

# MOTOR SPEED PRODUCT LINE

SERIES: 495, 4195

CAST IRON CONSTRUCTION

## FEATURES & BENEFITS

- The most compact gear pump series available to fit tight space constraints
- High speed operation for the most economical pump option for thin to moderate viscosity applications
- Vertical mounting options to further reduce the unit footprint



Flange for motor mounting bracket eliminates the need for drive equipment and provides better unit alignment (Mounts available for NEMA & IEC motors)

Sealed anti-friction bearings eliminate the need for relubrication

Threaded one-piece bearing housing allows for end clearance adjustment

Gauge ports for easy application of gauges or transducers (location varies by pump size)

One-piece casing ensures alignment for maximum bearing and seal life

Behind the rotor seal, so shaft and bearings not exposed to media

NPT available on G-AL Sizes, ANSI or DIN flanges on KE-QS sizes, enabling easy in-line mounting to almost any piping system

Pressure lubricated idler pin and bushing enhances pin and bushing life (AS-QS sizes)

Expanded feeding area and redesigned head allow for higher speed on KE-QS size pumps (KE-QS pumps are CW only)



### CAPACITY

to 580 GPM  
(132 m<sup>3</sup>/h)



### PRESSURE

to 250 PSI  
(17 BAR)



### TEMPERATURE

-40°F to +300°F  
(-40°C to +150°C)



### VISCOSITY

28 to 15,000 SSU  
(1 to 3,300 cSt)

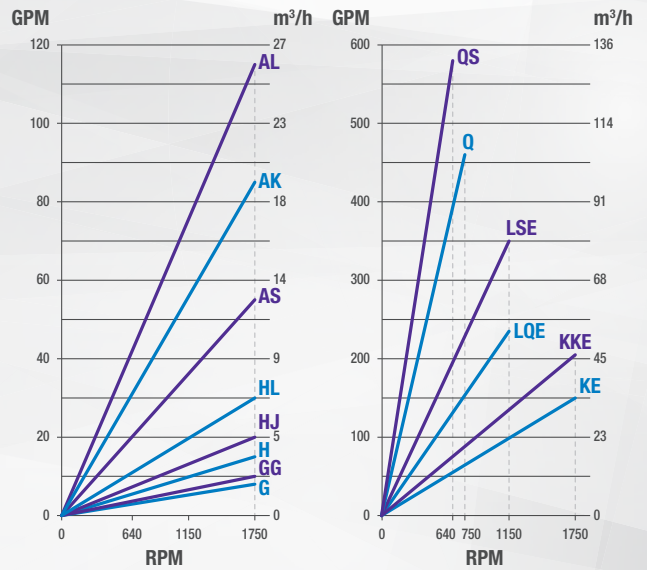


**VIKING PUMP®**

# PERFORMANCE

MODELS		SPECIFICATIONS				
Foot Mounted	Bracket Mounted	Performance			Standard Ports	
Mechanical Seal	Mechanical Seal	Max Speed, RPM	GPM	m <sup>3</sup> /h	Size, Inches	Type
G4195	G495	1750	8	1.8	1	NPT
GG4195	GG495	1750	10	2.3	1	NPT
H4195	H495	1750	15	3.4	1.5	NPT
HJ4195	HJ495	1750	20	4.5	1.5	NPT
HL4195	HL495	1750	30	6.8	1.5	NPT
AS4195	AS495	1750	55	12	2.5	NPT
AK4195	AK495	1750	85	19	2.5	NPT
AL4195	AL495	1750	115	26	3	NPT
KE4195	—	1750	150	34	4	Flange
KKE4195	—	1750	205	47	4	Flange
LQE4195	—	1150	235	53	4	Flange
LSE4195	—	1150	350	80	4	Flange
Q4195	—	750	460	104	6	Flange
QS4195	—	640	580	132	6	Flange

# CURVES



## PORTING

- Opposite (180°)
- NPT
- Flanged  
(ANSI or DIN Compatible)
- High Pressure Flanges

## SEALING

- Behind the Rotor Seal
- Balanced Seal

## MOUNTING

- Motor Mount
- Foot Mount
- Vertical Mount

## DRIVES

- (M)** Motor Mounted Drive
- (D)** Direct-Mounted Drive
- (R)** Offset Gear Reducer Drive
- (P)** Purchased Gear Reducer Drive

## TYPICAL APPLICATIONS

- Refined Fuels
- Lube Oils
- Rotating Equipment Lubrication
- Mobile Pump Carts
- Glycols



(H495 M Drive)

# VIKING PUMP®

**VIKING PUMP, INC.**  
 A Unit of IDEX Corporation  
 406 State Street  
 Cedar Falls, Iowa 50613 U.S.A.  
[vikingpump.com](http://vikingpump.com)

## Contact Your Stocking Distributor Today

Distributed By:

**United States**  
[vikingpump.com](http://vikingpump.com)  
 Cedar Falls, Iowa  
 Phone: (319) 266-1741

**Canada**  
[vikingpumpcanada.com](http://vikingpumpcanada.com)  
 Windsor, Ontario  
 Phone: (519) 256-5438

**Europe & Africa**  
[vikingpump.com](http://vikingpump.com)  
 Shannon, Ireland  
 Phone: +353 (61) 471933

**Asia-Pacific**  
[idexfmt-asia.com](http://idexfmt-asia.com)  
 China - Shanghai  
 Phone: +86-21-5241-5599  
 India - Mumbai  
 Phone: +91-22-6643-5563  
 Singapore  
 Phone: +65-6684-7305

**Middle East**  
[vikingpump.com](http://vikingpump.com)  
 Dubai, UAE  
 Phone: +971 4 2600300

**Latin America**  
[vikingpump.com](http://vikingpump.com)

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