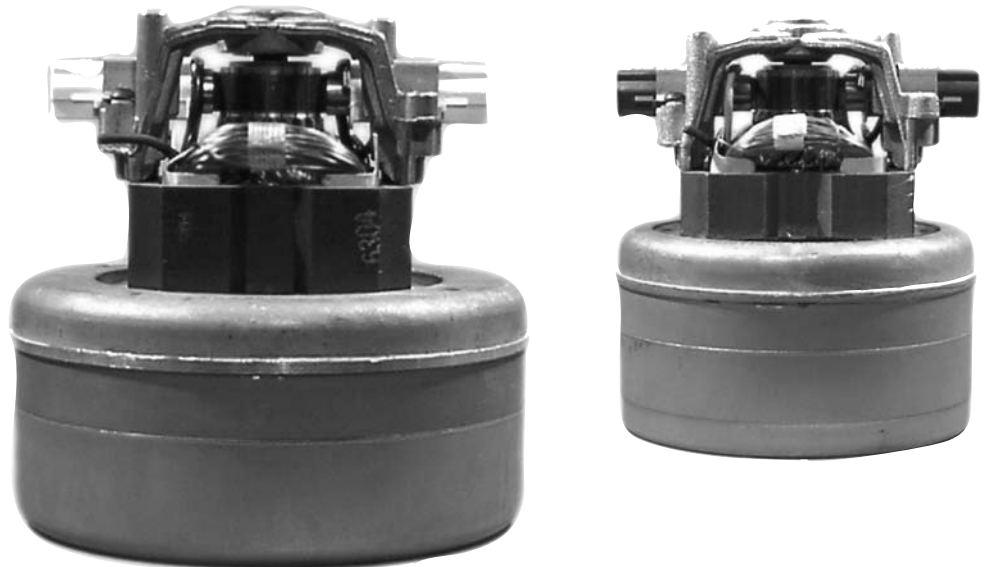


## 4.8" & 5.7" Diameter - "Lamb - Ametek" Vacuum Motors

Typical Applications : Canister Type Vacuums, Utility Vacuums, Light Duty Commercial, Dry Applications Only



Motors

### 4.3" Diameter Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
116378-00	115	7.5	Ball/Ball	Thru-Flow	Standard Design

### 4.8" Diameter Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
116148-00	115	6.3	Ball/Sleeve	Thru-Flow	Standard Design

### 5.7" Diameter Single Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
116309-00	115	6.8	Ball /Sleeve	Thru-Flow	Standard Design, Replaces 115717
116455-50	115	6.8	Ball /Sleeve	Thru-Flow	Standard Design
116297-00	115	6.9	Ball /Sleeve	Thru-Flow	High Efficiency Design, Replaces 115924
117760-00	115	7.0	Ball/Ball	Thru-Flow	Standard Design
119400-00	115	7.0	Ball/Ball	Thru-Flow	Standard Design
115955	220/240	3.2	Ball /Sleeve	Thru-Flow	Standard Design
116310-00	220/240	3.8	Ball /Sleeve	Thru-Flow	Standard Design

### 5.7" Diameter Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
115756	220	3.82	Ball/Sleeve	Thru-Flow	Standard Design
115792	115	4.0	Ball/Sleeve	Thru-Flow	Specially Wound for Reduced Performance
116670-50	230	4.6	Ball/Sleeve	Thru-Flow	Standard Design
116311-00	115	7.7	Ball/Sleeve	Thru-Flow	Standard Design, Replaces 115737
116311-01	115	7.7	Ball/Ball	Thru-Flow	Standard Design, Replaces 115750
115744	115	8.0	Ball/Sleeve	Thru-Flow	Automatic Thermal Overload, Standard Design
116457-00	115	8.3	Ball/Ball	Thru-Flow	Standard Design
116669-50	115	8.6	Ball/Ball	Thru-Flow	Standard Design
116227-00	115	8.8	Ball/Ball	Thru-Flow	Two Speed, Replaces 115736, Standard Design
116671-50	115	9.4	Ball/Sleeve	Thru-Flow	Standard Design
115982	115	9.5	Ball/Sleeve	Thru-Flow	High Efficiency Design
116429-00	115	9.6	Ball/Sleeve	Thru-Flow	High Efficiency Design, Automatic Thermal Overload
115923	115	9.7	Ball/Ball	Thru-Flow	High Efficiency Design
116432-00	115	10.6	Ball/Ball	Thru-Flow	Standard Design
116312-00	220	4.0	Ball/Sleeve	Thru-Flow	Standard Design, Replaces 115756
116343-00	230	4.7	Ball/Sleeve	Thru-Flow	High Efficiency Design

