

PRODUCT - DATA SHEET

Topic: Kopperschmidt Classic Line
Product: M2001-30.50 (D160 S70-050) Piston pump

M2001_30_50 Kolbenpumpe_PD_E_e

Stand: 04/2025

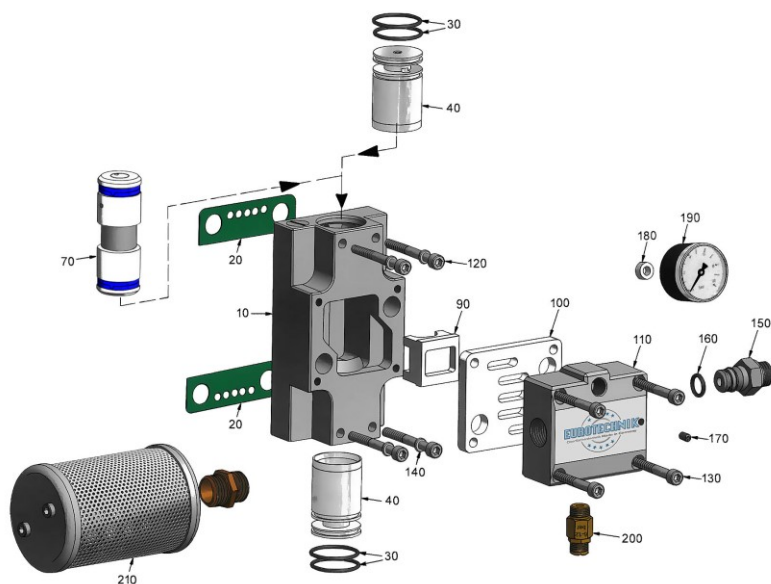
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Quality Products

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KOPPERSCHMIDT



Air control block			
Part-No.: 2001D XXX070			
Pos.	Amount	Description	Part Number
10	1	housing	20010 100101
20*	2	flat seal	
30*	4	o-ring	
40	2	bushing	20010 100401
70+	1	control piston	
90+	1	slider	
100+	1	slide plate	
110	1	connector	20010 101101
120	4	cylinder screw ¹	90711 006055
130	4	cylinder screw ²	90711 006045
140	4	disc	90711 906012
150	1	connector	20010 101501
160*	1	o-ring	
170	1	grub screw	91711 205010
180	1	sealing	35255 006011
190	1	air pressure gauge	82050 010141
200	1	safety valve 8 bar	15952 011208
210	1	silencer	15003 012004

^{1/2} torque with 10Nm (Mean value of the thread table)

Available service kits for air control block:

Service kit sealings **Part-No. 20002 070308 ***

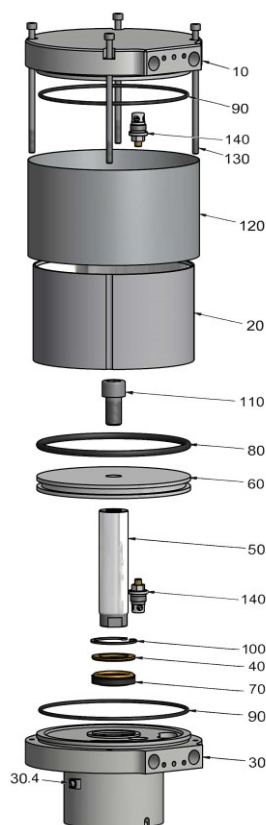
Service kit wear parts **Part-No. 20012 070308 +**

Reconstruction kit air control block M2000 to M2001:

Part-No. 20092 070308

Reconstruction kit connector housing M1000 to M2001:

Part-No. 10010 028001



Air motor D160 S70			
Part-No.: 20011 600007			
Pos.	Amount	Description	Part Number
10	1	cylinder lid	20011 600101
20	1	cylinder	20011 600201
30	1	motor flange	20011 600301
30.4	1	ground terminal	
40	1	disc	20011 600401
50	1	piston rod	20011 600501
60	1	disc piston	20011 600601
70*	1	sealing ring	
80*	1	o-ring	
90*	2	o-ring	
100	1	lock ring	90810 JV0045
110	1	cylinder screw ¹	9E710 016030
120	1	cover	20011 601201
130	4	cylinder screw ²	90711 006130
140	2	sensing valve	20010 010001

