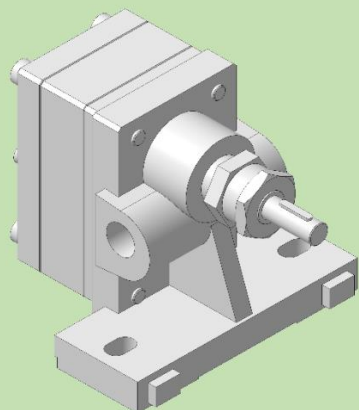
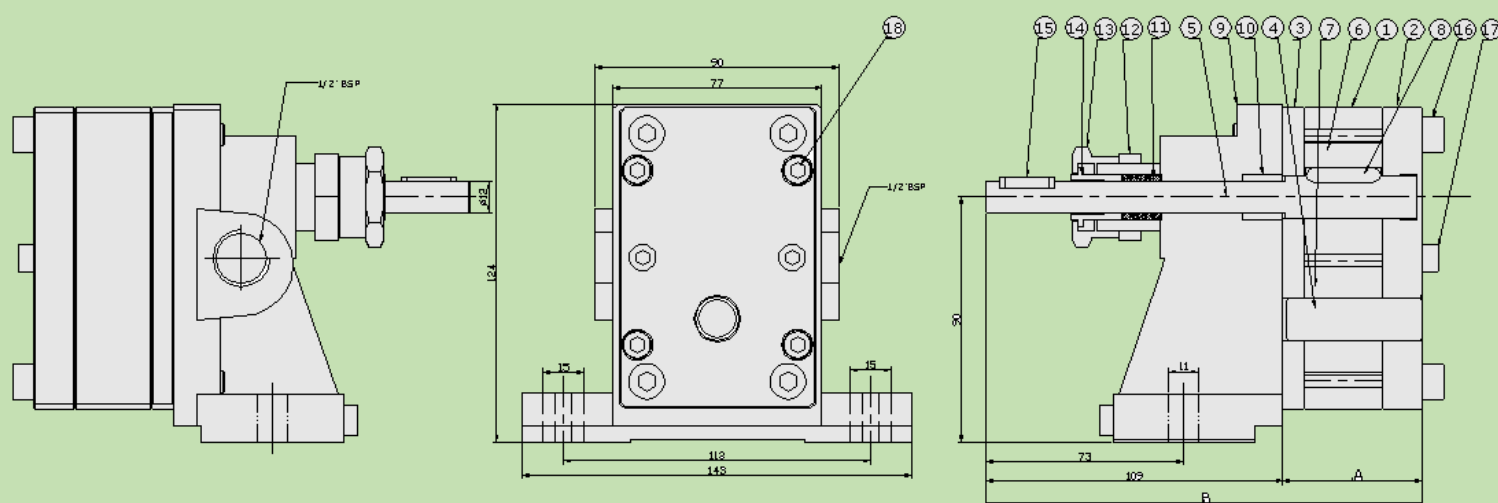


DMT- BM SERIES



Parameter's	Unit	Data / Values	DMT-BM Series pumps are a Foot Mount type, and cover mid-range capacity. Typical application: >Pumping and metering of PUR, adhesives (resin, hardener) >Pumping and metering of miscellaneous liquids >Pumping and metering (solvents, paints etc.) * Nitriding coating for Gears on request.
Displacement	cm ³ /rev	6,10,12,15,20 cm ³	
Speed Range	rpm	10-100 rpm	
Viscosity Max.	Pa·s	1000 Pa·s	
Inlet Pressure Range	kg/cm ²	30 kg/cm ²	
Outlet Pressure Max.	kg/cm ²	70 kg/cm ²	
Drive Shaft Seal		PTFE	
Temp. Operating Max.	°C	120°C	
Temp. Cleaning Max.	°C	150°C	
Standard Material		Alloy Steel*	

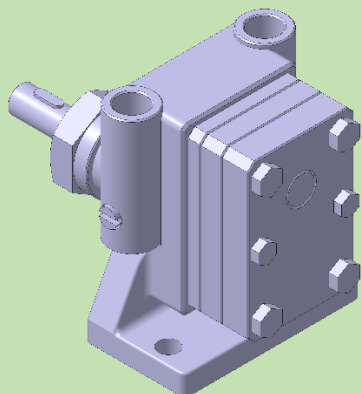


Item Number	Part Description	Quantity Per Pump
01	Center Plate	01
02	Back Plate	01
03	Front Plate	01
04	Pivot	01
05	Drive Shaft	01
06	Drive Gear	01
07	Driven Gear	01
08	Key	01
09	Block Holder	01

