CONCRETE BOOM PUMP · SPECIFICATION

HR21-4ZR

HR CONCRETE PUMPS
Technical specification

ITEM		METRIC	IMPERIAL
BOOM			
Number of Sections		4	
Folding Type		ZR	
Maximum Vertical Reach		21.2 m	69 ft 5 in
Maximum Horizontal Reach		17.2 m	56 ft 4 in
Unfolding Height		3.9 m	12 ft 9.5 in
GENERAL			
Delivery Pipe Size (Inner Diameter)		125 mm	5 in
Rotation		370 °	
End Hose Length		3 m (4m)	9 ft 8 in (13 ft 1 in)
End Hose Size (Inner Diameter)		125 mm	5 in
Outrigger Spread	Front	3,760 mm	12 ft 3 in
	Rear	2,880 mm	9 ft 4 in
Hopper Capacity		600 ℓ	159 G
Water Tank		400 ℓ	106 G
Water Pump Pressure		20 bar	290 psi
HYDRAULICS			
Output	Rod side	90 m^3/hr	117.7 yd^3/hr
	Piston side	56 m^3/hr	73.2 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		1,400 mm	55 in
Drive Cylinder Size (Inner Diameter)		130 mm	5 in
Rod Size		80 mm	3 in
Number of Strokes	Rod side	26 / min	
	Piston side	16 / min	
Hydraulic System		Open-loop	
Hydraulic System Pressure		350 bar	5,076 psi
S-Valve		D200 x D180 (S2018)	
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.