



SCREW COMPRESSORS

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EKOMAK SCREW COMPRESSORS - ENERGY RECOVERY SYSTEM FEATURES

EKO 11 - 250 kW with Energy Recovery System		EKO 11 E	EKO 15 E
HEAT RECOVERY SYSTEM (*)	Unit		
Design		Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		3/4"	3/4"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	5	7,2
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5

EKO 11 - 250 kW with Energy Recovery System		EKO 18 E	EKO 22 E
HEAT RECOVERY SYSTEM (*)	Unit		
Design		Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		3/4"	1"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	8,5	10,2
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5

(*) In addition to standard air-cooled oil&air cooling system of the compressor.



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EKO 11 - 250 kW with Energy Recovery System		EKO 30 E	EKO 37 E
HEAT RECOVERY SYSTEM (*)	Unit		
Design		Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		1"	1"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	13,2	16,1
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5
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EKO 11 - 250 kW with Energy Recovery System		EKO 45 E	EKO 45S E
HEAT RECOVERY SYSTEM (*)	Unit		
Design		Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		1"	1"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	20	20,8
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5

(*) In addition to standard air-cooled oil&air cooling system of the compressor.



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EKO 11 - 250 kW with Energy Recovery System		EKO 55 E	EKO 75 E
HEAT RECOVERY SYSTEM (*)			
Design	Unit	Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		1"	1"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	23,8	29,7
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5
EKO 11 - 250 kW with Energy Recovery System		EKO 75S E	EKO 90 E
HEAT RECOVERY SYSTEM (*)			
Design	Unit	Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		1"	1"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	38,7	41,2
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5

(*) In addition to standard air-cooled oil&air cooling system of the compressor.

EKOMAK SCREW COMPRESSORS - ENERGY RECOVERY SYSTEM FEATURES			
EKO 11 - 250 kW with Energy Recovery System		EKO 110 E	EKO 110S E
HEAT RECOVERY SYSTEM (*)	Unit		
Design		Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		1 1/4"	1 1/4"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	50	50
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5
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EKO 11 - 250 kW with Energy Recovery System		EKO 132 E	EKO 160 E
HEAT RECOVERY SYSTEM (*)	Unit		
Design		Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		1 1/4"	1 1/4"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	58,1	62
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5

(*) In addition to standard air-cooled oil&air cooling system of the compressor.



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EKO 11 - 250 kW with Energy Recovery System		EKO 200 E	EKO 250 E
HEAT RECOVERY SYSTEM (*)	Unit		
Design		Cooling water circulation (closed cycle)	Cooling water circulation (closed cycle)
Oil-Water Heat Exchanger Type		Plate Bar (Brazed) Type Heat Exchanger	Plate Bar (Brazed) Type Heat Exchanger
Water Side Connection Diameter		1 1/4"	1 1/4"
Oil-Water Heat Exchanger, Water Supply Temp.	°C	45	45
Water Flow Rate	l/min	86,6	91,2
Oil-Water Heat Exchanger, Water Return Temp.	°C	70	70
Water Pressure Loss inside the exchanger (max.)	bar	0,5	0,5

(*) In addition to standard air-cooled oil&air cooling system of the compressor.