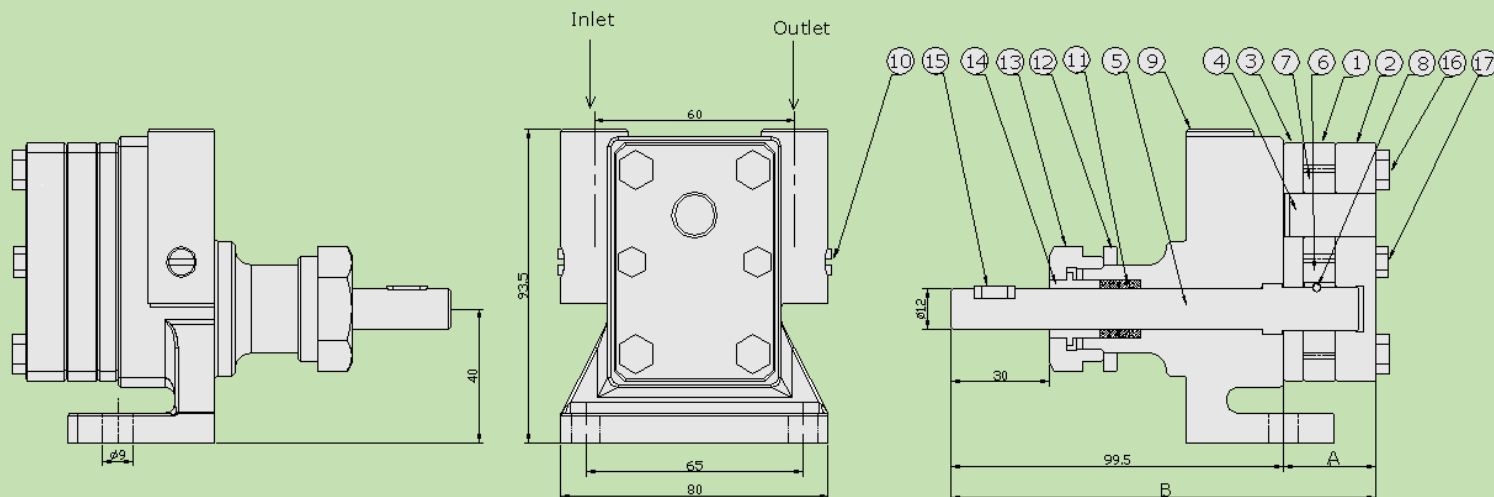
Item Number	Part Description	Quantity Per Pump
10	Bush	01
11	Sealing	05
12	Lock Nut	01
13	Hex Nut	01
14	Stuffing Box	01
15	Key	01
16	Hex Screw M8	04
17	Hex Screw M6	02
18	Allen Screw M6	04

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Dimension "B" in mm	Inlet Port ISO 228	Outlet Port ISO 228
DMT-BM-06	06	34.4	143.4	G1/2	G1/2
DMT-BM-10	10	40.0	149.0	G1/2	G1/2
DMT-BM-12	12	42.8	151.8	G1/2	G1/2
DMT-BM-15	15	47.0	156.0	G1/2	G1/2
DMT-BM-20	20	54.0	163.0	G1/2	G1/2
DMT-BM-25	25	61.0	170.0	G1/2	G1/2
DMT-BM-30	30	61.0	170.0	G1/2	G1/2

DMT-BM SERIES



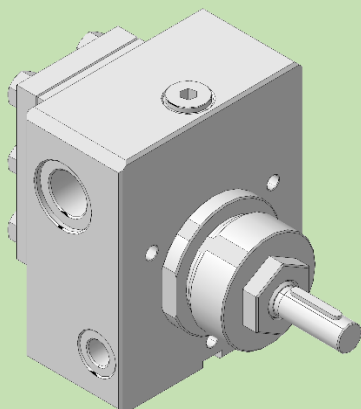
Parameter's	Unit	Data / Values	DMT-BM Series pumps are a Foot Mount type, and cover mid-range capacity. Typical application: >Pumping and metering of PUR, adhesives (resin, hardener) >Pumping and metering of miscellaneous liquids >Pumping and metering (solvents, paints etc.) * Nitriding coating for Gears on request.
Displacement	cm ³ /rev	0.1 to 3.0 cm ³	
Speed Range	rpm	10-100 rpm	
Viscosity Max.	Pa·s	1000 Pa·s	
Inlet Pressure Range	kg/cm ²	10 kg/cm ²	
Outlet Pressure Max.	kg/cm ²	40 kg/cm ²	
Drive Shaft Seal		PTFE	
Temp. Operating Max.	°C	120°C	
Temp. Cleaning Max.	°C	150°C	
Standard Material		Alloy Steel*	



