

Westfalia Laboratory Separator/High-Speed Centrifuge

Mfg: Westfalia

Model: SA 1-02-175

Stock No. tPEBE02.

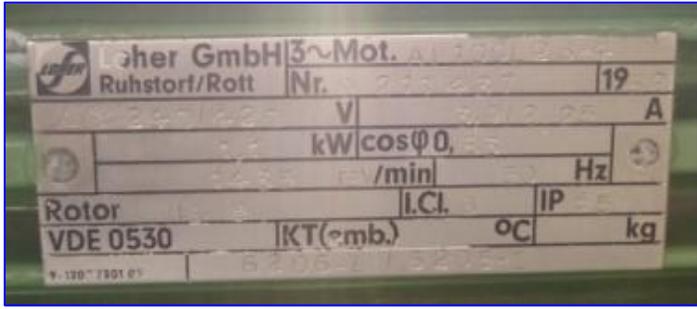
Serial No. 1678 010

Westfalia Laboratory Separator/High-Speed Centrifuge. Model SA 1-02-175, S/N 1678 010. Separator consists of a single centripetal pump used for pressure discharge of light liquid while heavy liquid is discharged without pressure. This separator can also be used as a clarifier. Bowl rpm: 10,000. Infeed rate: 1 liter/min. Heavy liquid 1.1kg/dm³. Solids 1.2kg/dm³. Inlets: (1) 1/4 in. dia. threaded fitting, (2) 1/2 in. dia. NPT fittings, (1) 5/8 in. dia. hose, (1) 3/4 in. dia. (1) 3 in. dia. threaded fitting. Outlets: (1) 1/2 in. dia. threaded fitting, (1) 5/8 in. dia. hose, (1) 1 in. dia. pipe, (1) 1-1/2 in. dia. threaded fitting. Overall dimensions: 102 in. L x 39 in. W x 72 in. H. Unit is continuous which provides better test results versus batch type.

Loher Motor, 1.1 kW, 1750 rpm, 240/420 V, 3.9/2.25 amps, 50 Hz, 3 phase. Baldor Variable Speed Drive, Cat No: ID15H401-E, S/N: 0695PX088, input: 460 VAC, 50/60 Hz, 3 phase, output: 3/4 to 1 hp with constant torque and variable torque, respectively, 460 VAC, 0-400 Hz, 3 phase. King Pump, Model: F432, S/N: 3058981. Baldor Motor, 1/3 hp, 1725 rpm, 208-230/460 V, 1.8-1.6/0.8 amps, 60 Hz, 3 phase. The separator with self-cleaning bowl is used for the separation and clarifications of liquid mixtures, for removal of undesirable solids or recovery of valuable substances from liquids. The operation is continuous--centrifugally separated solids being ejected from the bowl at pre-determined intervals at full speed of the bowl. Separation can only take place if there is a difference in specific gravities of the different components of the liquid to be processed and if the components are not emulsified.







CATALOG NO. 1015H401-E
 SERIAL NO. 0694X086
 SPEC NO. FB1001C-00

BALDOR

INPUT	480 VAC 3PH 50/60 HZ			
OUTPUT	480 VAC 3PH 0-400 HZ			
OPERATING ZONE	STANDARD 2.5 KHZ PWM		QUIET 8.0 KHZ PWM	
	CONSTANT TORQUE**	VARIABLE TORQUE	CONSTANT TORQUE	VARIABLE TORQUE
FLA INPUT	1.9	3.5	1.4	1.9
HP OUT	1	2	.75	1
KW OUT	.75	1.5	.6	.75
FLA OUT	1.8	3.4	1.4	1.8
PK A OUT*	3.6	3.9	2.8	2.1

*UL 800 - SEE MANUAL **FACTORY PRESET

TYPE 1 - INDOOR USE ONLY

