

BORA
Volumetric Booster
163-883



TRAVAINI
PUMPS[®] USA
 Liquid Ring & Rotary Vane Vacuum Pumps and Systems

200 Newsome Drive
 Yorktown, VA 23693
 1-800-535-4243
 www.Travaini.com

Model	163-883
Pressure Range	0.0075-525 torra
Features	Tri-lobe booster with rotors supported by bearings on both ends
Shaft Sealing	Standard double Silicon Carbide/Graphite mechanical seals; other options available upon request
Options	Bareshaft Pump Coupled to electric motor via monoblock; belt driven option available upon request
Optional Accessories	Available as component in larger assembly

Technical Data

Model	163	233	293	353	463	673	883
RPM	3600	3600	3600	3600	3600	3600	3600
Flow CFM	380	503	618	760	1006	1432	1763
HP	5	5	5	7.5	7.5	10	15
dB(A) at 5 mbara Δ p 5 mbar	68	70	70	70	70	72	72
Max Suction Pressure	0.0075 torra	0.0075 torra	0.0075 torra	0.0075 torra	0.0075 torra	0.0075 torra	0.0075 torra

Standard Materials of Construction**

Description	Material
Body	Cast Iron G 25
Side Covers	
Sump	Cast Iron G 20
Shaft	Steel 39NiCrMo3
Rotors	Nodular Iron GS 400
Labyrinth Seals	Bronze/Iron 100Crb
Gears	Steel 18NiCrMo5
Mechanical Seal* *HV Booster Only	Silicon Carbide/Graphite RPM (Viton)

Model Designation

Code	Size	F/G = Revision
163F	73	F

**Special Materials Available Upon Request
 --For further information please consult Travaini Pumps USA.

REF:	JM/RR	Date	6/20/2019	No:	101019.000
------	-------	------	-----------	-----	------------