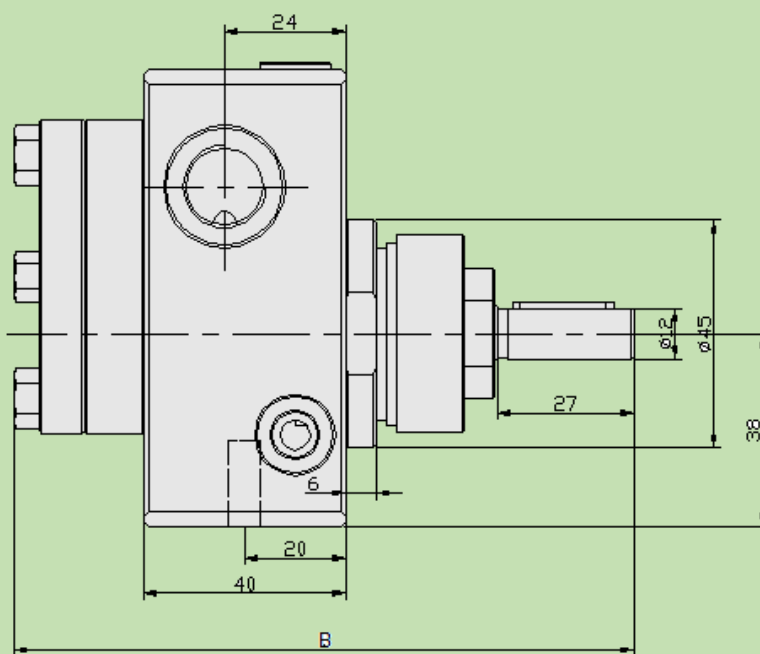
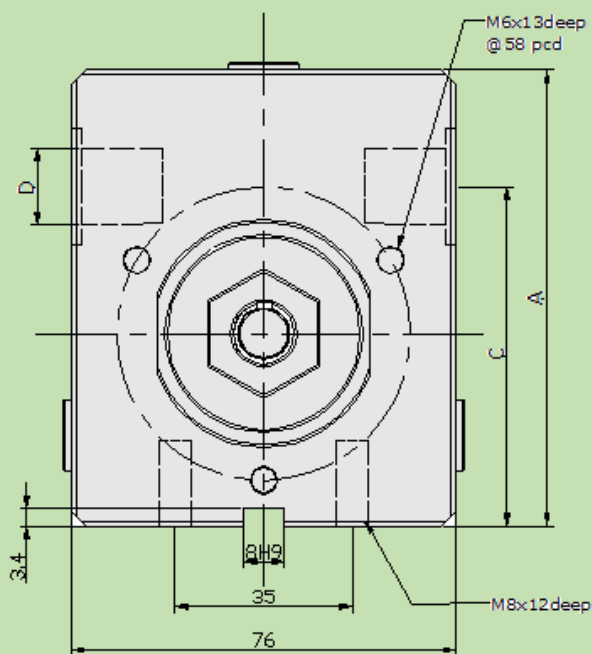
Item Number	Part Description	Quantity Per Pump
01	Center Plate	01
02	Back Plate	01
03	Front Plate	01
04	Pivot	01
05	Drive Shaft	01
06	Drive Gear	01
07	Driven Gear	01
08	Key	01
09	Block Holder	01

Item Number	Part Description	Quantity Per Pump
10	Port Screw	02
11	Sealing	04
12	Lock Nut	01
13	Hex Nut	01
14	Stuffing Box	01
15	Key	01
16	Hex Screw M8	04
17	Hex Screw M6	02

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Dimension "B" in mm	Inlet Port ISO 228	Outlet Port ISO 228
DMT-BM-0.1	0.1	16.9	116.4	G1/4	G1/4
DMT-BM-0.3	0.3	18.0	117.5	G1/4	G1/4
DMT-BM-0.6	0.6	21.0	120.5	G1/4	G1/4
DMT-BM-1.2	1.2	26.6	126.1	G1/4	G1/4
DMT-BM-1.6	1.6	27.2	126.7	G1/4	G1/4
DMT-BM-2.4	2.4	31.8	131.3	G1/4	G1/4
DMT-BM-3.0	3.0	35.2	134.7	G1/4	G1/4

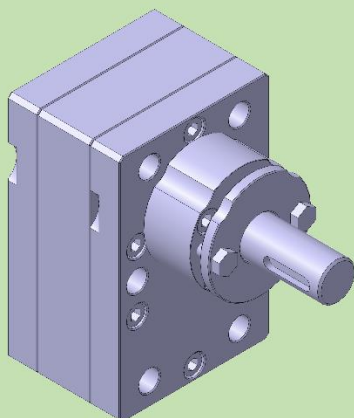


Parameter's	Unit	Data / Values	DMT-DM Series pumps are a Foot & Face Mount type, and cover mid-range capacity. Typical application: >Pumping and metering of PUR, adhesives (resin, hardener) >Pumping and metering of miscellaneous liquids >Pumping and metering (solvents, paints etc.) * Nitriding coating for Gears on request.
Displacement	cm³/rev	0.05 to 20.0 cm³	
Speed Range	rpm	10-100 rpm	
Viscosity Max.	Pa·s	1000 Pa·s	
Inlet Pressure Range	kg/cm²	10 kg/cm²	
Outlet Pressure Max.	kg/cm²	40 kg/cm²	
Drive Shaft Seal		PTFE	
Temp. Operating Max.	°C	120°C	
Temp. Cleaning Max.	°C	150°C	
Standard Material		Alloy Steel*	



Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Dimension "B" in mm	Dimension "C" in mm	Dimension "D" ISO 228
DMT-DM-0.05	0.05	90	116	67	G3/8
DMT-DM-0.1	0.1	90	117	67	G3/8
DMT-DM-0.3	0.3	90	121	67	G3/8
DMT-DM-0.6	0.6	90	119	67	G3/8
DMT-DM-1.2	1.2	90	122	67	G3/8
DMT-DM-3.0	3.0	90	132	67	G3/8
DMT-DM-6.0	6.0	118	135	78	G1/2
DMT-DM-12.0	12.0	118	143	78	G1/2
DMT-DM-20.0	20.0	118	153	78	G1/2

DMT-HM SERIES



Parameter's	Unit	Data / Values
Displacement	cm ³ /rev	6,10,12,15,20,30cm ³
Speed Range	rpm	10-100 rpm
Viscosity Max.	Pa·s	1000 Pa·s
Inlet Pressure Range	kg/cm ²	100 kg/cm ²
Outlet Pressure Max.	kg/cm ²	200 kg/cm ²
Drive Shaft Seal		PTFE
Temp. Operating Max.	°C	350°/120°C
Temp. Cleaning Max.	°C	450°/150°C
Standard Material		Tool Steel/ Alloy Steel*

DMT-HM Series pumps are a Base (Block) Mount type, and cover mid-range capacity.

