

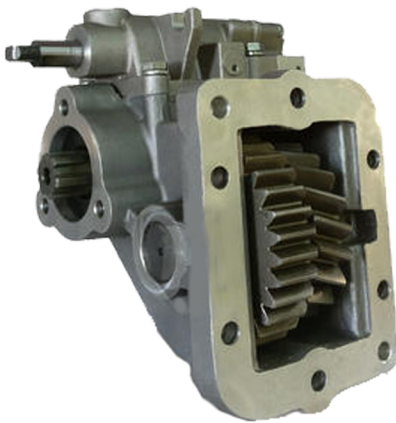


Flow Products

Taurus Series PTO Vane Pump



Taurus Series Self-priming rotary vane pump, with internal by-pass valve, uses rotary sliding vane design to draw the liquid. Material of construction is available in nodular iron, cast iron and stainless steel. The sliding vanes are built from a special self-lubricating material. With unmatched accuracy and efficiency, the pumps can handle viscous and nonvolatile liquids and require less horsepower than other equivalent pumps as these are capable to operate at lower number of revolutions than other designs.



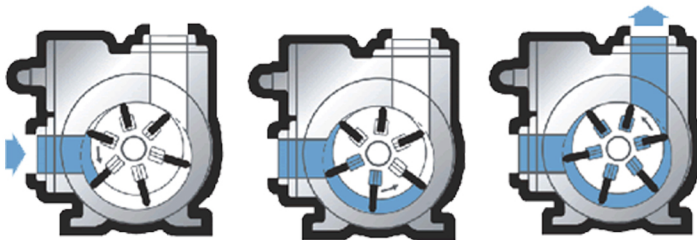
Power Take off Unit

Options Available:

Available in 2, 2.5, and 3 inch sizes with flowrates upto 1000 LPM.

Applications:

- > Fleet Vehicle refueling
- > Fuel oil delivery tanker truck
- > Aviations refuellers
- > Transport of Petro Chemicals, gasoline, biofuels, solvents etc.



Taurus's Sliding Vane Action representation

Taurus Series PTO Vane Pump

Flow Rate								
Model	Size	Speed Flowrate	650RPM	600RPM	550RPM	500RPM	450RPM	400RPM
			L/min	L/min	L/min	L/min	L/min	L/min
TV-50	50mm/2"		305	275	245	210	180	155
TV-65	65mm/2 1/2"		500	470	430	390	350	310
TV-80	80mm/3"		1000	920	840	760	680	600

Maximum Operating Limit								
Model	Nominal Flowrate	Rated Speed	Viscosity	Differential Pressure	Working Pressure	Temperature	Power	
	LPM	RPM	Cp	Bar	Bar	°C	HP	KW
TV-50	300	640	4,250	8.6	12.1	149	3	2.2
TV-65	594	640	4,250	8.6	12.1	149	5	4
TV-80	1,022	640	4,250	8.6	12.1	149	10	7.5

The pumps can be installed on various mobile or fixed applications:

- >On tank trucks with PTO coupler, cardan shafts or hydraulic motors.
- >On terminals, heavy duty dispensers, pumping/metering skids, mobile transfer units by coupling with electric or diesel engines.
- >For wide variety of solvents in petrochemical industries using teflon seals.

Package Data			
Model	TV-50	TV-65	TV-80
	Without Motor	Without Motor	Without Motor
Packaging	1pc / Wooden Box		
Net Weight (Kgs)	32	41	65
Gross Weight (Kgs)	33	43	67
Size (cm)	45x34x40	44x33x32	46x42x38



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