

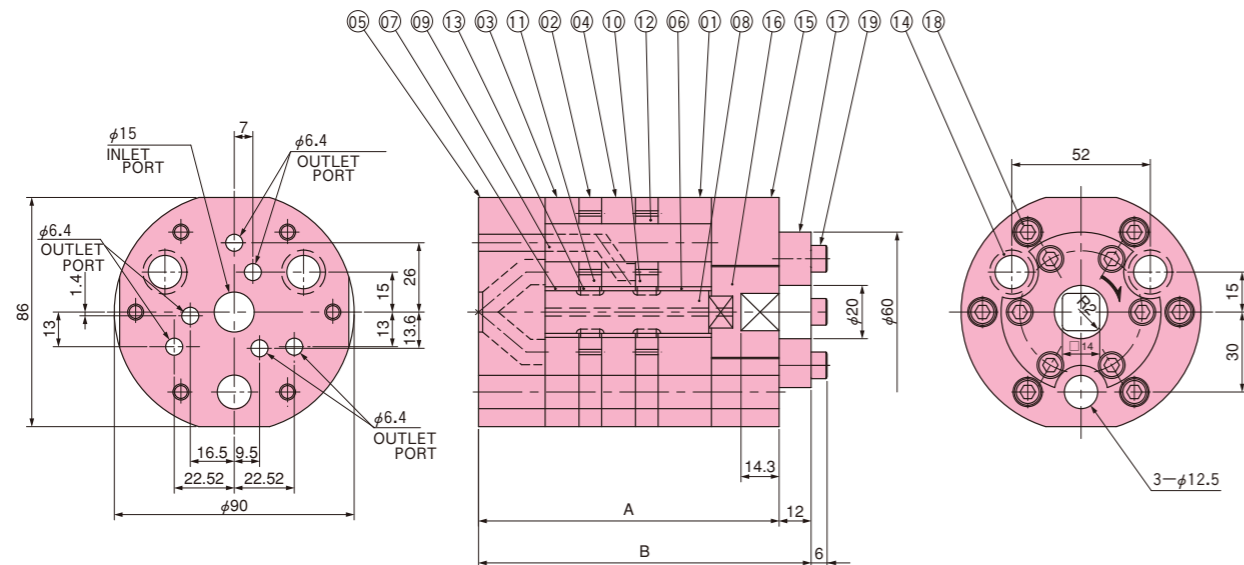
SADS SERIES



Main application : Melt spinning
 Number of ports : Inlet 1 ; Outlet 6
 Displacement / port : 0.15 ~ 4.8 cm³
 Inlet pressure : 0.5 MPa~19.6 MPa (5 kgf/cm² ~ 200 kgf/cm²)
 Outlet pressure : Max. 49.1 MPa (Max. 500 kgf/cm²)
 Differential pressure : Please refer to table as shown below.
 Temperature : Max. 350 °C
 Viscosity : Max. 400 Pa·s (Max. 4,000 Poise)
 Speed : 10 ~ 40 min⁻¹
 Standard material : High speed tool steel
 Torque list :

	Bolt size	Torque	
		N·m	kgf·cm
For plates	M6	9.8~11.8	100~120
For hub	M6	9.8~11.8	100~120
For mounting	M12	68.7~94.2	700~960

STRUCTURE DIMENSIONS (mm)



Model	Capacity (cm ³)	Diff. Press.		A	B	Mass (kg)
		MPa	kgf/cm ²			
SADS-0.15	0.15×6	39.2	400	99.1	111.1	4.6
SADS-0.3	0.3×6	39.2	400	102.3	114.3	4.8
SADS-0.6	0.6×6	39.2	400	108.8	120.8	5.2
SADS-0.8	0.8×6	39.2	400	113.2	125.2	5.4
SADS-1.2	1.2×6	39.2	400	108.5	120.5	5.1
SADS-1.6	1.6×6	29.4	300	112.8	124.8	5.4
SADS-2	2.0×6	29.4	300	117	129	5.6
SADS-2.4	2.4×6	29.4	300	121.3	133.3	5.8
SADS-3	3.0×6	24.5	250	127.6	139.6	6.1
SADS-4.8	4.8×6	24.5	250	146.6	158.6	7.2

Parts List

Parts No.	Name	Q'ty/set
01	Front plate	1
02	Gear casing	2
03	Back plate	1
04	Middle plate	1
05	Wear plate	1
06	Bushing	1
07	Bushing	2
08	Arbor	1
09	Stud	3
10	Driving gear	1
11	Driving gear	1
12	Driven gear	6
13	Key	4
14	Dowel	2
15	Hub	1
16	Coupler	1
17	Hub top	1
18	Plate screw	6
19	Hub screw	6