Typical application:

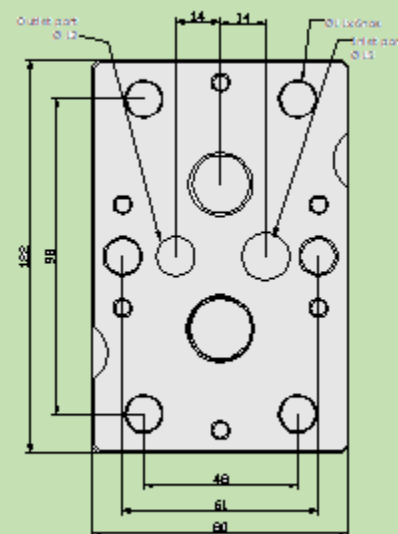
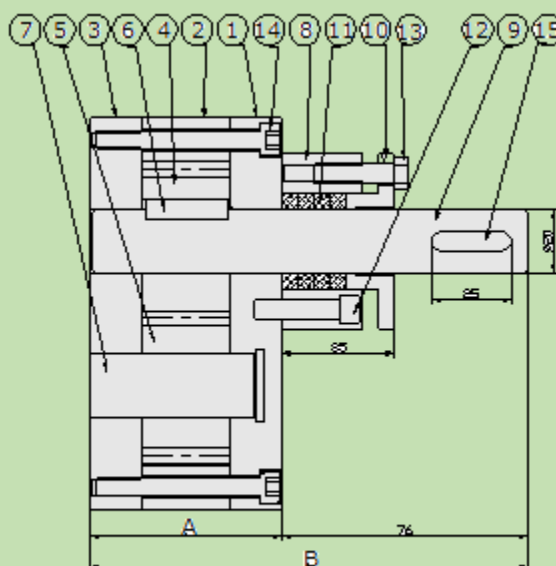
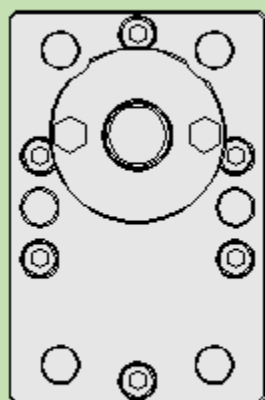
>Extrusion molding (polypropylene, polyethylene, polystyrenes, etc.)

>Pumping and metering of PUR, adhesives (resin, hardener)

>Chemical fiber making (nylone, polyester, etc.)

>Pumping and metering (solvents, paints etc.)

* Nitriding coating for Gears on request.

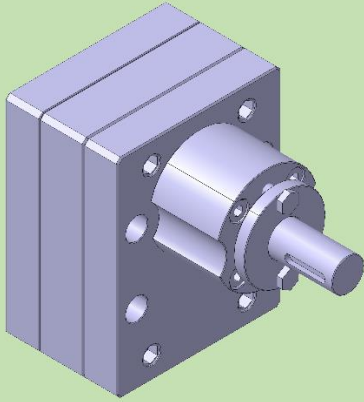


Item Number	Part Description	Quantity Per Pump
01	Center Plate	01
02	Back Plate	01
03	Front Plate	01
04	Pivot	01
05	Drive Shaft	01
06	Drive Gear	01
07	Driven Gear	01
08	Sealing Hub	01

Item Number	Part Description	Quantity Per Pump
09	Port Screw	02
10	Sealing	04
11	Lock Nut	01
12	Hex Nut	01
13	Stuffing Box	01
14	Key	01
15	Hex Screw M8	04

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Dimension "B" in mm
DMT-HM-6.0	6.0	40.4	116.4
DMT-HM-10	10.0	46.0	117.5
DMT-HM-12	12.0	48.8	120.5
DMT-HM-15	15.0	53.0	126.1
DMT-HM-20	20.0	60.0	126.7
DMT-HM-30	30.0	74.0	131.3

