CONCRETE BOOM PUMP · SPECIFICATION

HR43-5RZ

HR CONCRETE PUMPS
Technical specification

ITEM		METRIC	IMPERIAL
BOOM			
Number of Sections		5	
Folding Type		RZ	
Maximum Vertical Reach		42.2 m	138 ft 5 in
Maximum Horizontal Reach		38.2 m	125 ft 4 in
Unfolding Height		8.3 m	21 ft 4 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	8,000 mm	26 ft 3 in
	Rear	9,100 mm	29 ft 10 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.