 | 196.4 | 186.8 | 177.3 | 161.5 | 144.4 | 127.0 | 112.2 | 93.8 | 79.1 | |
| VBUP.43X.25.035.Y | 25 | 3.5 | 213.5 | 203.0 | 192.7 | 175.5 | 157.0 | 138.0 | 122.0 | 102.0 | 86.0 | |
| VBUP.43X.28.040.Y | 28 | 4.0 | 239.1 | 227.4 | 215.8 | 196.6 | 175.8 | 154.6 | 136.6 | 114.2 | 96.3 | |
| VBUP.43X.30.045.Y | 30 | 4.5 | 255.0 | 246.6 | 236.2 | 215.6 | 190.8 | 172.5 | 150.9 | 124.7 | 105.0 | |
| VBUP.43X.32.045.Y | 32 | 4.5 | 272.0 | 263.0 | 252.0 | 230.0 | 205.5 | 184.0 | 161.0 | 133.0 | 112.0 | |
| VBUP.43X.35.050.Y | 35 | 5.0 | 297.5 | 287.6 | 273.6 | 251.6 | 224.6 | 201.2 | 176.1 | 145.5 | 122.5 | |
| VBUP.43X.37.055.Y | 37 | 5.5 | 312.2 | 295.3 | 280.0 | 258.3 | 234.8 | 209.6 | 182.3 | 155.6 | 127.8 | |
| VBUP.43X.39.055.Y | 39 | 5.5 | 327.0 | 303.0 | 289.0 | 267.0 | 244.0 | 218.0 | 190.0 | 165.7 | 133.0 | |
| VBUP.43X.42.060.Y | 42 | 6.0 | 352.1 | 326.3 | 306.9 | 285.4 | 261.7 | 234.8 | 203.0 | 178.4 | 143.2 | |
| VBUP.43X.44.065.Y | 44 | 6.5 | 368.9 | 341.8 | 321.5 | 299.0 | 274.1 | 245.9 | 212.7 | 186.9 | 150.0 | |
| VBUP.43X.46.065.Y | 46 | 6.5 | 385.7 | 357.4 | 336.1 | 312.6 | 286.6 | 257.1 | 222.3 | 195.4 | 156.9 | |
| VBUP.43X.49.070.Y | 49 | 7.0 | 410.8 | 380.7 | 358.1 | 332.9 | 305.3 | 273.9 | 236.8 | 208.2 | 167.1 | |
| VBUP.43X.52.075.Y | 52 | 7.5 | 436.0 | 404.0 | 378.0 | 353.3 | 324.0 | 290.7 | 251.3 | 220.9 | 177.3 | |
| VBUP.43X.55.075.Y | 55 | 7.5 | 461.1 | 427.3 | 401.9 | 373.7 | 342.7 | 307.4 | 265.8 | 233.7 | 187.6 | |
| VBUP.43X.58.080.Y | 58 | 8.0 | 486.3 | 450.6 | 423.8 | 394.1 | 361.4 | 324.2 | 280.3 | 246.4 | 197.8 | |
| VBUP.43X.60.090.Y | 60 | 9.0 | 503.1 | 466.1 | 438.5 | 407.7 | 373.8 | 335.4 | 290.0 | 254.9 | 204.6 | |



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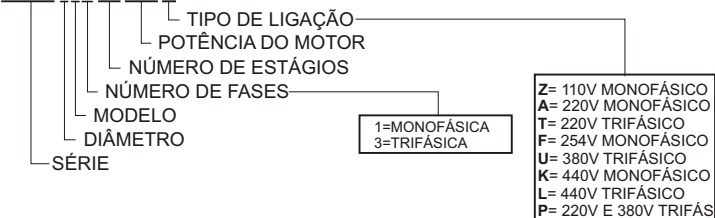
BOMBA SUBMERSA MODELO VBUP43

APLICAÇÃO: POÇOS TUBULARES A PARTIR DE Ø4"
(DIÂM. 95mm 60HZ 3450 RPM)

ESPECIFICAÇÕES DIMENSIONAIS

COMO ESTABELECE O CÓDIGO DA BOMBA

VBUP.43X.07.010.Y

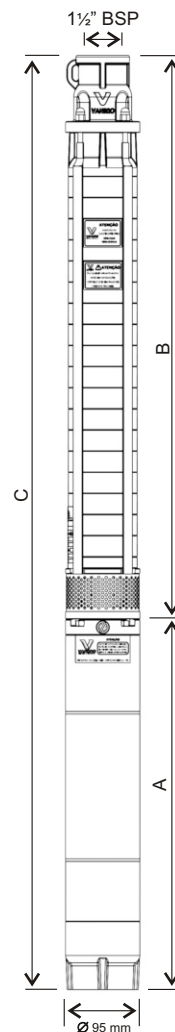


NOTA:

