

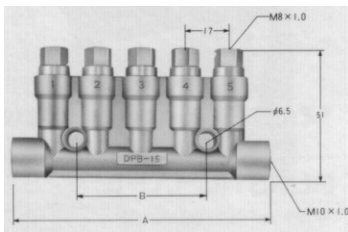
## Showa Centralized Lubricating Systems

### Popular Flow units:

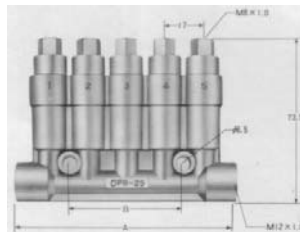
Usable volumetric system

Dester Plungers DPB Type

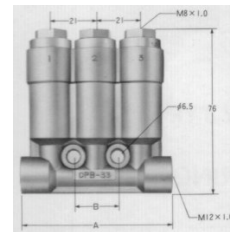
DPB10 Type



DPB20 Type



DPB30 Type

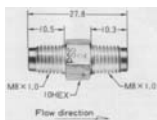


Type	DPB10 Type							DPB20 Type							DPB30 Type		
Number of discharge ports	1	2	3	5	6	8	10	1	2	3	5	6	8	10	1	2	3
Discharge volume (cc)	0.03 0.06 0.10 0.16							0.1 0.2 0.4 0.6							0.2 0.4 0.6 1.0 1.5		
Normal operation pressure (kgf/cm <sup>2</sup> )	5							8							8		
B measure (mm)			17	51	68	102	136			17	51	68	102	136			21
A measure (mm)	40	48	65	99	116	150	184	40	46	63	97	114	148	182	45	50	71

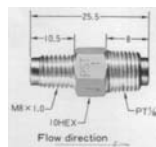
Usable Resistance System

Proper Units P\*\* .K\*\*Type

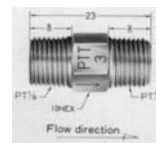
PSS



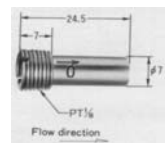
PST



PTT



KPB



Type		PSS	PST	PTS	PTT	KPB	KPF
Valve No		00	0	1	2	3	4
Flow Rate		0.5	2	4	8	16	32
Connection Port	In	M8 x 1	M8 x 1	PT 1/8	PT 1/8	PT 1/8	-
	Out	M8 x 1	PT 1/8	M8 x 1	PT 1/8	-	PT 1/8
Normal Working Pressure (kg/cm <sup>2</sup> )	1.5 ~ 20						
Recommended Viscosity (cSt)	20 ~ 500						

Also available distribution system fittings:

- Bushing
- Sleeves
- Adapters
- Check valves
- Reducers
- Nuts
- Elbow adapters
- Elbow connectors
- Elbows
- Junctions
- Junction bars
- Connectors
- Hose ends
- Tapered nipples
- Seal plugs
- Tubing clips
- Tubing inserts
- Tubing clips
- Flexible hoses
- Aluminium tubing
- Nylon tubing
- Filters