

Chem-Tech Series Series 100 & 150 Specifications

MATERIALS OF CONSTRUCTION

DESCRIPTION	STANDARD PUMPS	MATERIALS FOR SPECIAL APPLICATIONS
Pump Head	SAN	PVC, Polypropylene, or 316 SST
Diaphragm	Hypalon	Viton, Teflon Coated
Valve Seats	Hypalon	Viton, Teflon
Gaskets	Teflon	Teflon
Discharge Tubing	Polyethylene	1/2" NPT Connections
Suction Tubing	Flexible PVC	1/2" NPT Connections
Ball Checks	Ceramic	Teflon, 316 SST
Fittings	PVC	Polypropylene, 316 SST

NOTE: Maximum viscosity: 300 Cp., consult factory or chemical Resistance Guide for specific solutions, special components and accessories.

DIMENSIONS:

6+3/4"Hx8+7/8"Wx7+1/4"D (Series 100 & 150)
6+3/4"Hx12+5/16"Wx7+1/4"D (Series 100D)

TEMPERATURE LIMITATIONS:

125°F/51°C max.

ELECTRICAL REQUIREMENTS:

1/60 HP, 115V/60cy; 230V/60cy and 230V/60cy available on request

SHIPPING WEIGHT:

8 lbs./3.63 kg. (Series 100 & 150)
12 lbs./5.4 kg. (Series 100D)

Specifications subject to change without notice.

SPECIFICATIONS

Model Number	Max Pressure (psi/kgm ²)	Output Capacity at Max PSI (gpd/lpd per head)	Strokes/Minute	Amps 115v, Full Load	Model Number	Max Pressure (psi/kgm ²)	Output Capacity at Max PSI (gpd/lpd per head)	Strokes/Minute	Amps 115v, Full Load
SERIES 100					1265	60/4.2	12.0/45.5	13	.40
003	100/7	3/11.36	7	.30			9.0/34.4		
007	100/7	7/26.50	13	.42	1344	75/5.25	14.0/53.0	25	.59
015	100/7	15/56.78	25	.59			14.0/53.0		
024	100/7	24/90.84	51	.75	1345	75/5.25	18.0/68.1	25	.59
030	100/7	30/113.55	51	.79			14.0/53.0		
SERIES 150					1355	75/5.25	18.0/68.1	25	.59
068	60/4.2	68/257.38	51	1.0			18.0/68.1		
100	60/4.2	100/378	70	1.0	1364	60/4.2	25.0/94.6	25	.59
SERIES 100D							15.0/56.8		
1144	50/3.5	4.0/15.1	7	.28	1365	60/4.2	25.0/94.6	25	.59
		4.0/15.1					19.0/71.9		
1145	50/3.5	5.0/18.9	7	.28	1444	75/5.25	30.0/113.5	51	.76
		4.0/15.1					30.0/113.5		
1155	50/3.5	5.0/18.9	7	.28	1445	75/5.25	30.0/124.9	51	.76
		5.0/18.9					33.0/113.5		
1244	75/5.25	6.5/24.6	13	.40	SERIES 150D				
		6.5/24.6			1455	75/5.25	33.0/124.9	51	.76
1245	75/5.25	7.5/28.4	13	.40			33.0/124.9		
		6.5/24.6			1464	60/4.2	69.0/261.2	51	.76
1255	75/5.25	7.5/28.4	13	.40			32.0/121.1		
		7.5/28.4			1465	60/4.2	69.0/262.2	51	.76
1264	60/4.2	12.0/45.4	13	.40			24.0/132.8		
		8.0/30.3			1466	60/4.2	69.0/261.2	51	.76