

ADJ 60 - 80 - 100

Self-priming centrifugal pump

Self-priming electric pump for pumping clean, fresh water.

Applications

- Irrigation
- Residential systems
- Water supply
- Water transfer
- Can be coupled to pressure tanks

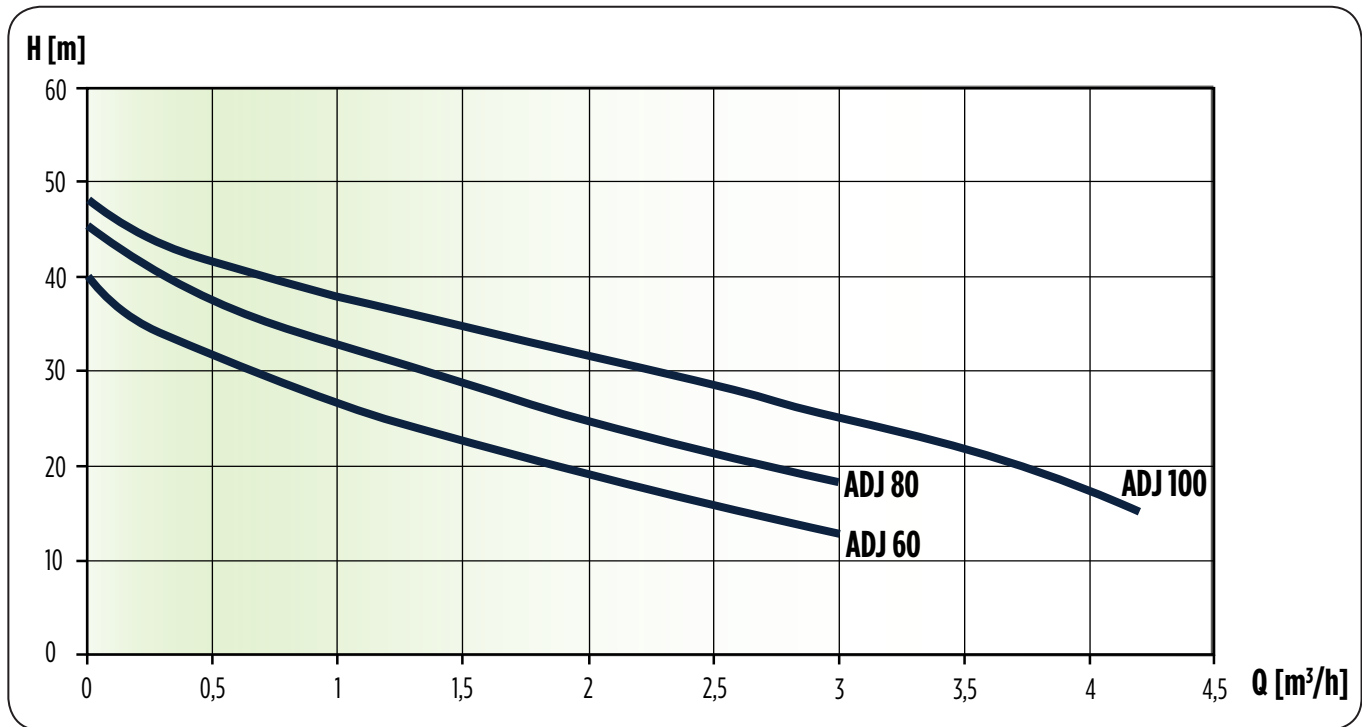
Construction features

- Pump body: Cast iron
- Motor support: Aluminium
- Impeller: Noryl®* / Composite Material
- Mechanical seal: Ceramic/Graphite
- Motor shaft: Stainless Steel AISI 420
- Insulation class: F
- Degree of protection: IP 44
- Maximum liquid temperature: 40 °C
- Maximum suction lift: 9 m
- Maximum impurity size: 3 mm

*Noryl® is a Registered Trademark of G.E.

