

5" B SERIES

DTH structure diagram

SF55B/SM55B down-the-hole (DTH) hammer High air pressure without foot valve DTH hammers

Item	Item description	Part number	Weight (kg)
1	Top subs	F55B01	11.70
2	O-ring	F55B02	0.02
3	Check valve	F55B05	0.50
4	Spring	F55B07	0.01
5	Air distributor	F55B11	2.00
6	Inner cylinder	F55B13	2.80
7	Piston	F55B14	15.20
8	Piston case	F55B03	26.50
9	Guide sleeve	F55B17	2.60
10	O-ring	F55B18	0.02
11	Bit retaining ring	F55B19	0.50
12	Chuck	F55B20	6.90
13	Bit		18.00

Technical parameters

Length (less bit, backhead shoulder to chuck)	Weight (without bit)	Outside diameter	Bit shank type	Hole range	Backhead thread	
1103 mm	68.50 kg	126 mm	SD5/SM5	138–152	API 2 3/8 Reg	
Work pressure	Impact rate at 1.7 MPa	Rotation speed	Air consumption			
			1.0 MPa	1.8 MPa	2.4 MPa	
1.0–2.5 MPa	28 Hz	50–70 r/min	7 m ³ /min	14 m ³ /min	19 m ³ /min	

Note: SD5 or DHD350R bits for SF55B hammers. SM5 or Mission 5 bits for SM55B hammers.