DMT-HM SERIES



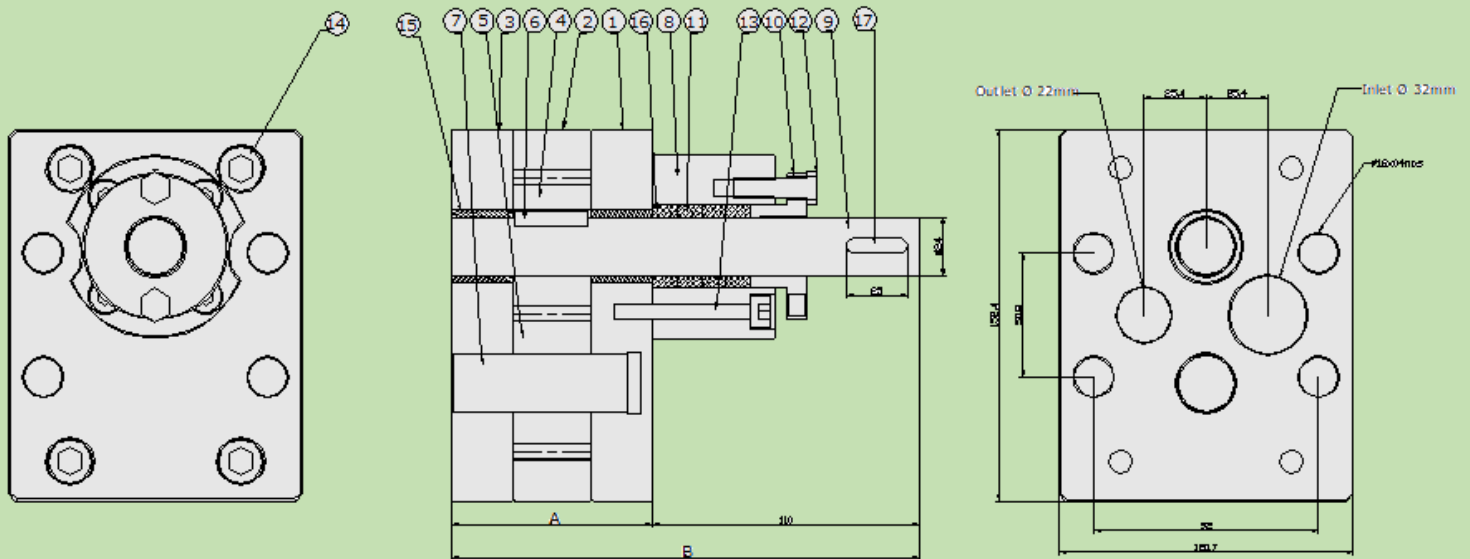
Parameter's	Unit	Data / Values
Displacement	cm ³ /rev	40,50,60,80,100cm ³
Speed Range	rpm	10-100 rpm
Viscosity Max.	Pa·s	150 Pa·s
Inlet Pressure Range	kg/cm ²	50 kg/cm ²
Outlet Pressure Max.	kg/cm ²	200 kg/cm ²
Drive Shaft Seal		PTFE
Temp. Operating Max.	°C	350°/120°C
Temp. Cleaning Max.	°C	450°/150°C
Standard Material		Tool Steel/ Alloy Steel*

DMT-HM Series pumps are a Base (Block) Mount type, and cover mid-range capacity.

Typical application:

- >Extrusion molding (polypropylene, polyethylene, polystyrenes, etc.)
- >Pumping and metering of PUR, adhesives (resin, hardener)
- >Chemical fiber making (nylone, polyester, etc.)
- >Pumping and metering (solvents, paints etc.)

*** Nitriding coating for Gears on request.**



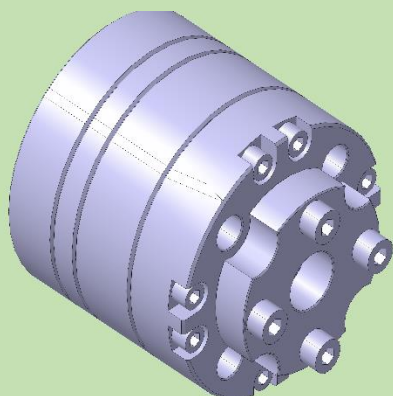
Item Number	Part Description	Quantity Per Pump
01	Front Plate	01
02	Center Plate	01
03	Back Plate	01
04	Drive Gear	01
05	Driven Gear	01
06	Key	01
07	Pivot	01
08	Sealing Hub	01
09	Drive Shaft	01

Item Number	Part Description	Quantity Per Pump
10	Hub Collar	01
11	Sealing	04
12	Collar Screw	02
13	Hub Screw	04
14	Plate Screw	04
15	Bush	02
16	Spacer	01
17	Key	01

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Dimension "B" in mm
DMT-HM-40	40	82	192
DMT-HM-50	50	90	200
DMT-HM-60	60	98	208
DMT-HM-80	80	114	224
DMT-HM-100	100	130	239