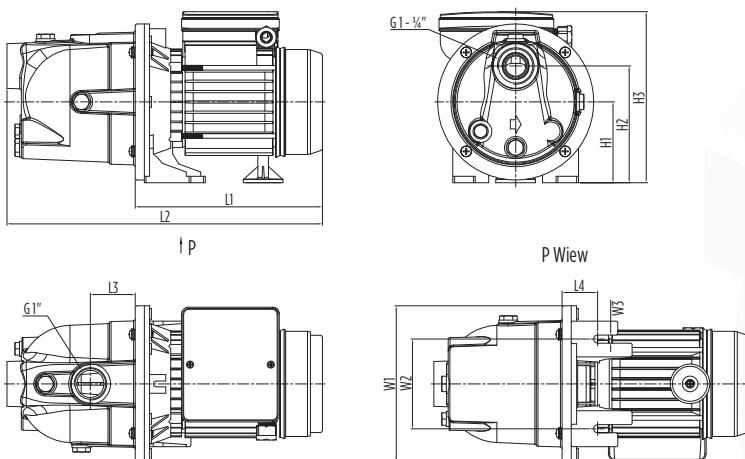


Performance Curve and Technical Data



Model		P1 [KW]		P2		Capacitor (1-)		Power consumption		Q = flow							
		230 V 1-	400 V 3-	230 V 1-	400 V 3-	[HP]	[KW]	uF	VAC	230 V 1-	400 V 3-	l/min 0	5	20	40	50	60
											m³/h 0	0.3	1.2	2.4	3.0	3.6	4.2
											H = water column total pressure head \ [m]						
ADJ 60		0.65	0.65	½	0.37	8	450	2.8	1.3	40	34.0	25.0	16.5	12.8			
ADJ 80		0.9	0.9	¾	0.56	15	450	4.0	1.8	45	40.3	31.3	22.5	18.4			
ADJ 100*		1.2	1.2	1	0.75	15	450	5.4	2.0	48	43.5	36.6	28.8	25.2	22	15.0	

Dimensions



Pressur booster kit and Tank



Model	ELECTRIC PUMP										DNA	DNM	Weight [kg]	PACKAGING	
	Dimensions [mm]													Dimensions [mm]	Weight [kg]
	L1	L2	L3	L4	W1	W2	W3	H1	H2	H3					
ADJ 60	209	352	50	39	174	100	9	90	130	190	G1 - 1¼"	G 1"	10.5	385 x 195 x 215	11
ADJ 80	223	366	40	35	205	138	10	110.5	163.5	217			11.5	385 x 195 x 215	12
ADJ100*	233	357	40	35	205	138	10	110.5	163.5	217			17	390 x 220 x 260	17.5

*Three-phase model is available only for Extra EU market

ADJ 150 - 200

Self-priming centrifugal pump

Self-priming electric pump for pumping clean, fresh water.

Applications

- Irrigation
- Residential systems
- Water supply
- Water transfer under pressure
- Can be coupled to pressure tanks

