



'VIJAY' GEAR PUMP - VG Series

# VIJAY PUMPS PVT. LTD.

MANUFACTURERS OF:High Vacuum Pumps, Water Ring Vacuum Pumps,
Vacuum Systems, Gear Pumps & Chemical Process Pumps

## **GEAR PUMPS**



#### PRINCIPLE OF OPERATION

'VIJAY' Gear Pumps are simple in design mainly consisting of casing, gears stuffing box and relief valve. Two gears, either spur or helical type, rotate around fixed centres and thereby suck and entrap the fluid between the teeth of the gears and the casing, and the pressurize the same causing of fluid with pressure through discharge port.

#### **TECHNICAL SPECIFICATIONS**

Model	Motor H.P.	Size	Capacity Litres / Min.	Max. Pressure PSIG
VG - 15	1/2	½" <b>x</b> ½ "	15	200
VG-32	1	1" x 1"	32	200
VG-45	1.5	11/4" x 11/4"	45	200
VG-60	2	11/4" x 11/4"	60	200
VG-110	3	1 ½" x 1½"	110	200
VG-225	5	2" x 2"	225	150
VG-375	7.5	3" x 3"	375	150
VG-450	10	4 x 4"	450	150
VG-600	15	5" x 5"	600	150

Available in Cast Iron with EN-8 Gears / Stainless Steel 304 / Stainless Steel 316 / Hastealloy-C

#### **INDUSTRIES WE SERVE**



Coal Mines, Chemical Industries, Packaging Industries, Colour Industries, Refineries, Sugar Industries, Pharmaceuticals, Pharmaceuticals, Thermal Power Plants, Food Industries, Automobiles Industries & Many Other Fields...

#### **APPLICATIONS**

Transfer of Viscous Material Such As Oil, Grease, Varnish, Resins, Paints, Acid, Alkali Solvents, etc.

### **VIJAY PUMPS PRIVATE LIMITED**

OFFICE WORKS

Ground Floor, Plot no 701/2, Chandra Niwas, Behind Andheri Police Line, 40 Sheds,

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