DMT- PLR SERIES

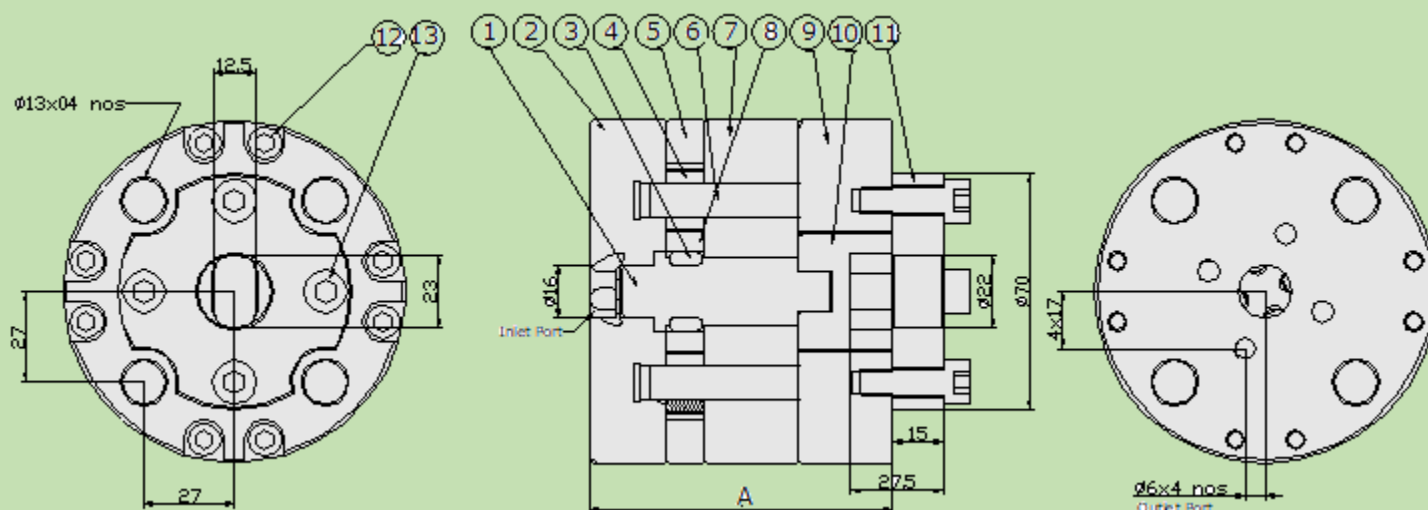
04 Outlet Ports X 01 Level



Parameter's	Unit	Data / Values
Displacement	cm ³ /rev	0.4 to 3.6 cm ³
Speed Range	rpm	10-40 rpm
Viscosity Max.	Pa·s	500 Pa·s
Inlet Pressure Range	kg/cm ²	80 kg/cm ²
Outlet Pressure Max.	kg/cm ²	350 kg/cm ²
Drive Shaft Seal		Mechanical face seal
Temp. Operating Max.	°C	350°C
Temp. Cleaning Max.	°C	450°C
Standard Material		Alloy Tool Steel

DMT-PLR Series pumps are a Base (Block) Mount type, and cover mid-range capacity.

Typical application:
Planetary Pumps For Textile Denier Melt Fiber Spinning.



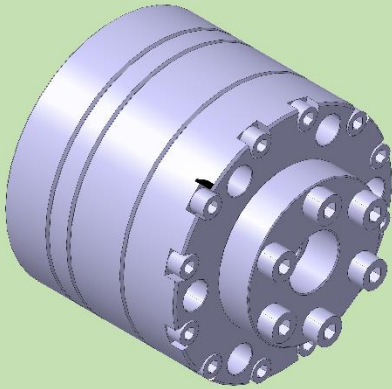
Item Number	Part Description	Quantity Per Pump
01	Drive Shaft	01
02	Back Plate	01
03	Key	02
04	Driven Gear	04
05	Center Plate	01
06	Pivot	04
07	Front Plate	01

Item Number	Part Description	Quantity Per Pump
08	Drive Gear	01
09	Coupling Housing Plate	01
10	Coupler	01
11	Hub Seal Plate	01
12	Plate Screw	08
13	Hub Screw	04

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Inlet Port dia in mm
DMT-PLR41-0.4	0.4	72.4	16
DMT-PLR41-0.6	0.6	73.5	16
DMT-PLR41-1.2	1.2	77.5	16
DMT-PLR41-1.8	1.8	81.2	16
DMT-PLR41-2.4	2.4	85.0	16
DMT-PLR41-3.0	3.0	88.6	16
DMT-PLR41-3.6	3.6	92.4	16

DMT- PLR SERIES

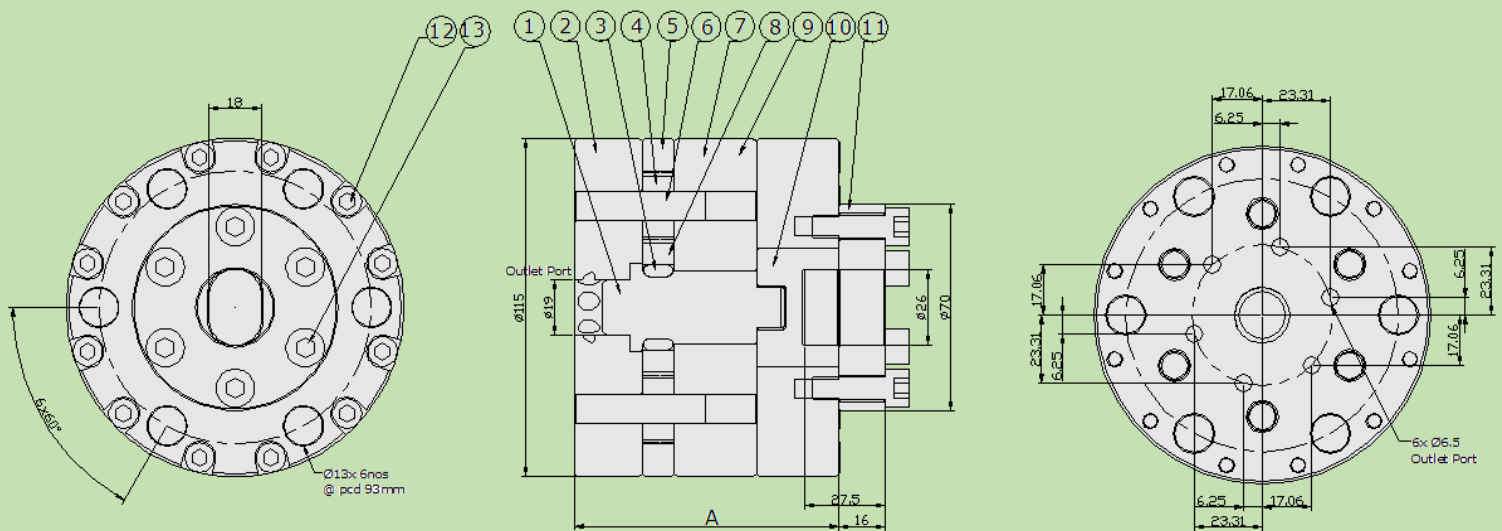
06 Outlet Ports X 01 Level



Parameter's	Unit	Data / Values
Displacement	cm ³ /rev	0.6 to 4.8 cm ³
Speed Range	rpm	06-30 rpm
Viscosity Max.	Pa·s	500 Pa·s
Inlet Pressure Range	kg/cm ²	80 kg/cm ²
Outlet Pressure Max.	kg/cm ²	350 kg/cm ²
Drive Shaft Seal		Mechanical face seal
Temp. Operating Max.	°C	350°C
Temp. Cleaning Max.	°C	450°C
Standard Material		Alloy Tool Steel

DMT-PLR Series pumps are a Base (Block) Mount type, and cover mid-range capacity.

