

Josef Mehrer GmbH, Kompressorenfabrik , D-72336 Balingen



Parts List No. 6-1840 -Len to PI Diagram No. 6-1840

Compressor Unit TEW 91/130-30

Creation date 09.11.2007 Blum

Drawing No. 5453

Rev. 1

Mehrer Order-No. 83558

Datum 29.01.2008

Customer AscoTec, Düsseldorf

Name Blum

Pos.	Pcs	Description	Function/Adjustment/Remarks	Id.-No.	Type/Size/Material
10	1	Motor	-	34000097	30 kW, 1500 rpm, 3-400/690 V, 50Hz, IP55, ISO F, 200L, PTC-Thermistor
20	1	Compressor	-	39005188	TEW 91/130/S2
30	1	Filter	Suction Filter	00167063	21 l, 16 bar, 1.4541
60	1	Cooler	Aftercooler	34100482	PNK 65/900-41-16, 1.4541, E&K
70	1	Separator	-	34100480	AVN 65/40-41-16, E&K, Zg.-Nr.5443
80	1	Non-Return Valve	-	09080054	Vt.30/1.0
90	1	Safety Valve	-	33003381	G 1/2 - G 1/2, 16 bar, Nr. 4384.2982-H, Leser
110	1	Ball Cock	-	03005308	G 1/4 PN 25, 1.4401
120	1	Ball Cock	-	03005308	G 1/4 PN 25, 1.4401
130	1	Pressure Gauge	Suction Pressure	33030043	NG 63, G 1/4 u, 0-6 bar, Niro, glycerine filling
140	1	Pressure Gauge	Outlet Pressure	33030074	NG 63, G 1/4 u, 0-16 bar, Niro, glycerine filling
150	1	Solenoid Valve		33522386	2/2, DN 50 PN 16, NC, VA, 230V/40-60 Hz, Typ 8514700.8404.23049, Buschjost
170	1	Thermometer	-	03035071	G 1/2, DIN 16186S, 0-300 °C, TR 40-1.4305
180	1	Thermometer	-	03035036	G 1/2, DIN 16182S, 0-100 °C, TR 40-1.4305
190	1	Strainer	-	09070037	Ft.32, G 1/2, 1.4541
200	1	Condensate Drain	-	03014018	Nr. 70190056, 0-2 bar, G 3/4 x G 1/2A, 1.4571, Mankenberg
210	1	Strainer	-	09070037	Ft.32, G 1/2, 1.4541
220	1	Condensate Drain	-	03014016	Nr. 70190076A-7, 8-20 bar, G 3/4 x G 1/2A, 1.4571, Mankenberg
230	1	Drain Cock	-	03005195	G 1/2 PN 16, Ms
240	1	Strainer	-	03013030	G 3/4 PN 16, Ms
250	1	Solenoid Valve	Cooling Water Stop	03522023	2/2, G 3/4, NC, No. SCE238A009, 230 V/50-60 Hz, Asco
260	1	Drain Cock	-	03005195	G 1/2 PN 16, Ms
280	1	Thermostatic Valve	Cooling Water Regulation	03015015	G 1/2, AVTA 15, 10-80 °C, Ms, No. 003N0107, Danfoss

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285	1	Immersion Tube		03015077	G 1/2, NL 182, No. 003N0196, 1.4301, Danfoss
290	1	Thermostatic Valve	Adjustment 40 °C	03015015	G 1/2, AVTA 15, 10-80 °C, Ms, No. 003N0107, Danfoss
300	1	Drain Cock		03005195	G 1/2 PN 16, Ms
310	1	Thermometer	-	03035035	G 1/2, DIN 16182S, 0-100 °C, TR 40-Ms
320	1	Thermostat	Temp. Guard 60 °C rising	03015100	RT 101, No. 17-5003, Danfoss
325	1	Immersion Tube	-	03015111	G 1/2 NL 112, No. 993N3568, Ms, Danfoss
330	1	Ball Cock		03005303	G 1/4 PN 30, Ms, Type 3501
340	1	Non-Return Valve		03010042	TA 413/04, G 1/2, Reisser
350	1	Safety Valve		03003251	G 1/2, 3 bar, SM 120 - 1/2 B, Ms, Braukmann
360	1	Ball Cock		03005303	G 1/4 PN 30, Ms, Type 3501
370	1	Drain Cock	-	03005195	G 1/2 PN 16, Ms
380	1	Filter		09070043	Ft.36-Niro, G 1/8
390	1	Solenoid Valve	Discharge	03522101	3/2, G 1/8, DN 1.5, NO, 311D, Ms, 230/50, No. 042098V, Bürkert
400	1	Unloader Fork	Discharge	30157001	pneumat., compressor mounted
420	1	Pressure Gauge	Oil Pressure	03030044	NG 63, G 1/4 h, 0-1.6 bar, glycerine filling, red mark at 0,5 and 1 bar
430	1	Pressure Switch	Oil Pressure Guard	03505306	602-2-211, Kant, Adjustment 0.4 bar falling
550	1	Pressure Switch	Suction Pressure Guard On/Off 1,5/1 bar	03015130	RT 116, No. 17-5203, Danfoss
560	1	Pressure Switch	Discharge Pressure Guard 15 bar rising	03015075	RT 5, No. 17-5255, Danfoss
570	1	Pressure Switch	Compressor Control On/Off 12,8/14 bar	03015075	RT 5, No. 17-5255, Danfoss
600	1	Non-Return Valve	-	09080229	Vt.48, G 1/4, Niro
610	1	Non-Return Valve	-	09080229	Vt.48, G 1/4, Niro

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Pos.	Pcs	Description	Function/Adjustment/Remarks	Id.-No.	Type/Size/Material
630	1	Ball Cock		03005308	G 1/4 PN 25, 1.4401
740	1	Level Guard		33015312	Liquiphant FTL 20-0010, AC, G1/2