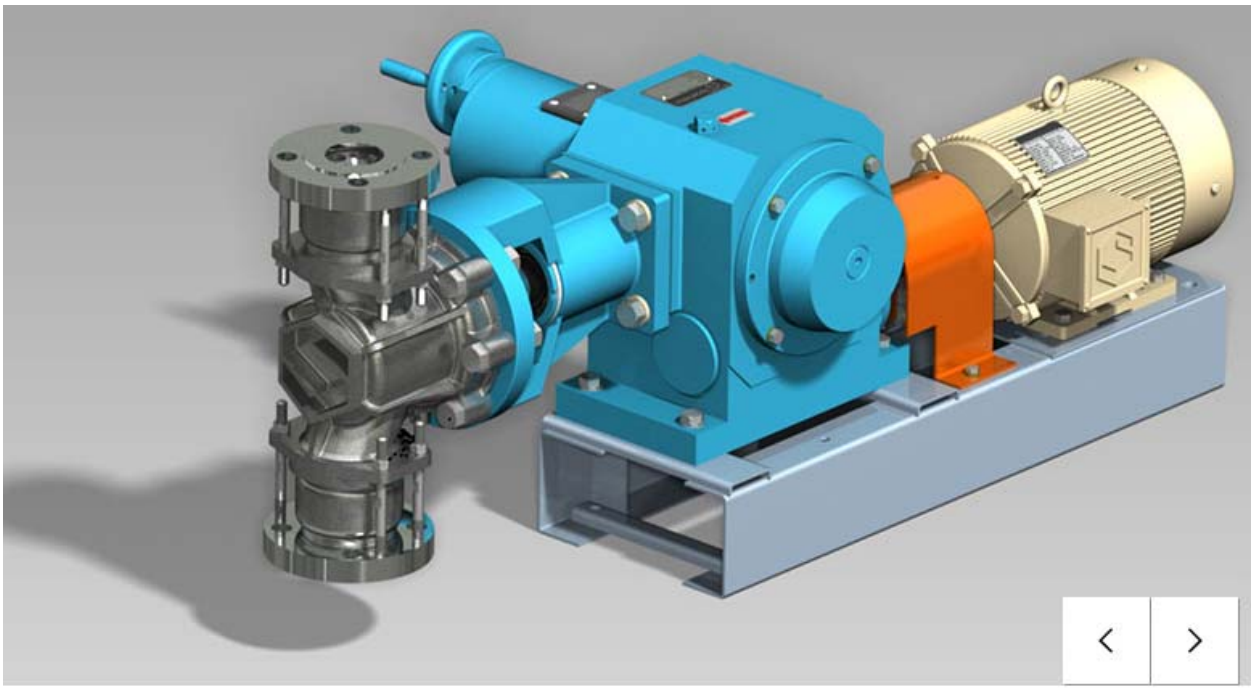
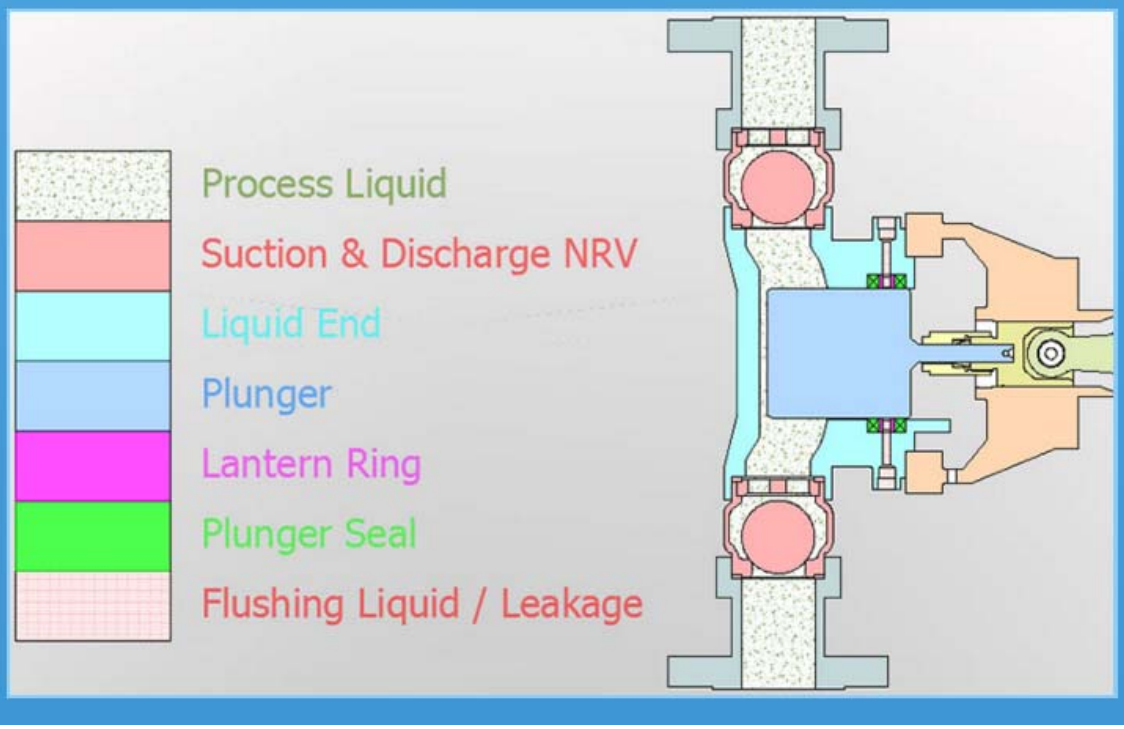


