



**BERG Kompressoren GmbH**  
Compressed Air Technology | Air Separation

## Ersatzteile und Servicekits / Spare parts and maintenance kit BSDF30

BERG Öl eingespritzt Schraubenkompressor /Oil injected screw compressor

Betriebsstunden / When due	Erforderliche Teile / Parts required	Teile-Nr. / Part.no.	Art.-Nr. / Art.no.	Gewicht, per Stück /Weight a piece	Anzahl / Piece Quant.	Preis, per Stück / Price a piece	Netto- Preis / Price net	Gesamt- Preis / Total
				kg		€	€	€
2.000	Luftfilter / Air filter Ölfilter / Oil filter (below 13 bar) Filtermatte / Filtering mat	BL 480045 + BL 480046 BÖ 480001 BL 483306	WP1	3,0 1,0 1,0	1 1 1	117,00 43,00 92,00	117,00 43,00 92,00	252,00
4.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h Kompressoröl - synthetic oil 35 l exchange,(1 pcs.=5 L) Feinabscheiderpatrone / Oil separator	W 68005 BA 480035	WP2	5,0 5,0 4,5	1 7 1	44,00 263,00	252,00 308,00 263,00	823,00
6.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			252,00	252,00
8.000	Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h		WP2	44,5			823,00	823,00
10.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			252,00	252,00
12.000	Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h Drucksensor / Pressure sensor Wartungspaket für Minimaldruckventil / Maintenance kit for minimum pressure valve Reparatursatz für Saugventile / Suction valve repair kit Thermostatelement / Thermostat element below 13 bar Öltemperatursensor / Oil temperature sensor Magnetventil / solenoid valve	BS 480010 BS 484516 BS 485003 BS 480199 BS 480008 BS 480937	WP3	44,5 0,4 0,3 0,3 0,2 0,3 0,3	1 1 1 1 1 1	131,00 458,00 168,00 102,00 62,00 104,00	823,00 131,00 458,00 168,00 102,00 62,00 104,00	1.848,00
14.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			252,00	252,00
16.000	Servicepaket WP2 wie bei 8.000 h / Maintenance kit WP2 as for 4.000 h		WP2	44,5			823,00	823,00
18.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			252,00	252,00
20.000	Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h		WP2	44,5			823,00	823,00
22.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			252,00	252,00
24.000	Servicepaket WP3 wie bei 12.000 h / Maintenance kit WP3 as for 12.000 h Austausch der Schraubenverdichter / Screw aierend replacement (compressor until 10 bar) EVO-9 Thermoelement / Thermocouple Schütze / Contactors Kupplungseinsatz / Coupling insert	BS 480153 BS 484811 BS 480763 BS 480164	WP4	46,3 60,0 0,4 0,2 0,5	1 1 1 1	1.615,00 132,00 12,00 30,00	1.848,00 1.615,00 132,00 12,00 30,00	3.637,00
* - erforderlich weitere Teile ist abhängig vom Serviceplan und Einsatzbedingungen * - further parts are required depending on wear or recommendations in the maintenance schedule								



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Schedule of technical inspections of BERG oil injected screw compressors

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Required steps	2000	4000	6000	8000	10000	12000	14000	16000	18000	20000	22000	24000	26000	28000	30000	32000	34000	36000	38000	40000
Replace the air filter cartridge	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Replace the oil filter	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Oil change		X		X		X		X		X		X		X		X		X		X
Oil separator replacement		X		X		X		X		X		X		X		X		X		X
Check electrical connections and cables	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Checking the plugs and connections of the control unit	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Safety valve operation check						X						X							X	
Checking the screw stage bearings						X						X							X	
Checking the engine cushions and screw air end						X						X							X	
Motor bearing check			X			X			X			X			X			X		
Control of the steering system	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Relief System Check if present	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Checking the minimum pressure valve	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Checking the oil suction system	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Control of thermistor settings and operation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Check the indications of the wear monitor of the frequency converter components and replace if necessary	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Switch cabinet filter replacement	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Contactors control	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Contactors replacement												X								
Lubricate the motor bearings	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Filter mat replacement	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Thermostat cartridge replacement			X			X			X			X			X			X		
Pressure valve repair kit replacement min.				X				X				X				X				X
Replace the VMC suction valve repair kit				X				X				X				X				X
Replace the suction valve repair kit						X						X							X	
Relief valve repair kit replacement if present			X			X			X			X			X			X		
Replacement of solenoids						X						X						X		
Pressure sensor replacement								X								X				
Replacing V-belt if present			X			X			X			X			X			X		
Clutch liner replacement if present						X						X						X		
Hose replacement												X								
Replacing the motor bearings (non-lubricated)						X						X						X		
Replacing the motor bearings (lubricated)												X								
Oil temperature sensor replacement								X								X				
Replace the shaft seal ring				X				X				X				X				X
Screw air end overhaul/replacement												X								

Warranty inspections should be performed according to the schedule, every 2000 hours of compressor operation or annually (if the compressor has not worked 2000 hours in 12 months).

If it is necessary to replace additional elements not covered by the warranty, the costs of the replaced parts will be added to the prices indicated.

The cost of the service inspection is determined by the price list of the manufacture or a local distributor according to the date of ordering the service.