Sub-plates

Drain Connection	Japanese Standard "JIS"		European Design Standard		N.American Design Standard		Approx. Mass kg (1lbs.)
	Sub-plate Model Numbers	Thread Size	Sub-plate Model Numbers	Thread Size	Sub-plate Model Numbers	Thread Size	
For Internal Drain	DRGM-02-20	Rc 1/4	DRGM-02-2080	1/4 BSP.F	DRGM-02-2090	1/4 NPT	1.9 (4.2)
	DRGM-02X-20	Rc 3/8	DRGM-02X-2080	3/8 BSP.F	DRGM-02X-2090	3/8 NPT	
For External Drain	DRGM-02-R-20	Rc 1/4	DRGM-02-R-2080	1/4 BSP.F	DRGM-02-R-2090	1/4 NPT	
	DRGM-02X-R-20	Rc 3/8	DRGM-02X-R-2080	3/8 BSP.F	DRGM-02X-R-2090	3/8 NPT	

● Sub-plates are available. Specify the sub-plate model number from the table above.
When sub-plates are not used, the mounting surface should have a good machined finish.

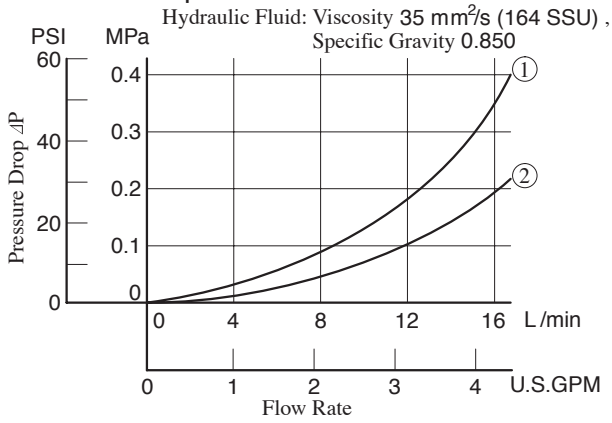
Mounting Bolts

The Sub-plate Mounting Type Valves (DRG-02) only are furnished with the following mounting bolts.

Model Numbers	Socket Head Cap Screw (5 Pcs.)	
	Japanese Standard "JIS" European Design Standard	N. American Design Standard
DRG-02	M8 × 45 Lg.	5/16-18 UNC × 1-3/4 Lg.

Pressure Drop

Hydraulic Fluid: Viscosity 35 mm²/s (164 SSU), Specific Gravity 0.850



Valve Type	Pressure Drop Curve No.			
	P→A	B→T	P→B	A→T
2D2	②	②	②	②
3D4	②	②	①	②

1. For any other viscosity, multiply by the factors in the table below.

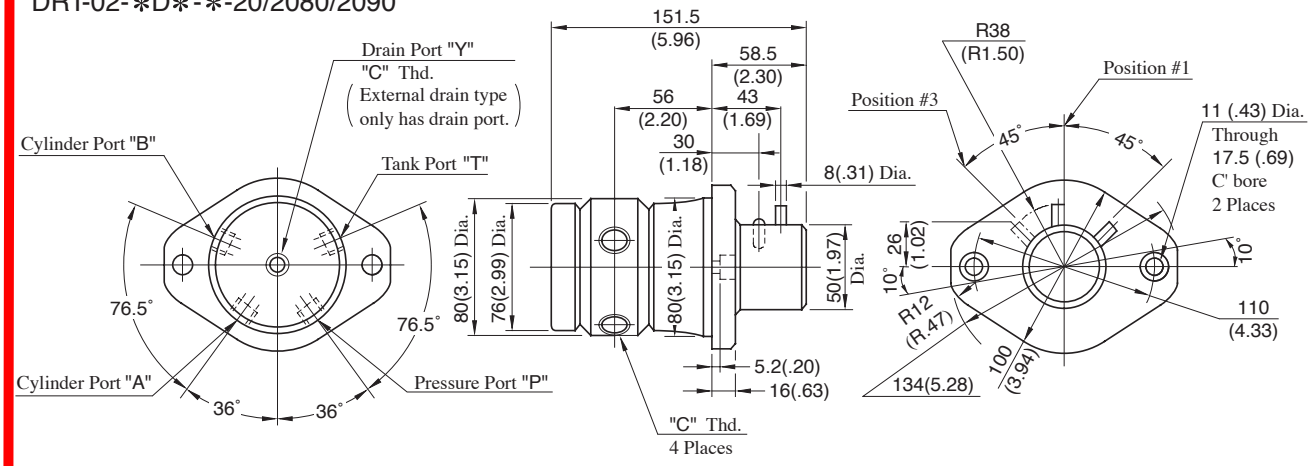
Viscosity	mm²/s	15	20	30	40	50	60	70	80	90	100
	SSU	77	98	141	186	232	278	324	371	417	464
Factor		0.81	0.87	0.96	1.03	1.09	1.14	1.19	1.23	1.27	1.30

2. For any other specific gravity (G'), the pressure drop (⊿P') may be obtained from the formula below.

$$\Delta P' = \Delta P\,(G'/0.850)$$

DRT-02-∗D∗-∗-20/2080/2090

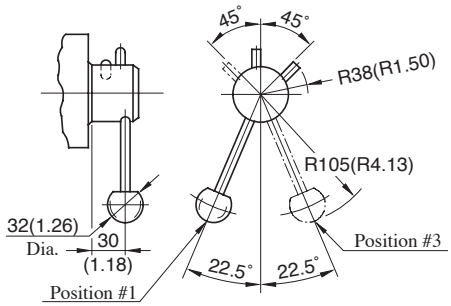
● **Type "A" : Reversing Dog Operation**



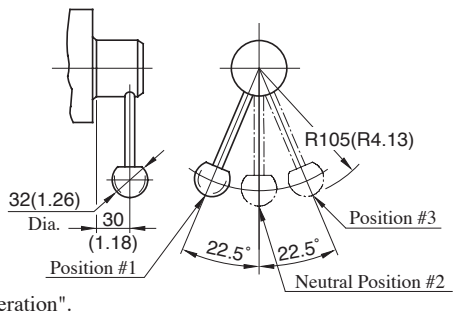
Model Numbers	"C" Thd.
DRT-02-∗D∗-∗-20	Rc 1/4
DRT-02-∗D∗-∗-2080	1/4 BSP.F
DRT-02-∗D∗-∗-2090	1/4 NPT

DIMENSIONS IN MILLIMETRES (INCHES)

● **Type "B": Reverseing Dog and Manual Operation**



● **Type "C": Manual Operation**



For other dimensions, refer to "Reversing Dog Operation".