- Simple Design / Economical / Robust Design
- Easy To maintain
- Special Seal for Minimal Leakage
- High Pumping Pressures & API 675 Accuracies
- Low NPSHR
- Available with Jacketing for Molten Liquids

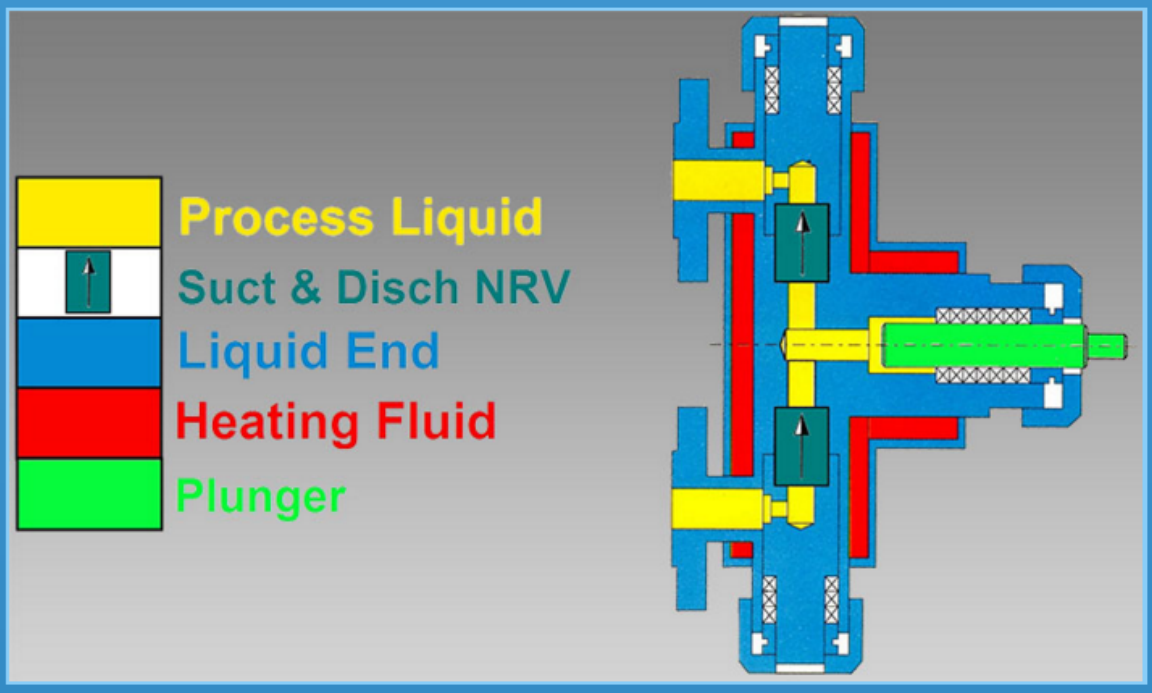
Standard Type

- Due to their simplicity they are quite economical.
- Low maintenance cost.
- They can be provided with latern ring flushing connections.
- They have Low NPSHR requirement.
- They have high reliability.