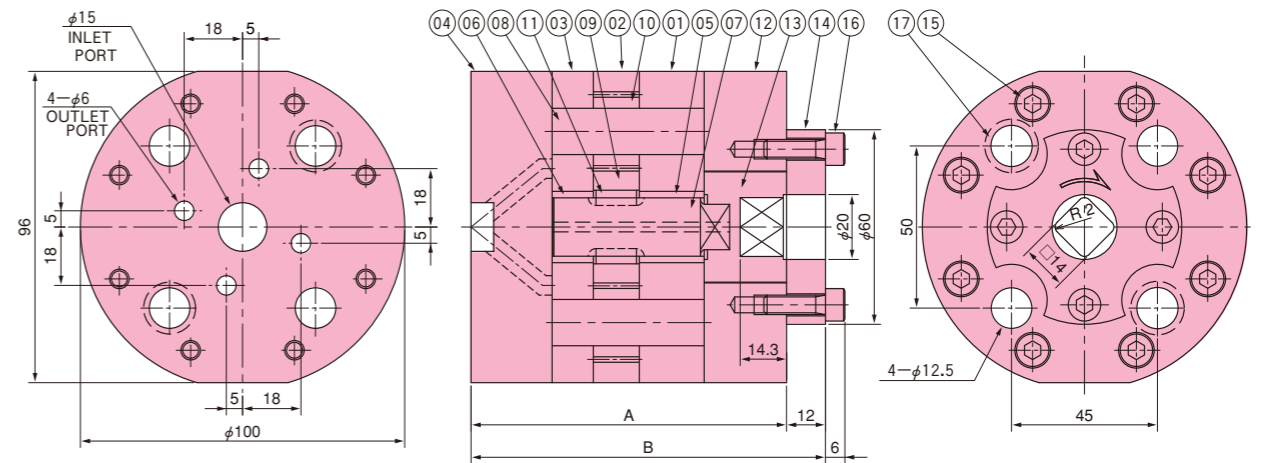
KH9S SERIES



Main application : Melt spinning
 Number of ports : Inlet 1 ; Outlet 4
 Displacement / port : 0.1 ~ 4.8 cm³
 Inlet pressure : 0.5 MPa~19.6 MPa (5 kgf/cm² ~ 200 kgf/cm²)
 Outlet pressure : Max. 49.1 MPa (Max. 500 kgf/cm²)
 Differential pressure : Please refer to table as shown below.
 Temperature : Max. 350 °C
 Viscosity : Max. 400 Pa·s (Max. 4,000 Poise)
 Speed : 10 ~ 40 min⁻¹
 Standard material : High speed tool steel
 Torque list :

	Bolt size	Torque	
		N·m	kgf·cm
For plates	M6	9.8~11.8	100~120
For hub	M6	9.8~11.8	100~120
For mounting	M12	68.7~94.2	700~960

STRUCTURE DIMENSIONS (mm)



Model	Capacity (cm ³)	Diff. Press.		A	B	Mass (kg)
		MPa	kgf/cm ²			
KH9S-0.1	0.1×4	39.2	400	85	97	5.3
KH9S-0.15	0.15×4	39.2	400	85	97	5.3
KH9S-0.3	0.3×4	39.2	400	86.9	98.9	5.4
KH9S-0.6	0.6×4	39.2	400	88.4	100.4	5.5
KH9S-1	1.0×4	39.2	400	91.9	103.9	5.7
KH9S-1.2	1.2×4	39.2	400	93.7	105.7	5.8
KH9S-1.6	1.6×4	39.2	400	97.3	109.3	6.1
KH9S-1.8	1.8×4	39.2	400	99.1	111.1	6.1
KH9S-2	2.0×4	39.2	400	100.8	112.8	6.2
KH9S-2.4	2.4×4	39.2	400	96.3	108.3	6.7
KH9S-3	3.0×4	39.2	400	99.6	111.6	6.2
KH9S-4	4.0×4	29.4	300	100.1	112.1	6.2
KH9S-4.8	4.8×4	29.4	300	103.3	115.3	6.4

Parts List

Parts No.	Name	Q'ty/set
01	Front plate	1
02	Gear casing	1
03	Back plate	1
04	Wear plate	1
05	Bushing	1
06	Bushing	1
07	Arbor	1
08	Stud	4
09	Driving gear	1
10	Driven gear	4
11	Key	2
12	Hub	1
13	Coupler	1
14	Hub top	1
15	Plate screw	8
16	Hub screw	4
17	Dowel	2