Rotary vane pump / 1500 series / Standard

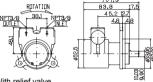
Standard specification -

Main unit	Forging brass			
Discharge rate	0.95L/min~6.3L/min			
Discharge pressure (Max)	1. 4MPa			
Direction of rotation (When viewed from the nameplate)	Right			
Mass	1.15kg			
Mass 00 form	1.05kg			
Standard number (r/min)	1450/50Hz 1750/60Hz			

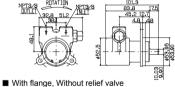


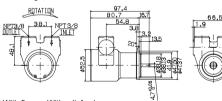
Dimensional diagrams (mm) -

■ Without relief valve

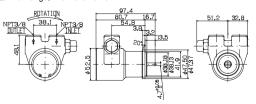


■ With relief valve





■ With flange, With relief valve



Performance Table -

1500 series Performance table										
The am	ount of	power re	quired fo	or standa	ard disch	arge in 1	450r/mir	n (50Hz).		
	Discharge rate(L/min)				Required power (W)					
Format	Pressure (MPa)				Pressure (MPa)					
	0.35	0.7	1.05	1.4	0.35	0.7	1.05	1.4		
1504	5.14	5.09	5.04	4.98	79	122	176	215		
1507	4.24	4.19	4.14	4.08	73	119	159	208		
1508	3.77	3.71	3.63	3.55	67	112	152	199		
1509	3,29	3.18	3.10	3.02	69	106	146	187		
1510	2.71	2.65	2.57	2.49	59	98	138	180		
1505	1.96	1.91	1.80	1.70	53	95	127	171		
1522	1.33	1.33	1.24	1.17	40	84	118	157		
1521	0.80	0.74	0.69	0.64	26	62	98	137		

1500 series Performance table									
The am	ount of	power re	quired f	or standa	ard disch	arge in 1	1725r/mi	n (60Hz).	
Format	Discharge rate(L/min)				Required power (W)				
	Pressure (MPa)				Pressure (MPa)				
	0.35	0.7	1.05	1.4	0.35	0.7	1.05	1.4	
1504	6.11	6.05	5.99	5.93	92	144	203	257	
1507	5.04	4.98	4.92	4.85	81	133	187	242	
1508	4.48	4.41	4.32	4.22	82	127	182	227	
1509	3.91	3.78	3.69	3.59	75	120	174	221	
1510	3.22	3.15	3.06	2.96	67	112	159	206	
1505	2.33	2.27	2.14	2.02	60	108	146	186	
1522	1.58	1.58	1.48	1.39	49	91	130	174	
1521	0.95	0.88	0.82	0.76	40	70	112	156	