

P1,P2



SYMBOL

HOW TO ORDER

P1	07	R	P	01	G	T
SERIES NUMBER	DELIVERY(ml/rev) REFER TO SPECIFICATION	SHAFT ROTATING (VIEW FROM SHAFT END) R: CLOCKWISE L: COUNTER-CLOCKWISE	PORTS TYPE N: NPT U: UNF	SHAFT TYPE 01(STANDARD)	FLANGE TYPE G: STANDARD (SAE AA) C D E	COVER TYPE T: STANDARD
P1				04		
P2				07		
				10		
				12		

SHAFT V15:ø12.7,HP2:ø15.87(BS:ø15.87,PA:ø12.5 PB:ø20.0)

SPECIFICATION

MODEL	DELIVERY(ml/rev)	MAX. PRESSURE kgf/cm ²	CONTINUES OPERATING PRESSURE	SPEED RANGE rpm		PORTS SIZE		WEIGHT(kg)	FLANGE TYPE			
				MAX.	MIN.	OUT	IN					
P101	1.3	250	210	4000	600	1/2'	3/8'	0.82				
P102	2.0							0.91				
P127	2.7							1.00				
P135	3.4							1.05				
P104	4.1							1.10				
P105	5.1							1.14				
P106	6.1					1.18						
P107	7.4					1.27						
P109	9.1					1.32	180		1/2'	1/2'	1.32	
P204	4.0					2.32					2.32	
P206	6.2	2.45					2.45					
P208	8.4	2.55					2.55					
P211	11.0	2.73					2.73					
P214	14.3	2.85				3/4'	1/2'	2.85				
P216	16.5	2.91						2.91				
P219	19.2	3.14						3.14				
P222	22.5	3.27						3.27				
P225	25.0	3.36						3.36				
P233	33.0	3.59	180			1'	3/4'	3.59				

Variable Displacement Piston Pumps

V15,V18,V23,V38,V50,V70



SYMBOL

HOW TO ORDER

V	18	A	I	R	-
SERIES NUMBER	DELIVERY(ml/rev) REFER TO SPECIFICATION	CONTROL TYPE A,B,C,D,E,F,G,H HL,HJ	PRESSURE ADJUSTING RANGE 1:8-70kgf/cm ² 2:15-140kgf/cm ² 3:20-210kgf/cm ² 4:20-250kgf/cm ²	SHAFT ROTATING (VIEW FROM SHAFT END) R: CLOCKWISE L: COUNTER-CLOCKWISE	NON-Key S:SAEJ4986 TYPE

SHAFT V15:ø19.05, V23, V38,ø22.23

SPECIFICATION

MODEL	MAX. PRESSURE kgf/cm ²	DELIVERY OF UNLOADING (L/min)	PRESSURE ADJUSTING RANGE(kgf/cm ²)	rpm		WEIGHT(kg)	FLANGE TYPE
				MIN.	MAX.		
V15	250	15.0	22.5	27.0	1800	500	11.5
V18	140	17.8	26.7	32.0			11.5
V23	250	23.0	35.4	41.4			20.0
V38	250	37.8	56.7	68.0			23.0
V50	250	51.5	77.2	92.7			50.0
V70	250	69.7	104.5	125.4			55.0

Variable Displacement Vane Pumps

VA1,VB1,VC1,VD1,VE1



油壓記號
SYMBOL

HOW TO ORDER

VD1	-30	F	A4
SERIES NUMBER	DELIVERY(ml/rev) REFER TO SPECIFICATION	MOUNTING TYPE F: FLANGE MOUNTING TYPE L: FOOT MOUNTING TYPE	PRESSURE ADJUSTING RANGE A1:8-20kgf/cm ² A2:15-35kgf/cm ² A3:30-70kgf/cm ²
VA1			
VB1			
VC1			

ALL rotation only variable displacement vane pumps are clockwise.

SHAFT VA1 VB1:ø12.7, VC1 VD1 VE1:ø19.05

SPECIFICATION

MODEL	MAX. PRESSURE kgf/cm ²	DELIVERY OF UNLOADING (L/min)		PRESSURE ADJUSTING RANGE(kgf/cm ²)	rpm		PORTS SIZE			WEIGHT(kg)			
		1500rpm	1800rpm		MIN.	MAX.	OUT	IN	DR.				
VA1-8LA	70	6.7	8	A1:8-20 A2:15-35 A3:30-70	1800	800	3/8'	1/2'	1/4'	5.0			
VA1-12LA		10	12										
VA1-15LA		12.5	15										
VB1-20LA	70	16.7	20				A1:8-20 A2:15-35 A3:30-70	1800	800	3/8'	1/2'	1/4'	5.0
VB1-24LA		20	24										
VC1-26LA		21.7	26										
VD1-25LA	70	21	25	A1:8-20 A2:15-35 A3:30-70	1800	800				1/2'	3/4'	1/4'	9.0
VD1-30LA		25	30										
VE1-35LA		29.2	35										
VE1-40LA	70	33.3	40				A1:8-20 A2:15-35 A3:30-70	1800	800	1/2'	3/4'	1/4'	9.5
VE1-45LA		37.5	45										