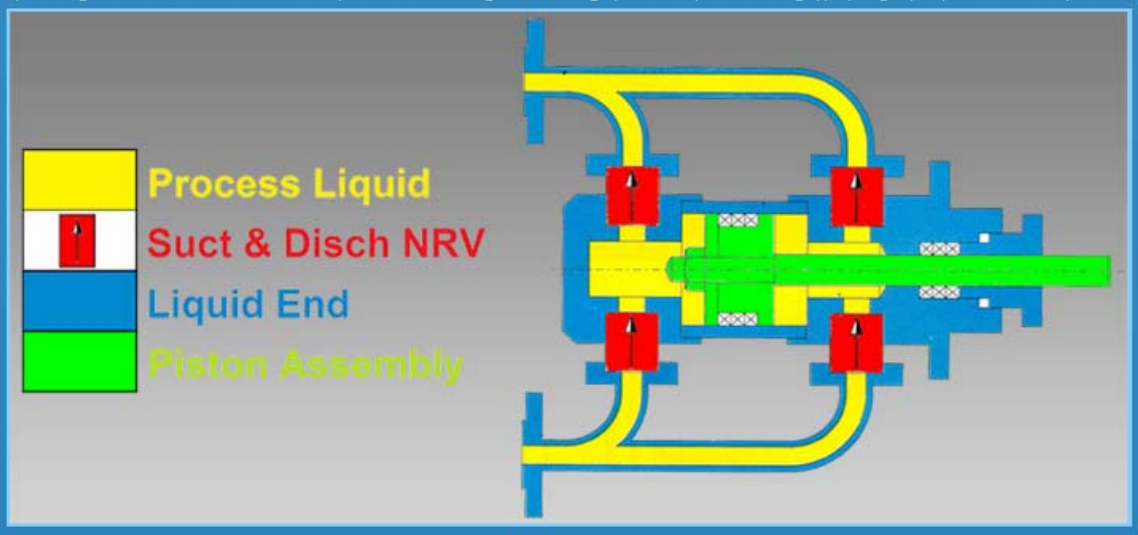
Jacketed Heads

- The jacket encloses the check valves and gland chamber.
- The valves are cartridge type and can be removed for servicing without dismantling the suction and discharge Connections.



High Capacity Heads

For capacities greater than nine thousand Litres per Hour and having low discharge pressures, double acting type plunger pump heads can be provided.



Special variations can be provided for extreme pumping conditions or liquids > Click Here

