CONCRETE BOOM PUMP · SPECIFICATION

# HR40-5RZ

**HR CONCRETE PUMPS**
Technical specification

| ITEM | | METRIC | IMPERIAL |
|---|---|---|---|
| **BOOM** | | | |
| Number of Sections | | 5 | |
| Folding Type | | RZ | |
| Maximum Vertical Reach | | 39.2 m | 128 ft 7 in |
| Maximum Horizontal Reach | | 35.2 m | 115 ft 6 in |
| Unfolding Height | | 8.3 m | 27 ft 3 in |
| **GENERAL** | | | |
| Delivery Pipe Size (Inner Diameter) | | 125 mm | 5 in |
| Rotation | | 370 ° | |
| End Hose Length | | 3 m (4 m) | 9 ft 10 in (13 ft 1 in) |
| End Hose Size (Inner Diameter) | | 125 mm | 5 in |
| Outrigger Spread | Front | 6,300 mm | 20 ft 8 in |
| | Rear | 8,600 mm | 29 ft 2 in |
| Hopper Capacity | | 600 ℓ | 159 G |
| Water Tank | | 400 ℓ | 106 G |
| Water Pump Pressure | | 20 bar | 290 psi |
| **HYDRAULICS** | | | |
| Output | Rod side | 160 $m^3$/hr | 209 $yd^3$/hr |
| | Piston side | 100 $m^3$/hr | 131 $yd^3$/hr |
| Pressure | Rod side | 70 bar | 1,015 psi |
| | Piston side | 112 bar | 1,624 psi |
| Concrete Cylinder Size (Inner Diameter) | | 230 mm | 9 in |
| Stroke Length | | 2,100 mm | 83 in |
| Drive Cylinder Size (Inner Diameter) | | 130 mm | 5 in |
| Rod Size | | 80 mm | 3 in |
| Number of Strokes | Rod side | 30 / min | |
| | Piston side | 19 / min | |
| Hydraulic System | | Open-loop | |
| Hydraulic System Pressure | | 350 bar | 5,076 psi |
| S-Valve | | D230 x D180 (S2318) | |
| Main Pump | | A11VLO260 (Rexroth) | |

※ All technical data are theoretical values, and specifications are subject to change without prior notice due to continuous product improvement.
※ Subject to change depending on the chassis specifications.