**Typical application:
Planetary Pumps For Textile Denier
Melt Fiber Spinning.**



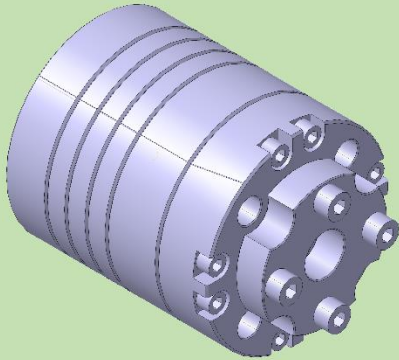
Item Number	Part Description	Quantity Per Pump
01	Drive Shaft	01
02	Back Plate	01
03	Key	02
04	Driven Gear	04
05	Center Plate	01
06	Pivot	04
07	Front Plate	01

Item Number	Part Description	Quantity Per Pump
08	Drive Gear	01
09	Coupling Housing Plate	01
10	Coupler	01
11	Hub Seal Plate	01
12	Plate Screw	12
13	Hub Screw	06

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Inlet Port dia in mm
DMT-PLR61-0.6	0.6	97.80	19
DMT-PLR61-1.2	1.2	100.4	19
DMT-PLR61-1.8	1.8	102.9	19
DMT-PLR61-2.4	2.4	105.5	19
DMT-PLR61-3.0	3.0	108.0	19
DMT-PLR61-3.6	3.6	110.6	19
DMT-PLR61-4.8	4.8	115.7	19

DMT- PLR SERIES

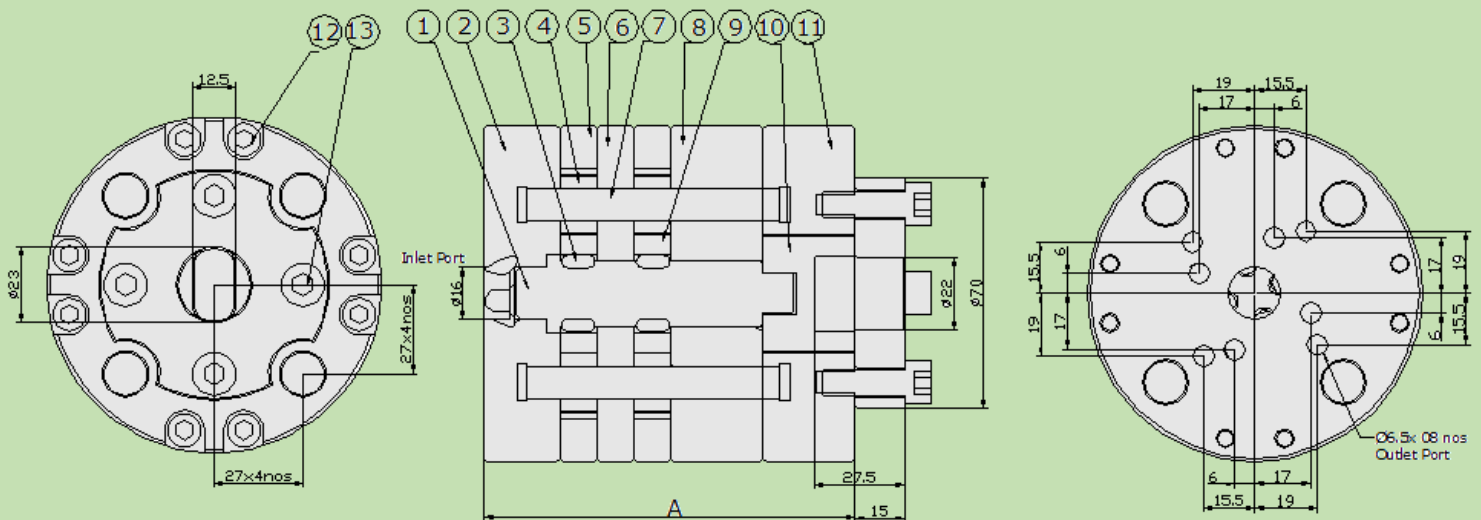
04 Outlet Ports X 02 Level



Parameter's	Unit	Data / Values
Displacement	cm ³ /rev	0.6 to 4.8 cm ³
Speed Range	rpm	10-40 rpm
Viscosity Max.	Pa·s	500 Pa·s
Inlet Pressure Range	kg/cm ²	80 kg/cm ²
Outlet Pressure Max.	kg/cm ²	350 kg/cm ²
Drive Shaft Seal		Mechanical face seal
Temp. Operating Max.	°C	350°C
Temp. Cleaning Max.	°C	450°C
Standard Material		Alloy Tool Steel

DMT-PLR Series pumps are a Base (Block) Mount type, and cover mid-range capacity.

