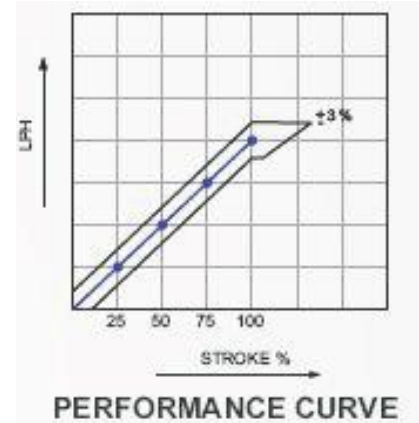


# AERON ENGINEERING

## TECHNICAL CATALOGUE OF HYDRAULIC DOSING PUMP WITH PERFORMANCE TABLE



PUMP SPEED - 100 SPM (NOMINAL) GEAR RATIO 15:1 MOTOR 1500 RPM				MODEL	PL. Dia mm	Max. Pr. Kg/cm <sup>2</sup>	PUMP SPEED - 185 SPM (NOMINAL) GEAR RATIO 8:1 MOTOR 1500 RPM			
Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w				Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w
1.5	15	ALL	0.37	HYD I S1	6	80	2.8	8	ALL	0.37
2.8	15				5	8				
4.2	15				7.8	8				
6.1	15				11.3	8				
11	15				20	15				
17	15				31	15				
24	15				45	15				
30	15				60	15				
48	15				80	15				
68	15				125	15				
82	15				150	15				
31	15				ALL	0.37	HYD II S2	20		
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		
247	25	54	13	500				25		
								50	0.75	

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Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w				Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w
326	25			HYD III S2	62	10	652	40	100	0.75
358	25				65	9	716	40		
381	25				67	8	761	40		
59	15				20	200	119	15		
86	15				24	155	171	15		
152	25				32	87	304	25		
238	25				40	56	475	25	70	2.2
					44	44	574	40		
342	25				48	39	684	40		
433	25				54	31	866	40		

59	15			HYD III S3	20	200	119	15	100	1.5
86	15				24	155	171	15		
152	25				32	87	304	25		
238	25				40	56	475	25	70	2.2
342	25				48	39	684	40		
433	25				54	31	866	40		
571	25				62	23	1142	40	40	3.7
627	40				65	21	1255	40		
770	40				72	17	1540	50		
1023	40				83	13	2046	50	25	5.5
1203	40				90	11	2406	50		
1484	40				100	9	2968	50		

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Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w				Cap. LPH	Suc. Del. mmNB/BSP	% Of Max. Pr.	Motor k.w
102	15			HYD IV S3	20	200	204	15		
147	25				24	200	293	25		
361	25				32	155	521	25	100	7.5
407	25				40	100	815	25		2.2
587	25				48	69	1173	40	80	
742	40				54	55	1485	40		
979	40				62	41	1957	50	50	3.7
1074	40				65	37	2151	50		
1320	40				72	30	2639	80	3	
1753	40				83	23	3506	80		5.5
2061	40				90	19	4122	80		
2545	80X50				100	15	5089	80		

## MOC CHART

SR NO.	DESCRIPTION	MOC	SR NO.	DESCRIPTION	MOC
1	PLUNGER	EN 8	4	NRV SEALING RING	PTFE
2	LIQUID HEAD	SS 304, SS 316, HASTALLOY, ALLOY 20, PP, PVC, PTFE	5	NRV BALLS	SS, PTFE, GLASS, CERAMIC
3	NON RETURN	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 PUMPS CONFORMS TO API675.

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