



DELT SLIDING VANE PUMP



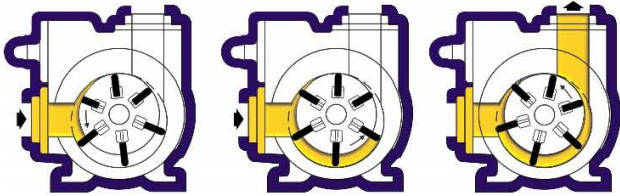
Key Features

- Sliding vane pump with built-in pressure relief valve.
- Ductile cast iron rotor with Self-lubricated sliding vanes.
- Wear compensable by self-adjusted sliding vanes.
- Capable to handle volatile & viscous liquid up to 4,000 cSt.
- Excellent self-priming and dry running capabilities.
- Durable & trouble-free due to low-speed operation.
- Maintenance without removing from piping system.
- Applications : Fuel Oil, Gasoline, Diesel, Jet Fuel, Biofuels, Lube Oil



Materials

- Casing : Cast Steel
- Rotor : Ductile Cast Iron
- Shaft : Stainless Steel
- Relief Valve : Cast Steel
- O-Ring : FKM
- Vanes : Synthetic Material



Technical Specifications				
Model	DELT YB-50	DELT YB-65	DELT YB-80	DELT YB-100
Size	2"	2 1/2"	3"	4"
Speed	400 - 650 rpm	400 - 650 rpm	400 - 650 rpm	400 - 500 rpm
Flow Range	150 - 300 lpm	310 - 500 lpm	600 - 1,000 lpm	1,500 - 1,900 lpm
Vacuum Press.	0.5 BarG	0.5 BarG	0.5 BarG	0.5 BarG
Max Differential Press.	8.6 BarG	8.6 BarG	8.6 BarG	8.6 BarG
Max Inlet Press.	5.0 BarG	5.0 BarG	5.0 BarG	5.0 BarG
Max Fluid Temp.	115 °C	115 °C	115 °C	115 °C
Motor Power	2.2 kW	4.0 kW	7.5 kW	18.5 kW
Dimension (cm)	44 x 35 x 35	46 x 34 x 37	49 x 42 x 42	58 x 55 x 61
Weight	31 kg	40 kg	68 kg	160 kg

Pump Performance				
Speed (rpm)	Flow Rate (lpm)			
	DELT YB-50	DELT YB-65	DELT YB-80	DELT YB-100
400	150	310	600	1,500
450	180	350	680	1,700
500	210	390	760	1,900
550	240	430	840	-
600	270	465	920	-
650	300	500	1,000	-