PUMP MODEL SELECTION CHART

Stroke Length (mm)	Strokes per minute	Plunger Force (Kgf)	Plunger Diameters > (mm)	15	25	35	45	55	60	65	77	90	100	115	127	160
20	57	248	Flow (LPH) >	11.0	30.6	59.9	99.0	147.9	176.0	206.5	289.8	-	-	-	-	-
			Pr (Kg/cm² g) >	116.0	41.8	21.3	12.9	7.9	6.3	5.0	2.8	-	-	-	-	-
	70	228	Flow (LPH) >	13.5	37.5	73.5	121.6	181.6	216.1	253.7	356.0	-	-	-	-	-
			Pr (Kg/cm² g) >	106.6	38.4	19.6	11.8	7.1	5.6	4.4	2.4	-	-	-	-	-
	100	252	Flow (LPH) >	19.3	53.6	105.1	173.7	259.4	308.8	362.4	508.5	-	-	-	-	-
			Pr (Kg/cm² g) >	117.9	42.4	21.6	13.1	8.1	6.4	5.1	2.9	-	-	-	-	-
	114	228	Flow (LPH) >	22.0	61.1	119.8	198.0	295.8	352.0	413.1	579.7	-	-	-	-	-
			Pr (Kg/cm² g) >	106.6	38.4	19.6	11.8	7.1	5.6	4.4	2.4	-	-	-	-	-
	141	216	Flow (LPH) >	27.2	75.6	148.1	244.9	365.8	435.3	510.9	717.0	-	-	-	-	-
			Pr (Kg/cm² g) >	101.0	36.4	18.6	11.2	6.6	5.1	4.0	2.1	-	-	-	-	-
	196	168	Flow (LPH) >	37.8	105.1	205.9	340.4	508.5	605.2	710.2	996.7	-	-	-	-	-
			Pr (Kg/cm² g) >	78.6	28.3	14.4	8.1	4.6	3.4	2.6	1.1	-	-	-	-	-
30	60	444	Flow (LPH) >	-	-	-	156.3	233.5	277.9	326.1	457.7	625.2	771.9	-	-	-
			Pr (Kg/cm² g) >	-	-	-	23.1	15.4	13.0	11.1	7.0	4.5	3.2	-	-	-
	75	413	Flow (LPH) >	-	-	-	195.4	291.9	347.4	407.7	572.1	781.5	964.9	-	-	-
			Pr (Kg/cm² g) >	-	-	-	21.5	14.4	12.1	10.3	6.4	4.0	2.8	-	-	-
	100	348	Flow (LPH) >	-	-	-	260.5	389.2	463.1	543.5	762.8	1042.1	1286.5	-	-	-
			Pr (Kg/cm² g) >	-	-	-	18.1	12.1	10.2	8.0	5.0	3.0	1.9	-	-	-
	120	331	Flow (LPH) >	-	-	-	312.6	467.0	555.8	652.2	915.3	1250.5	1543.8	-	-	-
			Pr (Kg/cm² g) >	-	-	-	17.2	11.5	9.2	7.5	4.6	2.7	1.7	-	-	-
	141	319	Flow (LPH) >	-	-	-	367.3	548.7	653.0	766.4	1075.5	1469.3	1813.9	-	-	-
			Pr (Kg/cm² g) >	-	-	-	16.6	11.1	8.8	7.1	4.4	2.5	1.6	-	-	-
	196	283	Flow (LPH) >	-	-	-	510.6	762.8	907.7	1065.3	1495.0	2042.4	2521.5	-	-	-
			Pr (Kg/cm² g) >	-	-	-	14.7	9.4	7.5	6.0	3.6	1.9	1.1	-	-	-
45	57	544	Flow (LPH) >	-	-	-	-	332.7	396.0	464.7	652.2	891.0	1099.9	-	-	-
			Pr (Kg/cm² g) >	-	-	-	-	18.9	15.9	13.5	9.2	6.1	4.4	-	-	-
	70	544	Flow (LPH) >	-	-	-	-	408.6	486.3	570.7	800.9	1094.2	1350.8	-	-	-
			Pr (Kg/cm² g) >	-	-	-	-	18.9	15.9	13.5	9.2	6.1	4.4	-	-	-
	93	489	Flow (LPH) >	-	-	-	-	542.9	646.1	758.2	1064.0	1453.7	1794.6	-	-	-
			Pr (Kg/cm² g) >	-	-	-	-	17.0	14.3	12.2	8.0	5.2	3.7	-	-	-
	117	480	Flow (LPH) >	-	-	-	-	683.0	812.8	953.9	1338.6	1828.8	2257.8	-	-	-
			Pr (Kg/cm² g) >	-	-	-	-	16.7	14.0	12.0	7.8	5.0	3.6	-	-	-
	149	471	Flow (LPH) >	-	-	-	-	869.8	1035.1	1214.8	1704.8	2329.0	2875.3	-	-	-
			Pr (Kg/cm² g) >	-	-	-	-	16.4	13.8	11.7	7.6	4.9	3.5	-	-	-
60	60	624	Flow (LPH) >	-	-	-	-	467.0	555.8	652.2	915.3	1250.5	1543.8	2041.6	2490.0	-
			Pr (Kg/cm² g) >	-	-	-	-	21.7	18.2	15.5	11.1	7.3	5.4	3.5	2.4	-
	75	593	Flow (LPH) >	-	-	-	-	583.7	694.7	815.3	1144.1	1563.1	1929.7	2552.1	3112.5	-
			Pr (Kg/cm² g) >	-	-	-	-	20.6	17.3	14.8	10.5	6.8	5.1	3.2	2.2	-
	100	533	Flow (LPH) >	-	-	-	-	778.3	926.3	1087.1	1525.5	2084.1	2573.0	3402.7	4149.9	-
			Pr (Kg/cm² g) >	-	-	-	-	18.5	15.6	13.3	8.9	5.9	4.3	2.6	1.7	-
	123	513	Flow (LPH) >	-	-	-	-	957.3	1139.3	1337.1	1876.4	2563.4	3164.7	4185.4	5104.4	-
			Pr (Kg/cm² g) >	-	-	-	-	17.8	15.0	12.8	8.5	5.6	4.0	2.4	1.5	-
	150	493	Flow (LPH) >	-	-	-	-	1167.5	1389.4	1630.6	2288.3	3126.2	3859.4	5104.1	6224.9	-
			Pr (Kg/cm² g) >	-	-	-	-	17.1	14.4	12.3	8.1	5.2	3.8	2.2	1.4	-
60HP	60	1440	Flow (LPH) >	-	-	-	-	-	-	652.2	915.3	1250.5	1543.8	2041.6	2490.0	3952.1
			Pr (Kg/cm² g) >	-	-	-	-	-	-	35.9	25.6	18.7	15.2	11.5	8.9	4.7
	74	1360	Flow (LPH) >	-	-	-	-	-	-	804.4	1128.9	1542.2	1904.0	2518.0	3071.0	4874.2
			Pr (Kg/cm² g) >	-	-	-	-	-	-	33.9	24.1	17.7	14.3	10.8	8.2	4.3
	93	1267	Flow (LPH) >	-	-	-	-	-	-	1011.0	1418.7	1938.2	2392.9	3164.6	3859.4	6125.7
			Pr (Kg/cm² g) >	-	-	-	-	-	-	31.6	22.5	16.5	13.3	10.1	7.5	3.8
	112	1260	Flow (LPH) >	-	-	-	-	-	-	1217.5	1708.6	2334.2	2881.7	3811.1	4647.9	7377.2
			Pr (Kg/cm² g) >	-	-	-	-	-	-	31.4	22.4	16.4	13.3	10.0	7.4	3.8
	150	1253	Flow (LPH) >	-	-	-	-	-	-	1630.6	2288.3	3126.2	3859.4	5104.1	6224.9	9880.2
			Pr (Kg/cm² g) >	-	-	-	-	-	-	31.2	22.2	16.3	13.2	9.6	7.4	3.7
90	60	1529	Flow (LPH) >	-	-	-	-	-	-	978.4	1373.0	1875.7	2315.7	3062.5	3734.9	5928.1
			Pr (Kg/cm² g) >	-	-	-	-	-	-	38.1	27.1	19.9	16.1	12.2	9.6	5.1
	75	1458	Flow (LPH) >	-	-	-	-	-	-	1223.0	1716.2	2344.6	2894.6	3828.1	4668.7	7410.1
			Pr (Kg/cm² g) >	-	-	-	-	-	-	36.3	25.9	18.9	15.3	11.6	9.0	4.8
	100	1413	Flow (LPH) >	-	-	-	-	-	-	1630.6	2288.3	3126.2	3859.4	5104.1	6224.9	9880.2
			Pr (Kg/cm² g) >	-	-	-	-	-	-	35.2	25.1	18.4	14.9	11.2	8.7	4.5