SUBSTITUA X-Y PELOS VALORES DAS TABELAS CONFORME AS CARACTERÍSTICAS DA SUA BOMBA.
EXEMPLO: SE A BOMBA FOR TRIFÁSICA 1,0 HP 7 ESTÁGIOS 220V E 380V:
SUBSTITUA X POR 3 E Y POR P, E TERÁ:
VBUP.433.07.010.P

| BOMBAS MONOFÁSICAS | | | | | | |
|--------------------|----|-----|-------|------|------|-----------|
| MODELO | E | HP | EM mm | | | PESO (Kg) |
| | | | A | B | C | |
| VBUP.431.03.005.Y | 3 | 0.5 | 431 | 325 | 756 | 19.4 |
| VBUP.431.05.007.Y | 5 | 0.7 | 471 | 380 | 851 | 22.0 |
| VBUP.431.07.010.Y | 7 | 1.0 | 521 | 435 | 956 | 25.1 |
| VBUP.431.10.015.Y | 10 | 1.5 | 571 | 518 | 1089 | 28.8 |
| VBUP.431.12.020.Y | 12 | 2.0 | 641 | 573 | 1214 | 32.8 |
| VBUP.431.14.020.Y | 14 | 2.0 | 641 | 628 | 1269 | 33.7 |
| VBUP.431.16.025.Y | 16 | 2.5 | 711 | 683 | 1394 | 37.6 |
| VBUP.431.18.025.Y | 18 | 2.5 | 711 | 738 | 1449 | 38.5 |
| VBUP.431.21.030.Y | 21 | 3.0 | 711 | 820 | 1531 | 39.9 |
| VBUP.431.23.035.Y | 23 | 3.5 | 771 | 875 | 1646 | 43.4 |
| VBUP.431.25.035.Y | 25 | 3.5 | 771 | 930 | 1701 | 44.3 |
| VBUP.431.28.040.Y | 28 | 4.0 | 771 | 1013 | 1784 | 45.7 |
| VBUP.431.30.045.Y | 30 | 4.5 | 811 | 1068 | 1879 | 48.5 |
| VBUP.431.32.045.Y | 32 | 4.5 | 811 | 1123 | 1934 | 49.4 |
| VBUP.431.35.050.Y | 35 | 5.0 | 811 | 1205 | 2016 | 50.8 |
| VBUP.431.37.055.Y | 37 | 5.5 | 851 | 1260 | 2111 | 54.0 |
| VBUP.431.39.055.Y | 39 | 5.5 | 851 | 1315 | 2166 | 55.0 |

| BOMBAS TRIFÁSICAS | | | | | | |
|-------------------|----|-----|-------|------|------|-----------|
| MODELO | E | HP | EM mm | | | PESO (Kg) |
| | | | A | B | C | |
| VBUP.433.03.005.Y | 3 | 0.5 | 431 | 325 | 756 | 19.4 |
| VBUP.433.05.007.Y | 5 | 0.7 | 431 | 380 | 811 | 20.4 |
| VBUP.433.07.010.Y | 7 | 1.0 | 471 | 435 | 906 | 23.0 |
| VBUP.433.10.015.Y | 10 | 1.5 | 521 | 518 | 1039 | 26.5 |
| VBUP.433.12.020.Y | 12 | 2.0 | 571 | 573 | 1144 | 29.7 |
| VBUP.433.14.020.Y | 14 | 2.0 | 571 | 638 | 1209 | 30.6 |
| VBUP.433.16.025.Y | 16 | 2.5 | 641 | 683 | 1324 | 34.7 |
| VBUP.433.18.025.Y | 18 | 2.5 | 641 | 738 | 1379 | 35.6 |
| VBUP.433.21.030.Y | 21 | 3.0 | 641 | 820 | 1461 | 37.0 |
| VBUP.433.23.035.Y | 23 | 3.5 | 711 | 875 | 1586 | 40.8 |
| VBUP.433.25.035.Y | 25 | 3.5 | 711 | 930 | 1641 | 41.7 |
| VBUP.433.28.040.Y | 28 | 4.0 | 711 | 1013 | 1724 | 43.1 |
| VBUP.433.30.045.Y | 30 | 4.5 | 771 | 1068 | 1839 | 46.7 |
| VBUP.433.32.045.Y | 32 | 4.5 | 771 | 1123 | 1894 | 47.6 |
| VBUP.433.35.050.Y | 35 | 5.0 | 771 | 1205 | 1976 | 49.0 |
| VBUP.433.37.055.Y | 37 | 5.5 | 811 | 1260 | 2071 | 51.7 |
| VBUP.433.39.055.Y | 39 | 5.5 | 811 | 1315 | 2126 | 52.7 |
| VBUP.433.42.060.Y | 42 | 6.0 | 851 | 1398 | 2249 | 56.4 |
| VBUP.433.44.065.Y | 44 | 6.5 | 891 | 1453 | 2344 | 59.3 |
| VBUP.433.46.065.Y | 46 | 6.5 | 891 | 1508 | 2399 | 60.2 |
| VBUP.433.49.070.Y | 49 | 7.0 | 891 | 1590 | 2481 | 61.6 |
| VBUP.433.52.075.Y | 52 | 7.5 | 891 | 1672 | 2563 | 63.0 |
| VBUP.433.55.075.Y | 55 | 7.5 | 891 | 1754 | 2645 | 64.4 |
| VBUP.433.58.080.Y | 58 | 8.0 | 891 | 1836 | 2727 | 65.8 |
| VBUP.433.60.090.Y | 60 | 9.0 | 891 | 1891 | 2782 | 67.2 |



ÍTEMS P/ ESPECIFICAÇÃO DO EQUIPAMENTO:

VAZÃO DESEJADA
ALTURA MANOMÉTRICA TOTAL
TENSÃO-FREQÜÊNCIA-Nº FASES
DIÂMETRO DO POÇO

PARÂMETROS DE QUALIDADE DA ÁGUA:

PH: 6.5 A 8
QUANTIDADE MÁXIMA AREIA: 30 g/m³
DIÂMETRO MÁXIMO GRÃO: 0.20 mm
TEMPERATURA MÁXIMA: 40°C

OBSERVAÇÃO:

BOMBAS C/ CARACTERÍSTICAS ESPECIAIS
CONSULTAR DEPTO TÉCNICO DA VANBRO

EMISSÃO
02
DATA:
01 / 2016