



These pumps are widely used as a source of hydraulic power. They combine stable performance and robust construction with a wide range of delivery rates.

Description

1. Quiet

- The cam ring is specifically designed to have a special curve so as to reduce noise level lower than that of the conventional vane pumps.
- The wide path in the suction port ensures low noise operation and anti-cavitation.

2. Hydraulically balanced pump cartridge

The pump cartridge is designed to have hydraulically perfect radial balance, which eliminates radial shaft load and bearing load caused by pressure.

3. Elimination of pressure fluctuation

The specifically designed cam ring profile eliminates pressure fluctuation, which in turn reduces operation noise and ensures stable performance.



SYMBOL

50T Series (Fixed Displacement Vane Pump)

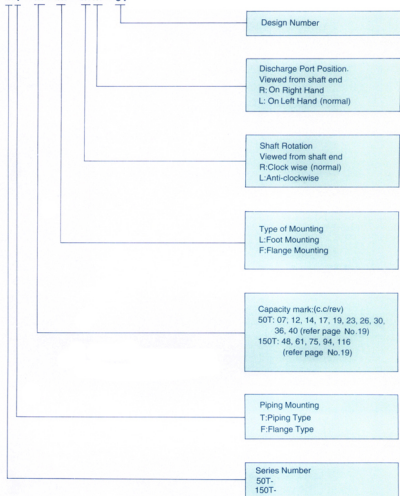
Model	Delivery Flow (l/min) at no-load pressure				running speed (rpm)		Max Pressure kgf/cm ²	Weight (kg)	
	running speed (rpm)				Max	Min		Foot Type	Flange Type
	1000	1200	1500	1800					
50T-07	—	9.0	11.2	13.5	1800	1200	105	10	9.5
50T-12	12	14.4	18.0	21.6	1800	950	105	10	9.5
50T-14	14.6	17.5	21.7	26.1	1800	950	105	10	9.5
50T-17	17.0	20.3	25.5	31.5	1800	950	105	10	9.5
50T-19	19.2	23.0	28.8	34.6	1800	950	105	10	9.5
50T-21	21.1	25.3	31.7	38.0	1800	950	105	10	9.5
50T-23	23	27.6	34.5	41.4	1800	950	105	10	9.5
50T-26	26.2	31.4	39.3	47.2	1800	950	105	10	9.5
50T-30	30.1	36.1	45.2	54	1800	950	105	10	9.5
50T-36	36.2	43.4	54.3	—	1500	950	70	10	9.5
50T-40	41.5	49.8	—	—	1200	950	70	10	9.5

150T Series (Fixed Displacement Vane Pump)

Model	Delivery Flow (l/min) at no-load pressure				running speed (rpm)		Max Pressure kgf/cm ²	Weight (kg)	
	running speed (rpm)				Max	Min		Foot Type	Flange Type
	1000	1200	1500	1800					
150T-48	48.3	57.9	72.4	86.9	1800	900	90	24	24
150T-61	61.5	73.8	92.2	110.7	1800	900	90	24	24
150T-75	75.5	90.6	113.2	135.9	1500	900	90	24	24
150T-94	94.2	113.0	141.3	—	1500	900	70	24	24
150T-116	116.3	139.6	—	—	1200	900	70	24	24

ORDERING INFORMATION

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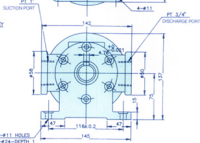
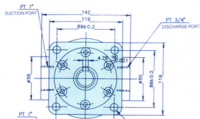
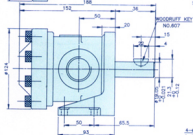
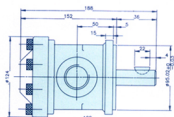


DIMENSIONS

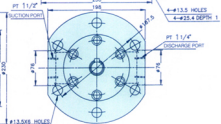
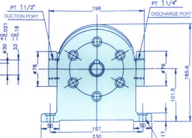
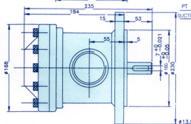
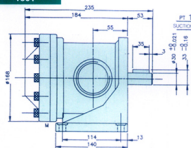
mm

50T

* Shaft Dia: 19.05mm is normal
(22mm is available)



150T



TYPICAL PERFORMANCE CHARACTERISTICS

