

EHD Components 2005 (Pty) Ltd

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Centrifugal Pump TDCS6X6

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Centrifugal Pump Performance Test As Per I.S. 6595 (part 1) : 2002

| Model | | TDCS 6 | | Original Pump | | | | Impeller DIA | | 200.0 | | | | | |
|----------|--------|--------|---------|------------------|---------|-----------|------|------------------------------------|-------|----------|--------|---------|------|------|--|
| Suction | | 150 | mm | 9 Vance Impeller | | | | SR. No. | | 1565 | | | | | |
| Delivery | | 150 | mm | | | | | Date | | 1/4/2014 | | | | | |
| Speed | | 1500 | rpm | | | | | Capacity Measured By 90° "V" Notch | | | | | | | |
| R.P.M. | G. Suc | G. Del | G. Dist | V. Head | T. Head | "V" Notch | Dis. | M. IP | P. IP | P. OP | C. Dis | C. Head | C.P. | EFF. | |
| 1502 | 4.06 | 1.50 | 0.60 | 0.00 | 6.16 | 295 | 64.8 | 8.4 | 7.1 | 3.9 | 64.7 | 6.1 | 7.1 | 54.9 | |
| 1504 | 5.81 | 1.40 | 0.60 | 0.00 | 7.81 | 286 | 60.0 | 8.3 | 7.0 | 4.6 | 59.8 | 7.8 | 7.0 | 65.5 | |
| 1505 | 6.00 | 2.10 | 0.60 | 0.00 | 8.70 | 282 | 57.7 | 8.2 | 6.9 | 4.9 | 57.5 | 8.6 | 6.8 | 71.4 | |
| 1499 | 5.97 | 2.70 | 0.60 | 0.00 | 9.27 | 277 | 55.4 | 8.0 | 6.7 | 5.0 | 55.4 | 9.3 | 6.7 | 75.2 | |
| 1502 | 6.10 | 3.70 | 0.60 | 0.00 | 10.40 | 271 | 52.5 | 7.8 | 6.6 | 5.3 | 52.4 | 10.4 | 6.6 | 81.3 | |
| 1503 | 5.91 | 4.10 | 0.60 | 0.00 | 10.61 | 268 | 51.0 | 7.7 | 6.4 | 5.3 | 50.9 | 10.6 | 6.4 | 82.6 | |
| 1504 | 6.00 | 5.40 | 0.60 | 0.00 | 12.00 | 248 | 42.1 | 7.1 | 5.9 | 4.9 | 42.0 | 11.9 | 5.9 | 83.6 | |
| 1506 | 5.76 | 6.60 | 0.60 | 0.00 | 12.96 | 216 | 29.9 | 6.6 | 5.4 | 3.8 | 29.8 | 12.9 | 5.4 | 69.9 | |
| 1512 | 1.53 | 10.70 | 0.60 | 0.00 | 12.83 | 0 | 0.0 | 4.2 | 3.1 | 0.0 | 0.0 | 12.6 | 3.1 | 0.0 | |
| | | | 0.60 | 0.00 | 0.60 | | 0.0 | | | - | - | - | - | - | |
| | | | 0.60 | 0.00 | 0.60 | | 0.0 | | 4.5 | - | - | - | - | - | |
| | | | 0.60 | 0.00 | 0.60 | | 0.0 | | | - | - | - | - | - | |
| | | | 0.60 | 0.00 | 0.60 | | 0.0 | | | - | - | - | - | - | |

Pump Certified As Per I.S. 6595 (part 1) : 2002

| Duty Point | Head (m) | Discharge (l.p.s.) | Efficiency (%) | C.P. (k.w) | Head Range (m) | |
|-------------|----------|--------------------|----------------|------------|----------------|------|
| Declaration | 8.00 | 42.00 | 75.00 | 3.70 | 6.40 | 8.80 |
| Observation | 12.70 | 19.00 | 82.00 | 3.00 | OK | |

W/P TDCS 6"X6" Double bearing

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Disclaimer

Manufacturer's names, numbers, symbols, photos and descriptions are used for reference purposes only and it is not implied that the parts referred to are the products of those manufacturers

Source: www.ehd.co.za