

Variable Oil Treatment Plant

VOP 060

Operating Instructions

BV554435

1.2 Technical Data

Model	VOP	030	060	090	120	160
Dimensions (optional equipment excluded)						
- Length L	[mm]		2750			
- Width B	[mm]		1650			
- Height H	[mm]		2150			
- Weight (without trailer/container)	[kg]		1950			
color (paint):						
- deep black	[RAL]		9005			
- canola yellow	[RAL]		1021			
Max. oil content transformer	[t]		12-60			
Oil throughput:						
- oil treatment min.	[l/h]		2000			
- oil treatment max.	[l/h]		6000			
inlet pressure min. (abs)	[bar]		0.8			
inlet pressure max. (abs)	[bar]		2			
max. feeding pressure at plant outlet (abs)	[bar]		3			
Connecting pipe dimensions:						
- oil inlet	[DN]		40			
- oil outlet	[DN]		40			
- exhaust pipe of vacuum pump	[DN]		50/G2"			
Oil temperature:						
ΔT at - 100% throughput	[°C]		27			
- 60% throughput	[°C]		40			
- 40% throughput	[°C]		80			
Operating temperature	[°C]		40 – 65			
Nominal suction capacity (50Hz)	[m ³ /h]		160			
Additional capacity (large vacuum pump)	[m ³ /h]		160			
Filter specifications						
- Coarse filter (mesh grid)	[μm]		250			
- Fine filter with filter cartridge	[μm]		1 / 5			
- Fine filter with filter cartridge	[μm]		1 / 5			
Net volumes						
- entire plant (with options)	[dm ³]		850			
- degassing unit	[dm ³]		645			
- oil heater	[dm ³]		140			
- fine filter Pos. 25	[dm ³]		23			
- fine filter Pos. 125 (option)	[dm ³]		23			
Electrical power consumption						
Heating unit	[kW]		90			
Heating Steps each	[kW]		2 x 45			
Audio pressure level (DIN 456335)	dB(A)		< 75			

Engineering design standard:	according to CE norm
Electric design standard:	according to VDE / IEC

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