Rotation determined opposite shaft end  
Double shaft determined at lead end

Shaft length measured from hub  
face to shaft end

# By-Pass Vacuum Motors



## 5.7" Diameter - "Lamb - Ametek" Vacuum Motors

Typical Applications : Utility Vacuums, Commercial Vacuums, Carwash Vacuums, Steam Carpet Cleaners

Peripheral Discharge



Tangential Discharge



### Single Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
116325-00	115	5.6	Ball/Sleeve	Peripheral	Standard Design
116520-50	115	5.8	Ball/Sleeve	Tangential	Standard Design
116299-00	120	5.8	Ball/Sleeve	Peripheral	Standard Design
116196-00	115	7.0	Ball/Sleeve	Peripheral	"High Airflow" Design
115977	230	3.8	Ball/Sleeve	Peripheral	"High Airflow" Design
116340-00	230	3.8	Ball/Sleeve	Peripheral	"High Airflow" Design

### Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
116155-00	24 VDC	14.4	Ball/Ball	Peripheral	Air Sealed Bearing Protection, Epoxy Coated Fan Case
116157-00	24 VDC	14.4	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case
115460	24 VDC	14.8	Ball/Ball	Peripheral	Standard Design
116156-00	36 VDC	10.8	Ball/Ball	Peripheral	Air Sealed Bearing Protection, Epoxy Coated Fan Case
116158-00	36 VDC	10.8	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case
116409-13	36 VDC	13.0	Ball/Ball	Tangential	Standard Design
116158-01	36 VDC	17.5	Ball/Ball	Tangential	Standard Design
116406-13	115	15.1	Ball/Ball	Peripheral	Air Sealed Bearing Protection, Epoxy Coated Fan Case
116757-13	115	7.9	Ball/Ball	Peripheral	Low Noise "Acustek" Design, Epoxy Coated Fan Case, Air Sealed Bearing
116336-00	115	8.0	Ball/Sleeve	Peripheral	Standard Design, Replaces 115757
116336-01	115	8.0	Ball/Ball	Peripheral	Standard Design
116392-00	115	8.0	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case, Replaces 115894
116392-01	115	8.6	Ball/Ball	Tangential	Standard Design
116212-00	115	9.1	Ball/Ball	Peripheral	Epoxy Coated Fan Case
116114-00	115	9.1	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case
116207-00	115	9.1	Ball/Ball	Tangential	Epoxy Coated Fan Case
115909	115	9.1	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case
116758-13	115	9.1	Ball/Ball	Peripheral	Low Noise "Acustek" Design, Epoxy Coated Fan Case, Air Sealed Bearing
119407-13	115	10.7	Ball/Ball	Tangential	Standard Design
116763-13	115	11.3	Ball/Ball	Peripheral	Low Noise "Acoustek" Design
116471-00	115	11.7	Ball/Ball	Peripheral	Standard Design
116472-13	115	11.7	Ball/Ball	Tangential	Standard Design
116472-00	115	11.7	Ball/Ball	Tangential	Standard Design
117100-00	115	12.0	Ball/Ball	Tangential	Standard Design
119631-00	115	14.5	Ball/Ball	Tangential	Air watts Series
116125-00	230	3.3	Ball/Sleeve	Peripheral	Standard Design
119405-00	230	3.4	Ball/Ball	Peripheral	Standard Design
116213-00	230	4.6	Ball/Ball	Tangential	Epoxy Coated Fan Case
116420-13	230	4.4	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case
116549-13	230	5.9	Ball/Ball	Peripheral	Low Noise "Acoustek" Design

Motors

## 5.7" & 7.2" Diameter - "Lamb - Ametek" Vacuum Motors

Typical Applications : Utility Vacuums, Commercial Vacuums, Carwash Vacuums, Steam Carpet Cleaners

