

4" B SERIES

DTH structure diagram

SF45B/SM45B down-the-hole (DTH) hammer High air pressure without foot valve DTH hammers

Item	Item description	Part number	Weight (kg)
1	Top subs	F45B01	6.70
2	O-ring	F45B02	0.02
3	Check valve	F45B05	0.50
4	Spring	F45B07	0.10
5	Air distributor	F45B11	1.10
6	Inner cylinder	F45B13	1.70
7	Piston	F45B14	8.30
8	Piston case	F45B03	15.00
9	Guide sleeve	F45B17	1.20
10	O-ring	F45B18	0.02
11	Bit retaining ring	F45B19	0.20
12	Chuck	F45B20	3.60
13	Bit		8.50

Technical parameters

Length (less bit, backhead shoulder to chuck)	Weight (without bit)	Outside diameter	Bit shank type	Hole range	Backhead thread	
985 mm	38.50 kg	99 mm	SD4/SM4	115–133	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	30 Hz	70–90 r/min	5 m ³ /min	8 m ³ /min	13 m ³ /min	

Note: SD4 or DHD340A bits for SF45B hammers. SM4 or Mission 4 bits for SM45B hammers.