



04 HBT/DHBT

Concrete Trailer Pump HBT系列混凝土输送泵



JBT Technical Parameters JBT主要技术参数

| 项目 Items | 单位 Units | 参数 Parameters |
|-----------------------|---|--------------------------------|
| 输送泵 Transfer Pump | 理论上最大产量 Maximum Theoretical Output | m³/h 30 |
| | 理论上最大泵送压力 Theoretical Maximum Pumping Pressure | MPa 9 |
| | 理论上最大泵送高度 Theoretical Maximum Conveyor Height | m 140 |
| | 理论上最大泵送距离 Theoretical Maximum Transmission Distance | m 350 |
| | 分配阀 Distribution valve | The S tube placed valve |
| | 管径 Conveyor Cylinder | mm Φ180×1000 |
| | 主油缸 Master Cylinder | mm Φ100/Φ70×1000 |
| | 料斗容量 Bucket Capacity | L 450 |
| | 出料口直径 Discharging Diameter | mm Φ150 |
| | 输送管直径 Duct Diameter | mm Φ125 |
| | 电机功率 Motor Power | kw 37 |
| | 电压 Voltage | V 380 |
| | 泵送系统油压 Full Oil Pressure Of Pumping System | MPa 30 |
| | 搅拌系统油压 Full Oil Pressure Of Mixing System | MPa 14 |
| | 最大搅拌速度 Maximum Mixing Speed | r/min 24 |
| 搅拌机 Concrete Mixer | 混凝土塌落度范围 The Concrete Slump Degrees Range | mm 80~200 |
| | 骨料最大粒径 Aggregate Maximum Diameter | mm Pebble 40, crushed stone 30 |
| | 搅拌容量 Mixing volume | m³ 0.5 |
| | 搅拌电机功率 Mixing Motor Power | kw 5.5 kw×2 |
| | 提升电机功率 Lifting Motor Power | kw 5.5 kw |
| 整机 Total | 电压 Voltage | V 380 |
| | 整机尺寸 Dimensions | mm 4270×2350×2980 |
| | 总重 Weight | kg 3300 |

Brief Introduction

The HBT series pumps are concrete transport machines, which are widely used for the construction works in city construction, bridge construction, electric power and other energy source facilities and so on. The machines adopt world-level advanced technologies such as open hydraulic loop, distributing valve auto-compensation clearance, constant power control, all-hydraulic automatic reverse and electric proportional control. DASION has carried out in-depth and meticulous studies and experiments in many aspects like the self-lubrication of concrete pistons, which can fully meet the various needs of all customers. All trailer pumps are assembled through streamlined production. DASION strictly controls all the machining processes and the assembly quality, giving final test to every trailer pump through simulated working conditions and overload experiments to ensure zero-fault in customers' first operation.

DHBT adopt diesel engine for power source, which is different with HBT adopt electric motor.

HBT系列输送泵是广泛应用于城建、桥梁、电力和能源等建筑工程的混凝土输送设备。该机采用了开式液压回路，分配阀自动补偿间隙、恒功率控制、全液压自动换向和电比例控制等世界先进技术，对砼活塞自动润滑等多方面进行深入细致的研究试验，安全可以满足各种用户的不同需求。完全采用流水线装配，严格控制各道工序加工及装配质量，每一台拖泵都经过模拟工况超负荷实验进行最终检验，确保用户首次开机零故障。

DHBT和HBT不同的是采用柴油机提供动力，而HBT采用的是电机。

产品简介

Features and Advantages

- High efficient hydraulic system with new high-speed commutation mode, which makes the pump commutation efficiency increase 12%.
- Large displacement pumping system makes the suction efficiency increased by 6%, to meet the needs of a variety of working conditions.
- Overall hydraulic reversing open system has the advantage of high cleanliness of hydraulic oil, low oil temperature and small impact on commutation.
- Master cylinder seal adopts waterproof technology, which can effectively prevent water from entering the hydraulic system, to prevent hydraulic oil emulsification.
- Advanced S tube valve enjoys the advantages of good sealing, while quick-wear parts are economic and durable, easy to replace.
- Hydraulic and electrical main components use internationally renowned brands with high reliability.

- 1、高效液压系统，采用新型高速换向方式，泵送换向效率提高12%。
- 2、大排量泵送系统，吸入效率提高6%。满足各种工况需求。
- 3、全液压换向开式系统，液压油清洁度高，油温低，换向冲击小。
- 4、主油缸采用防水密封专利技术，有效防止水进入液压系统，防止液压油乳化。
- 5、先进的S管阀系统，密封性能好，易换件经济耐用，更换方便。
- 6、液压、电气主要元件采用国际知名品牌，可靠性高。

性能特点