Peripheral Discharge



Tangential Discharge



### 5.7" Three Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
116514-13	24VDC	21.0	Ball/Ball	Peripheral	Standard Design
116515-13	24VDC	21.0	Ball/Ball	Tangential	Standard Design
116598-13	24VDC	22.7	Ball/Ball	Peripheral	"Acoustek" Design
116512-13	36VDC	17.4	Ball/Ball	Peripheral	Standard Design
116513-13	36VDC	17.4	Ball/Ball	Tangential	Standard Design
119432-13	36VDC	17.4	Ball/Ball	Tangential	Standard Design
116565-00	115	10.3	Ball/Ball	Tangential	Standard Design
116565-13	115	10.3	Ball/Ball	Tangential	Standard Design
116566-13	115	10.3	Ball/Ball	Peripheral	Standard Design
116764-13	115	10.7	Ball/Ball	Peripheral	"Acoustek" Design
116765-00	115	10.7	Ball/Ball	Tangential	Standard Design
116765-13	115	10.7	Ball/Ball	Tangential	Standard Design
116859-13	230	6.8	Ball/Ball	Tangential	Standard Design
117123-00	230	6.8	Ball/Ball	Tangential	Standard Design

### 7.2" Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
117465-13	120	11.3	Ball/Ball	Tangential	Redesign
117508-13	120	11.4	Ball/Ball	Peripheral	Redesign
117467-00	120	12.2	Ball/Ball	Tangential	Redesign
115991	120	13	Ball/Ball	Tangential	Old Style
115962	115	13.0	Ball/Ball	Peripheral	Air Sealed Bearing Protection, Epoxy Coated Fan Case
117465-00	115	13.3	Ball/Ball	Tangential	Standard Design, Replaces 115334, 116465-00
115330	115	13.5	Ball/Ball	Peripheral	Standard Design
115334	115	13.5	Ball/Ball	Tangential	Standard Design
115937	115	13.5	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case, Replaces 115837
117467-00	115	14.5	Ball/Ball	Tangential	"High Performance" Design, Replaces 116467-00
117549-12	120	15.3	B/B	Tangential	Premier Design
115963	220	5.5	Ball/Ball	Peripheral	Air Sealed Bearing Protection, Epoxy Coated Fan Case
115684	220/240	5.5	Ball/Ball	Tangential	Epoxy Coated Fan Case
115950	220/240	5.5	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case
115519	220/240	6.0	Ball/Ball	Peripheral	Epoxy Coated Fan Case

# Thru-Flow Vacuum Motors



## 7.2" & 7.5" Diameter - "Lamb - Ametek" Vacuum Motors

**Typical Applications :** Central Vacuums, Carwash Vacuums, Commercial/Industrial Vacuum systems, Steam Carpet Cleaners

**Peripheral Discharge**  
7.2" Motor



**Tangential Discharge**



**Peripheral Discharge**  
7.5" Motor



**Brushless**



### 7.2" Three Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
116119-00	115	12.6	Ball/Ball	Tangential	Standard Design
117511-00	115	12.7	Ball/Ball	Peripheral	Redesign
116118-00	115	12.8	Ball/Ball	Peripheral	Air Sealed Bearing Protection, Epoxy Coated Fan Case
117507-00	115	13.0	Ball/Ball	Tangential	"Long Life" Design, Replaces 116507-00
116137	115	13.0	Ball/Ball	Peripheral	Old Style
117507-13	115	13.8	Ball/Ball	Tangential	"Long Life" Design, Air Sealed Bearing Protection, Epoxy Coated Fan Case, Replaces 116507-13
116103-00	115	13.8	Ball/Ball	Tangential	Air Sealed Bearing Protection, Epoxy Coated Fan Case
117500-12	115	15.5	Ball/Ball	Tangential	Premier Design
116139	220	6.7	Ball/Ball	Peripheral	Old Style
116136-00	220	6.8	Ball/Ball	Tangential	Old Style
116154-00	220	6.8	Ball/Ball	Tangential	Old Style

### 7.5" Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
114786	115	10.4	Ball/Ball	Peripheral	Heavy Duty Construction
114788	220	5.0	Ball/Ball	Peripheral	Heavy Duty Construction

### 7.5" Three Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
114787	120	11.0	Ball/Ball	Peripheral	Heavy Duty Construction
114789	220	5.3	Ball/Ball	Peripheral	Heavy Duty Construction

## Brushless "Infin-A-Tek" By-Pass Vacuum Motors

### 5.7" Tangential - Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
121101-13	115	9.0	Ball/Ball	Tangential	Brushless, High Efficiency
121102-13	230	4.7	Ball/Ball	Tangential	Brushless, High Efficiency

### 7.2" Tangential - Two Stage

Part #	Volts	Amps	Bearings	Discharge	Comments
121113-01	115	10.0	Ball/Ball	Tangential	Brushless, High Efficiency
121114-01	230	5.3	Ball/Ball	Tangential	Brushless, High Efficiency

Motors