



Date: 3/14/08

Supersedes: 7/18/06

**TECHNICAL DATA SHEET**

**VOONER TWO STAGE LIQUID RING VACUUM PUMP**

Specified, constructed, tested, and guaranteed by:

**Vooner FloGard® Corporation**

P.O. Box 240360, Charlotte, NC 28224-0360  
 4729 Stockholm Court, Charlotte, NC 28273

Telephone: (704) 552-9314  
 Toll Free: 1-800-345-7879  
 Telefax: (704) 554-8230

**Model: VTS20**

Type: Two rotors, cone shape ports, liquid ring vacuum pump

Sealing liquid flow rate nominal: 35-50 gpm (130-190 lpm)  
 Sealing liquid connection: 1" NPT  
 Shaft sealing: Packing  
 Bearing design: Double row spherical roller bearing, external, grease lubricated, Type: NSK 22220EAE4/23220EAE4  
 Shaft diameter, drive end: 3<sup>5</sup>/<sub>8</sub>"  
 Pump flange connections: 8" inlet, 6" outlet  
 Approximate pump weight: 4,700 lbs. (2,130 kg)

**MATERIAL CONSTRUCTION FEATURES**

<b>Model</b>	<b>Rotors</b>	<b>Cones</b>	<b>Heads</b>	<b>Bearing Carrier</b>	<b>Housing</b>	<b>Shaft</b>	<b>Packing Gland, Studs, Nuts</b>
A	Ductile Iron	Cast Iron	Cast Iron	Carbon Steel	Cast Iron	Carbon Steel	316 SS
K	304 SS	Cast Iron	Cast Iron	Carbon Steel	Cast Iron	Carbon Steel	316 SS

(SS - cast stainless steel)