

# TBD604BL6系列陆用电站用柴油机

## TBD604BL6 series engine for power station

主要技术参数Main Technical Data

|                                   |                                                                  |
|-----------------------------------|------------------------------------------------------------------|
| 缸径/冲程 bore/stroke                 | 170/195 mm                                                       |
| 气缸排列Cylinder Arrangement          | 直列Line                                                           |
| 气缸数Number of Cylinder             | 6                                                                |
| 单缸排量Unit Cylinder Volume          | 4.43dm <sup>3</sup>                                              |
| 压缩比Compression Ratio              | 14:1                                                             |
| 最低稳定转速Min.Steady Speed            | 650r/min                                                         |
| 点火转速 ( 20℃ ) Ignition Speed       | 115r/min                                                         |
| 旋转方向Direction                     | 逆时针 ( 面向飞轮 )<br>Anti-clockwise rotation<br>( from flywheel end ) |
| 滑油消耗率Lub. Oil Consumption         | ≤1g/kW · h                                                       |
| 外形尺寸 ( 长宽高 ) Overall Size ( LWH ) | 2242X1143X1953mm                                                 |
| 干重Dry Weinght ( kg )              | 2550                                                             |

## TBD604BL6

| 机型<br>Engine type | 主用功率<br>Prime Power<br>( kW ) | 备用功率<br>Standby Power<br>( kW ) | 转速<br>Speed<br>r/min | 燃油消耗率<br>Fuel Consump<br>g / kW · h | 平均有效压力<br>Pme Mpa |
|-------------------|-------------------------------|---------------------------------|----------------------|-------------------------------------|-------------------|
| TBD604BL6         | 564                           | 622                             | 1500                 | 196                                 | 1.38              |
| TBD604BL6         | 594                           | 680                             | 1500                 | 196                                 | 1.38              |
| TBD604BL6         | 650                           | 726                             | 1500                 | 199                                 | 1.37              |
| TBD604BL6         | 573                           | 637                             | 1800                 | 199                                 | 1.37              |

# TBD604系列陆用柴油发电机组

## TBD604 Series Stationary generating set

| 主要技术参数Main Technical Data |                                                               |
|---------------------------|---------------------------------------------------------------|
| 缸径/冲程 bore/stroke         | 170/195 mm                                                    |
| 气缸排列Cylinder Arrangement  | 直列Line                                                        |
| 气缸数Number of Cylinder     | 6                                                             |
| 单缸排量Unit Cylinder Volume  | 4.43dm <sup>3</sup>                                           |
| 压缩比Compression Ratio      | 14:1                                                          |
| 最低稳定转速Min.Steady Speed    | 600r/min                                                      |
| 点火转速（20℃）Ignition Speed   | 150r/min                                                      |
| 旋转方向Direction             | 逆时针（面向飞轮）<br>Anti-clockwise rotation<br>( from flywheel end ) |
| 滑油消耗率Lub. Oil Consumption | ≤1g/kW · h                                                    |



### TBD604BL6

| 机组型号<br>Set type | 主用/备用功率<br>Prime/St-by Power ( kW ) | 额定电流<br>Rated Current A | 额定频率<br>Rated frequency Hz | 外形尺寸<br>Overall size mm | 机组重量<br>Weight kg |
|------------------|-------------------------------------|-------------------------|----------------------------|-------------------------|-------------------|
| 400GFD           | 400/440                             | 722                     | 50                         | 4470x1505x2156          | 5300              |
| 450GFD           | 450/500                             | 812                     | 50                         | 4470x1505x2156          | 5500              |
| 500GFD           | 500/550                             | 902                     | 50                         | 4526x1505x2156          | 5600              |