Typical application:
Planetary Pumps For Textile Denier Melt Fiber Spinning.

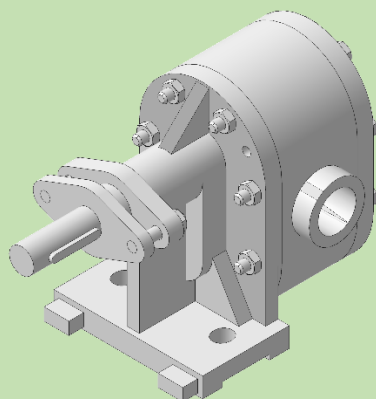


Item Number	Part Description	Quantity Per Pump
01	Drive Shaft	01
02	Back Plate	01
03	Key	04
04	Driven Gear	08
05	Center Plate	02
06	Intermediate Plate	01
07	Pivot	04

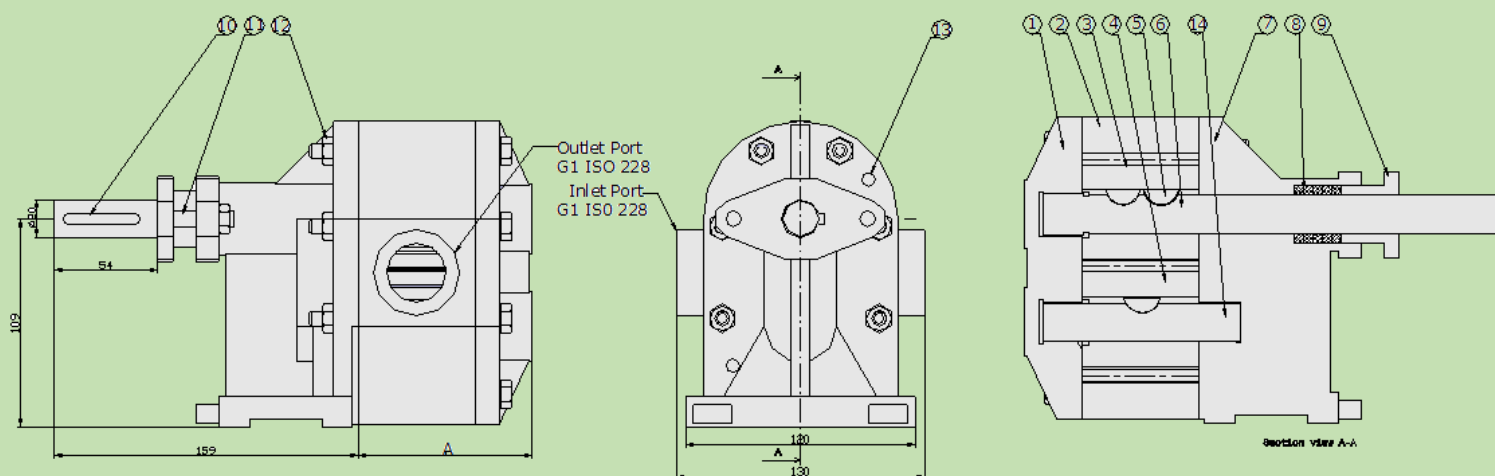
Item Number	Part Description	Quantity Per Pump
08	Front Plate	01
09	Drive Gear	02
10	Coupler	01
11	Coupling Housing Plate	01
12	Plate Screw	08
13	Hub Screw	04
14	Hub Seal Plate	01

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Inlet Port dia in mm
DMT-PLR42-0.6	0.6	97.80	16
DMT-PLR42-1.2	1.2	100.4	16
DMT-PLR42-1.8	1.8	102.9	16
DMT-PLR42-2.4	2.4	105.5	16
DMT-PLR42-3.0	3.0	108.0	16
DMT-PLR42-3.6	3.6	110.6	16
DMT-PLR42-4.8	4.8	115.7	16

DMT-VF-BM SERIES



Parameter's	Unit	Data / Values	DMT-BM Series pumps are a Base (Foot) Mount type, and cover mid-range capacity. Typical application: >Pumping and metering of PUR, adhesives (resin, hardener) >Pumping and metering of miscellaneous liquids >Pumping and metering (solvents, paints etc.) * Nitriding coating for Gears on request.
Displacement	cm ³ /rev	0.1 to 3.0 cm ³	
Speed Range	rpm	10-100 rpm	
Viscosity Max.	Pa·s	1000 Pa·s	
Inlet Pressure Range	kg/cm ²	10 kg/cm ²	
Outlet Pressure Max.	kg/cm ²	40 kg/cm ²	
Drive Shaft Seal		PTFE	
Temp. Operating Max.	°C	120°C	
Temp. Cleaning Max.	°C	150°C	
Standard Material		Alloy Steel*	



Item Number	Part Description	Quantity Per Pump	Item Number	Part Description	Quantity Per Pump
01	Back Plate	01	08	Gland Packing	01
02	Center Plate	01	09	Gland	01
03	Drive Gear	01	10	Key	01
04	Driven Gear	01	11	Stud	02
05	Key	03	12	Hex Screw	08
06	Drive Shaft	01	13	Dowel pin	02
07	Front Plate	01	14	Idler Shaft	01

Model No:	Displacement Per Port cm ³ /rev	Dimension "A" in mm	Inlet Port ISO 228	Outlet Port ISO 228
DMT-VF-60-001	60	76	G1	G1
DMT-VF-80-001	80	91	G1	G1