

VARIABLE DISPLACEMENT VANE PUMPS

VA1、VB1、VC1、VD1、VE1 Series



Feature:

1. Axial clearance compensation design results in high efficiency.
2. " Counter piston " is designed to prevent vibration and ensure low noise, when pump operates under operating pressure.
3. Pressure is easy to adjust. It results in high stability and fast acting times.
4. Applicable to direct-mounted electric motor without couplings and easy to install.

How to order:

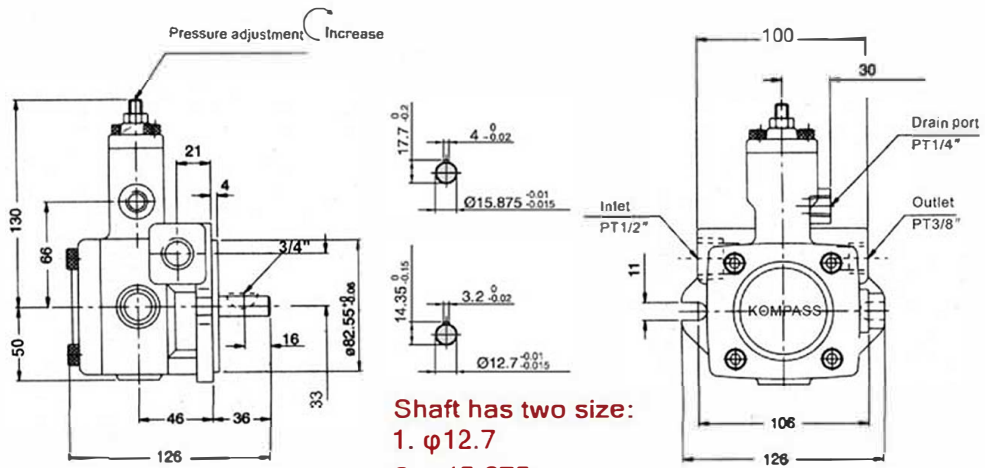
VA1	-15	F	-A2
Series number	Displacement	Mounting configuration	Pressure adj.range
Variable displacement vane pumps	Refer to " specifications "	F:Flange L:Foot	Refer to " specifications "

Specifications:

MODEL	Max pressure (Mpa)	Displacement m ³ /rev	Displacement at unloading period d/min		Pressure adjustment Range (Mpa)	input speed range r/min		Weight Kg	
			1500rpm	1800rpm		Min	Max	Flange	Foot
VA1-08F-A*	7.0	4.4	6.7	8	A1:0.8~2.0 A2:1.5~3.5 A3:5.0~7.0 C: 3.0~5.5	800	1800	5.0	6.0
VA1-12F-A*		6.7	10.0	12				5.0	6.0
VA1-15F-A*		8.3	12.5	15				5.0	6.0
VB1-20F-A*		11.1	16.7	20				5.5	6.5
VB1-24F-A*		13.3	20.0	24				5.5	6.5
VC1-26F-A*		14.5	21.7	26				9.0	12.0
VD1-25F-A*		13.9	20.8	25				9.5	12.5
VD1-30F-A*		16.7	25.0	30				9.5	12.5
VE1-35F-A*		19.4	29.1	35				9.5	12.5
VE1-40F-A*		22.2	33.3	40				9.5	12.5
VE1-45F-A*		25.0	37.5	45				9.5	12.5

Dimensions

VA1、VB1(Mounting Surface: SAE " A " 2-Bolt)



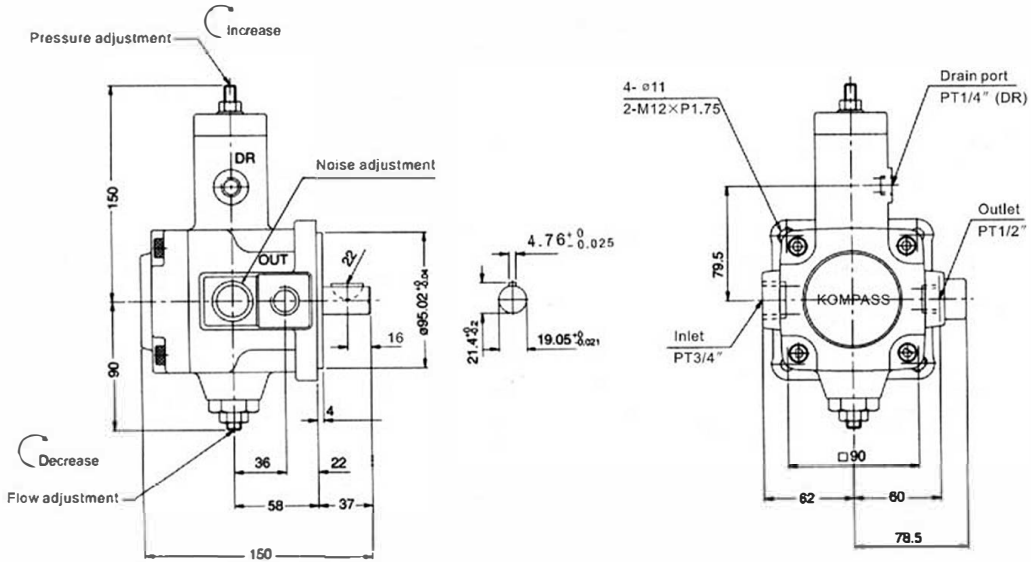
Shaft has two size:

1. $\varnothing 12.7$
2. $\varnothing 15.875$

only VB1-24 has one size: $\varnothing 15.875$

Dimensions

VD1、VE1(Mounting Surface:4-Bolt)



■ Performance curves:(Test conditions viscosity 20 cSt,ISO VG32, Temperature:50℃)
A.Prssure-displacement-shaft input characteristics:

