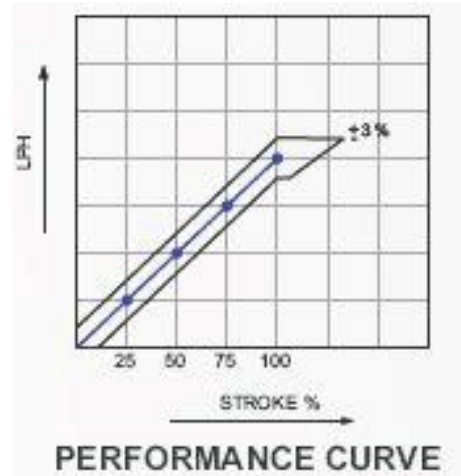


# AERON ENGINEERING

## TECHNICAL CATALOGUE OF PLUNGER DOSING PUMP WITH PERFORMANCE TABLE



PUMP SPEED - 100 SPM (NOMINAL) GEAR RATIO 15:1 MOTOR 1500 RPM							PUMP SPEED - 185\200 SPM (NOMINAL) GEAR RATIO 8:1 MOTOR 1500 RPM			
Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w	MODEL	PL. Dia mm	Max. Pr. Kg/cm <sup>2</sup>	Cap. LPH	Suc. Del. mmNB/BSP	% of Max Pr.	Motor k.w
1.5	15	ALL	0.37	PD-I	6	80	2.8	8	ALL	0.37
2.8	15				8	80	5	8		
4.2	15				10	80	7.8	8		
6.1	15				12	80	11.3	8		
11	15				16	80	20	15		
17	15				20	60	31	15		
24	15				24	42	45	15		
48	15				32	24	80	15		
68	15				40	15	125	15		
82	15				44	12	152	15		

**Correspondence Office:** A2-105, Shubh Innovate Ind Co-op Soc.Ltd, Gokhiware, Opp Chichpada Bus Stop, Valiv Road, Vasai (East), Dist. Palghar – 401 208.

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PUMP SPEED - 100 SPM (NOMINAL) GEAR RATIO 15:1 MOTOR 1500 RPM				PUMP SPEED - 185\200 SPM (NOMINAL) GEAR RATIO 8:1 MOTOR 1500 RPM						
Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w	MODEL	PL. Dia mm	Max. Pr. Kg/cm <sup>2</sup>	Cap. LPH	Suc. Del. mmNB/BSP	% of Max Pr.	Motor k.w
31	15	ALL	0.37	PD-II	20	99	68	15	100	0.37
49	15				24	69	98	15		
87	15				32	38	174	15		
136	15				40	25	271	25		
164	25				44	20	328	25		
195	25				48	17	391	25	50	0.75
247	25				54	13	495	25		
326	25				62	10	652	40		
358	25				65	9	716	40		
381	25				67	8	761	40		

24	15			PD-III	12	230	48	15	100	1.5
59	15				20	200	119	15		
86	15				24	155	171	15		
152	25				32	87	304	25	70	2.2
238	25				40	56	475	25		
342	25				48	39	684	40		
433	25				54	31	866	40	40	1.1
571	25				62	23	1142	40		
627	40				65	21	1255	40		
770	40				72	17	1540	40	25	0.75
1023	40				83	13	2046	40		
1203	40				90	11	2406	40		
1484	40				100	9	2968	40		

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PUMP SPEED - 100 SPM (NOMINAL) GEAR RATIO 15:1 MOTOR 1500 RPM						PUMP SPEED - 185\200 SPM (NOMINAL) GEAR RATIO 8:1 MOTOR 1500 RPM				
Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w	MODEL	PL. Dia mm	Max. Pr. Kg/cm <sup>2</sup>	Cap. LPH	Suc. Del. mmNB/BSP	% of Max Pr.	Motor k.w
102	15	100	3.7	PD-IV	20	200	204	15	100	7.5
147	25	80	3.7		24	200	293	25	80	5.5
361	25				32	155	521	25		
407	25				40	100	815	25		
587	25				48	69	1173	40		
742	40	50	2.2		54	55	1485	40	50	3.7
979	40				62	41	1957	40		
1074	40				65	37	2151	40		
1320	40				72	30	2639	40		
1753	40	50	1.1		83	23	3506	80X50	30	2.2
2061	40				90	19	4122	80X50		
2545	80X50				100	15	5089	80X50		
3080	80X50				110	12	6158	80X50		
3664	80X50				120	10	7329	80X50		

## MOC CHART

SR NO.	DESCRIPTION	MOC	SR NO.	DESCRIPTION	MOC
1	PLUNGER	SS 304, SS 316, SS 304L, SS 316L	1	PLUNGER RING	PTFE
2	LIQUID HEAD	SS 304, SS 316, HASTALLOY, ALLOY 20	2	NRV BALLS	SS, PTFE, GLASS, CERAMIC
3	THROUGHT BUSH	SS 304, SS 316, HASTALLOY, ALLOY 20	3	GLAND PACKING	PTFE
4	NON RETURN VALVE	SS 304, SS 316, HASTALLOY, ALLOY 20, PP, PVC, PTFE			

## FEATURES

- **MULTIPLE HEAD PUMPS WITH COMMON DRIVE FOR MIXING TWO OR MORE LIQUID IN A DESIRED RATIO. THE RATIO CAN BE EASILY RESET.**
- **THE DESIGN & PERFORMANCE OF PD SERIES PUMPS CONFORMS TO API675.**

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