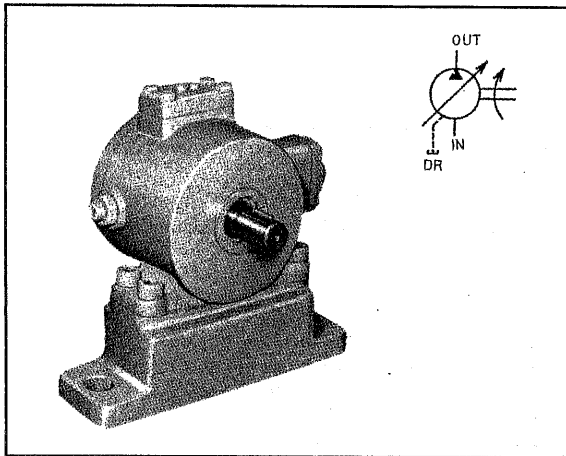


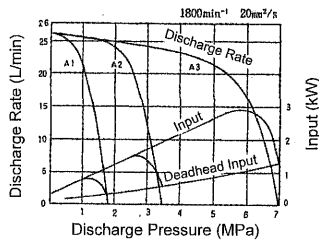
VARIABLE-DISPLACEMENT VANE PUMP (HVP-VC1 SERIES)



FEATURES

- The pump provides a pressure and fluid flow appropriate for the load to save power and reduce fluid temperature rise, thus ensuring economical operation.
 - Since the pump is equipped with a pressure compensation mechanism, components such as a relief valve and unloading valve are not necessary.
- The standard direction of rotation is clockwise, viewed from the shaft end.
 - The pump can be used for R&O type and abrasion-resistant type hydraulic fluid applications.
 - The permissible fluid temperature is as below:
Equivalent to ISO VG32: 0 to 60°C (350 to 15 mm²/sec)
Equivalent to ISO VG46: 6 to 65°C (350 to 18 mm²/sec)
 - The permissible drain back pressure is 0.03 MPa max.
 - The standard pump can be used for water-glycol fluid. In this case, the maximum speed is 1,200 min⁻¹. Please consult us about the applicable brand of water-glycol fluid.
 - The permissible operating ambient temperature range is from 0 to 60°C.

GENERAL PERFORMANCE CHARACTERISTICS



HVP-VC1-F26A1-B-026

USED WITH MOBIL VACUOLINE OIL 1408 WHICH IS EQUIVALENT TO VG68.

* DRAIN VOLUME IS ADJUSTED FOR 3~4 L/min AT DEADHEAD PRESSURE OF 1.2 MPa.

SPECIFICATIONS

Model		Rated Pressure (MPa)	Discharge Rate at No-load (L/min)		Pressure Adjustment Range (MPa)	Speed (min ⁻¹)		
Gasket Type	Flange Type		1,200 min ⁻¹	At Rated Speed		Rating	Max.	Min.
HVP-VC1-G26A1-B	HVP-VC1-F26A1- C	7	17	26	0.8 to 1.8	1,800	1,800	750
HVP-VC1-G26A2-B	HVP-VC1-F26A2- C				1.4 to 3.5			
HVP-VC1-G26A3-B	HVP-VC1-F26A3- C				3 to 7			

EXTERNAL DIMENSIONS