¹ torque with 200Nm / ² torque with 10Nm
(Mean value of the thread table)

Available service kit for air motor:

Service kit sealings **Part-No. 20001 160308 ***

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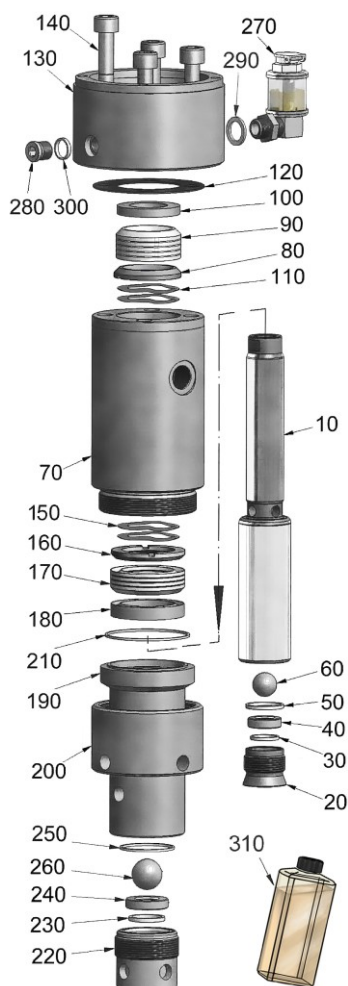
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The rinsing liquid SB Pos.: 310 Part-No.: 15009 01SB01-FDA must be used for use in the food sector!

This oil is to be used for the lubrication of packings and o-rings during assembly!

Fluid section M2001-050

Part-No.: 20010 500000 (PTFE/PE) for Air Motor D110-D160

Part-No.: 20010 500002 (PTFE/PE) for Air Motor D200

Part-No.: 20010 500010 (PTFE/leather) for Air Motor D110-D160

Part-No.: 20010 500012 (PTFE/leather) for Air Motor D200

Part-No.: 20010 500020 (PTFE) for Air Motor D110-D160

Part-no.: 20010 500022 (PTFE) for Air Motor D200

Pos.	Amount	Description	Part Number
10	1	piston	20010 500101
20	1	hollow screw	20010 500201
30*	1	sealing ring	
40-	1	valve seat TC	
50*	1	sealing ring	
60-	1	ball	
70	1	cylinder upper	20010 500701
80	1	gland, female	42960 299463
90*	1	v-packing set PTFE	
90*	1	v-packing set PTFE/PE	
90*	1	v-packing set PTFE/leather	
100	1	gland, male	43955 299470
110	2	sine spring	99242 460330
120*	1	flat seal	
130	1	coupling housing (D110-D160)	20010 501301
130	1	coupling housing (D200)	20010 501302
140	4	cylinder screw ¹	90711 010060
150	2	sine spring	99242 545450
160	1	gland, male	42952 417543
170*	1	v-packing set PTFE	
170*	1	v-packing set PTFE/PE	
180	1	gland, female	43983 417550
190	1	cylinder lower	20010 501901
200	1	retainer ring	20010 502001
210*	1	sealing ring	
220	1	hollow screw	20010 502201
230*	1	sealing ring	
240-	1	valve seat TC	
250*	1	sealing ring	
260-	1	ball	
270	1	fluid level indicator	20010 000020
280	1	locking screw	20010 000010
290	1	sealing ring	36216 013018
300	1	sealing ring	36425 012014
310		rinsing liquid	15009 010001
310		rinsing liquid SB, (FDA approved)	15009 01SB01-FDA

¹ torque with 50Nm (Mean value of the thread table)

Available service kits for fluid section:

Service kit sealings PTFE	Part-No. 20000 050300 *
Service kit sealings PTFE/leather	Part-No. 20000 050304 *
Service kit sealings PTFE/PE	Part-No. 20000 050306 *
Service kit valves TC	Part-No. 20025 050308 -