



AB Hexagon 20 | 2"-2" Centrifugal Pump – PTO Driven

The AB Hexagon 20 centrifugal pump is designed to operate via a tractor's Power Take-Off (PTO) shaft, featuring a 2" inlet and 2" outlet. It is primarily used for filling and emptying water tanks mounted on the rear of agricultural tractors.

This pump can be mounted on a support frame connected to the tractor's three-point hitch, making it suitable for agricultural irrigation applications.

The gear ratios have been optimally engineered to ensure efficient fuel consumption and reliable performance. For proper operation, the tractor's PTO speed must be maintained between 300–350 rpm, while the engine tachometer should indicate a speed of 600–700 rpm, depending on the tractor brand. Operating outside these parameters may result in damage to the gearbox.



PTO 300 rpm/min



PTO 350 rpm/min

L/min	Head (m)	kW	L/min	Head (m)	kW
502.2	4.33	3.00	498.0	8.27	4.86
468.0	8.09	3.29	471.0	12.26	5.32
447.6	11.89	3.59	457.8	14.19	5.50
439.8	13.50	3.65	430.2	22.24	5.64
425.4	18.34	3.82	411.0	28.80	5.67
411.0	23.95	3.97	403.2	31.24	5.72
400.2	27.10	4.00	399.6	33.15	5.68
381.0	31.49	3.92	336.0	45.00	5.20
310.2	32.75	3.46	283.8	50.20	4.91
240.0	34.00	3.00	253.2	51.50	4.76
79.2	34.60	1.96	59.4	53.40	3.23
0.0	35.00	1.30	0.0	54.07	2.80