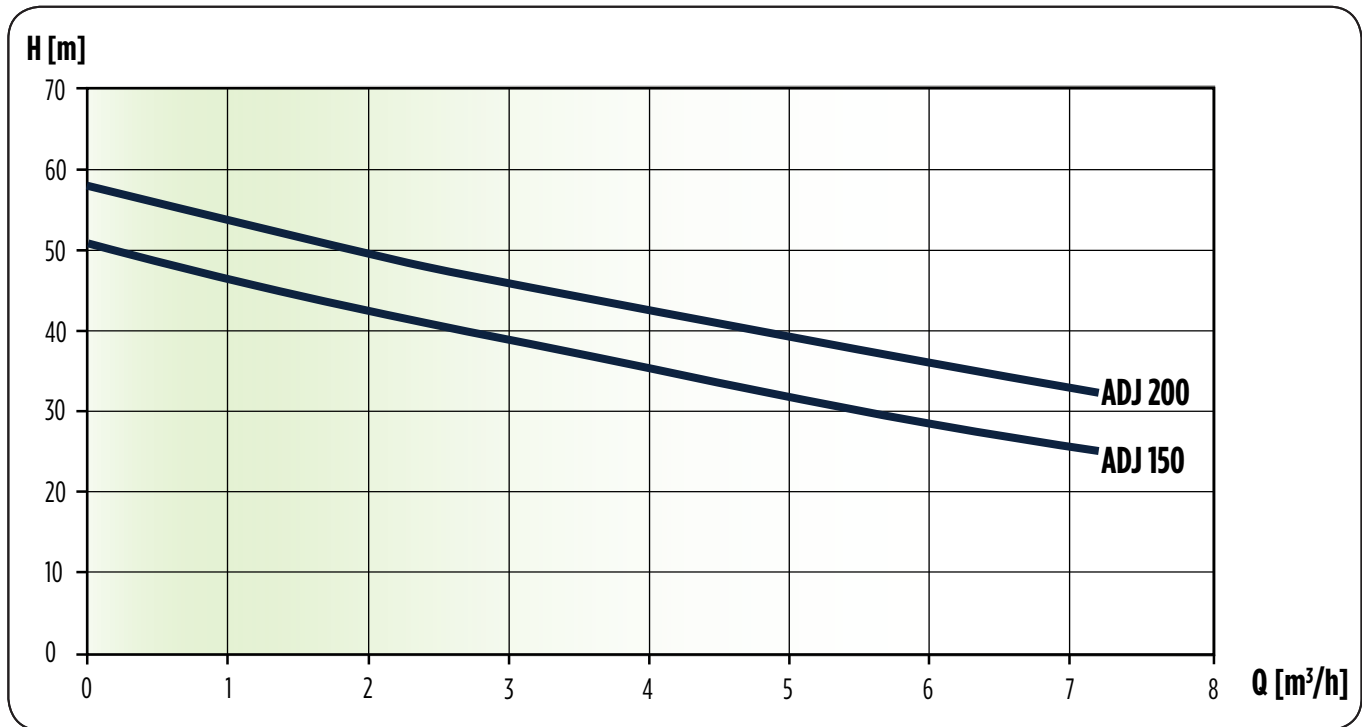
Construction features

- Pump body: Cast iron
- Motor support: Cast iron
- Impeller and diffuser: Noryl® *
- Mechanical seal: Ceramic/Graphite
- Motor shaft: Stainless Steel AISI 416
- Insulation class: F
- Degree of protection: IP 44
- Maximum liquid temperature: 50 °C
- Maximum suction depth: 9 m
- Maximum impurity size: 3 mm



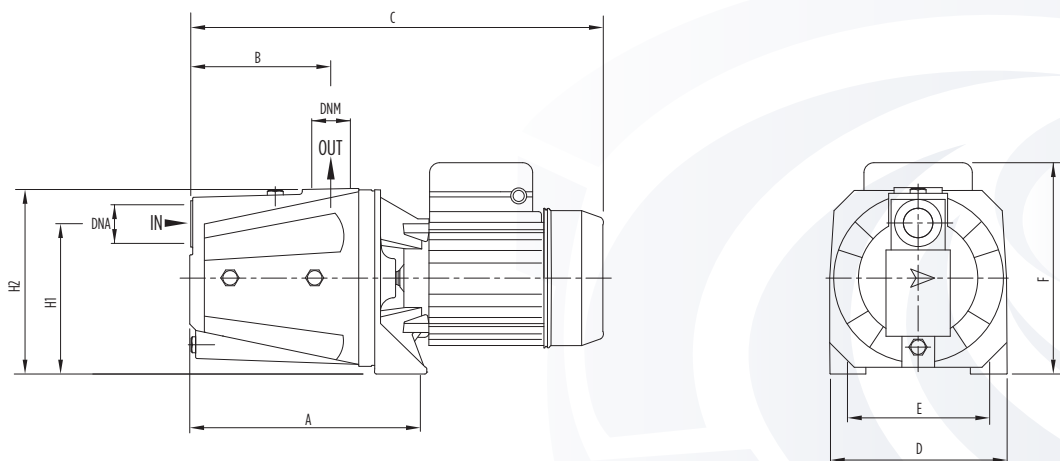
*Noryl® is a Registered Trademark of G.E.

Performance Curve and Technical Data



Model	P1 [KW]	P2		Capacitor (1-)		Power consumption 230 V 1~	Q = flow						
		[HP]	[KW]	uF	VAC		l/min m³/h 0	20	40	60	80	100	120
230 V 1~	230 V 1~						H = water column total pressure head \ [m]						
ADJ 150	1.9	1.5	1.1	31.5	450	8.2	50.7	45.7	41	36.8	32.5	28.5	25
ADJ 200	2.2	2	1.5	35	450	9.8	58.1	52.8	48	44	40	36	32.4

Dimensions



Model	ELECTRIC PUMP										PACKAGING			
	Dimensions [mm]									DNA	DNM	Weight [kg]	Dimensions [mm]	Weight [kg]
	A	B	C	D	E	F	G	H1	H2					
ADJ 150	269.6	167	506	203	165	220	231.5	175	220	G 1½"	G 1¼"	23.5	520 x 240 x 250	24.5
ADJ 200												24.5		25.5