70	60	1529	Flow (LPH) >	-	-	-	-	-	-	1521.9	2135.7	2917.7	3602.2	4763.8	5809.9	9221.5
			Pr (Kg/cm^2 g) >	-	-	-	-	-	-	38.1	27.1	19.9	16.1	12.2	9.6	5.1
	75	1458	Flow (LPH) >	-	-	-	-	-	-	1902.4	2669.6	3647.2	4502.7	5954.8	7262.4	11526.9
			Pr (Kg/cm^2 g) >	-	-	-	-	-	-	36.3	25.9	18.9	15.3	11.6	9.0	4.8
	100	1413	Flow (LPH) >	-	-	-	-	-	-	2536.5	3559.5	4862.9	6003.6	7939.7	9683.2	15369.2
			Pr (Kg/cm^2 g) >	-	-	-	-	-	-	35.2	25.1	18.4	14.9	11.2	8.7	4.5
	115	1315	Flow (LPH) >	-	-	-	-	-	-	2917.0	4093.5	5592.3	6904.1	9130.7	11135.7	17674.6
			Pr (Kg/cm^2 g) >	-	-	-	-	-	-	32.8	23.3	17.1	13.8	10.5	7.9	4.0
	150	1218	Flow (LPH) >	-	-	-	-	-	-	3804.8	5339.3	7294.4	9005.4	11909.6	14524.8	23053.8
			Pr (Kg/cm^2 g) >	-	-	-	-	-	-	30.3	21.6	15.8	12.8	9.2	7.1	3.6

Note: The above chart is only given as a guide. Pumps are manufactured to meet your required capacities & pressures. Other SPMs can also be offered. We reserve the right to change the data provided above without any notice.