



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

## Ersatzteile und Servicekits / Spare parts and maintenance kit BSDF160

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	BL 480048 + BL 480061	WP1	3,0	1	187,00	<b>187,00</b>	<b>390,00</b>
	Ölfilter / Oil filter	W 480005		1,0	1	104,00	<b>104,00</b>	
	Filtermatte / Filtering mat	BL 483306		1,0	1	99,00	<b>99,00</b>	
4.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP2	5,0			<b>390,00</b>	<b>1.914,00</b>
	Kompressoröl - synthetic oil 100 l exchange,(1 pcs.=5 L)	W 68005		5,0	20	55,00	<b>1.100,00</b>	
	Feinabscheiderpatrone / Oil separator	BA 480036		4,5	1	424,00	<b>424,00</b>	
6.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			<b>390,00</b>	<b>390,00</b>
8.000	Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h		WP2	109,5			<b>1.914,00</b>	<b>1.914,00</b>
10.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			<b>390,00</b>	<b>390,00</b>
12.000	Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h		WP3	109,5			<b>1.914,00</b>	<b>3.225,00</b>
	Drucksensor / Pressure sensor	BS 480010		0,4	1	142,00	<b>142,00</b>	
	Wartungspaket für Minimaldruckventil / Maintenance kit for minimum pressure valve	BS 482444		0,3	1	255,00	<b>255,00</b>	
	Reparatursatz für Saugventile / Suction valve repair kit	BS 484114		0,3	1	434,00	<b>434,00</b>	
	Reparatursatz für Überdruckventile / Relief valve repair kit	BS 484838		0,3	1	100,00	<b>100,00</b>	
	Thermostatelement / Thermostat element (below 13 bar)	BS 480193		0,2	1	246,00	<b>246,00</b>	
	Öltemperatursensor / Oil temperature sensor	BS 480008		0,3	1	67,00	<b>67,00</b>	
	Magnetventil / solenoid valve	BS 480022	0,3	1	67,00	<b>67,00</b>		
14.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			<b>390,00</b>	<b>390,00</b>
16.000	Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h		WP2	109,5			<b>1.914,00</b>	<b>1.914,00</b>
18.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			<b>390,00</b>	<b>390,00</b>
20.000	Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h		WP2	109,5			<b>1.914,00</b>	<b>1.914,00</b>
22.000	Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h		WP1	5,0			<b>390,00</b>	<b>390,00</b>
24.000	Servicepaket WP3 wie bei 12.000 h / Maintenance kit WP3 as for 12.000 h		WP4	111,6			<b>3.225,00</b>	<b>3.342,00</b>
	Kupplungseinsatz / Coupling insert	BS 482047		0,5	1	117,00	<b>117,00</b>	
	* - erfordernis weitere Teile ist abhängig vom Serviceplan und Einsatzbedingungen * - further parts are required depending on wear or recommendations in the maintenance schedule							

## Technical inspections schedule oil lubricated screw compressors (KOMPBERG BSDF 160)

October 2024

Required servicing	3000	6000	9000	12000	15000	18000	21000	24000	27000	30000	33000	36000	39000
Air filter element change	X	X	X	X	X	X	X	X	X	X	X	X	X
Oil filter change	X	X	X	X	X	X	X	X	X	X	X	X	X
Checking electrical connections and cables	X	X	X	X	X	X	X	X	X	X	X	X	X
Checking plugs and connections of controller	X	X	X	X	X	X	X	X	X	X	X	X	X
Safety valve function check				X				X				X	
Checking the vibration dampers of motor and screw air end				X				X				X	
Checking motor bearings		X				X				X		X	
Control of the steering system	X	X	X	X	X	X	X	X	X	X	X	X	X
Relief system control	X	X	X	X	X	X	X	X	X	X	X	X	X
Checking of minimum pressure valve	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
Control of thermistor settings and operation	X	X	X	X	X	X	X	X	X	X	X	X	X
Check the monitor indications of the frequency	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	X	X	X
Separator change		X		X		X		X		X		X	
Contacteur control	X	X	X	X	X	X	X	X	X	X	X	X	X
Contacteur change								X					
Service inspection of the dryer ( <i>compressor with dryer</i> )	X	X	X	X	X	X	X	X	X	X	X	X	X
Service inspection of the dryer drain ( <i>compressor with dryer</i> )	X	X	X	X	X	X	X	X	X	X	X	X	X

Required servicing	3000	6000	9000	12000	15000	18000	21000	24000	27000	30000	33000	36000	39000
Lubricate the motor bearings	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
Replacing the compressed air pre-filter	X	X	X	X	X	X	X	X	X	X	X	X	X
Replacing the compressed air fine-filter	X	X	X	X	X	X	X	X	X	X	X	X	X
Thermostat cartridge replacement		X		X		X		X		X		X	
Replace the minimum pressure valve repair kit		X		X				X		X			
Replace suction valve repair kit			X			X			X			X	
Replace the relief velfe service kit		X		X		X		X		X		X	
Replacement of solenoids				X				X				X	
Replacing the pressure sensor				X				X				X	
Clutch liner replacement				X				X				X	
Hoses replacement								X					
Replacing the motor bearings (non-lubricated)				X				X				X	
Replacing the motor bearings (lubricated)								X					
Oil temperature sensor replacement				X				X				X	
Replace the shaft seal ring			X			X					X		
Screw air end overhaul								X					