



SPR Series

The Davies Pumps SPR Series are rugged cast iron semi-trash pumps with self-priming ability, 3" ports and open impeller for high flow rates and pressures with dirty water. They are designed to couple directly to a metric electric motor with standard shaft for reliability and simple servicing. With self-priming up to 6m, max pressures of up to 64m and max flow of 1200 Lpm, the SPR series are versatile and suitable for a wide range of applications such as underpass drainage, effluent transferring and tank filling from rivers or ponds.

Pump Features

- Cast Iron Casing and Impeller
- Cast Iron wear plate
- Non return clacker valve
- Large inspection hatch for servicing
- B5 Flange motor mount
- Max water temp 70 degrees

DAVIES SPR SERIES SEMI OPEN IMPELLER

Part No.	HP	Kw	Ph	Volts
220-SPR80-0550	5.5	4	3	400
220-SPR80-1000	10	7.5	3	400
220-SPR80-1500	15	11	3	400
220-SPR80-2000	20	15	3	400

WATER TRANSFER



INDUSTRIAL



EFFLUENT



TECHNICAL DATA

Applications

- Irrigation
- Tank Filling
- Transfer
- Sump emptying
- Drainage
- Wash-down areas

Technical Details

- Self-Priming up to 6M
- Maximum temperature: +70°C

FREE PASSAGE CLEARANCE	
Model	Clearance
SPR80-0550	6mm
SPR80-1000	13mm
SPR80-1500	16mm
SPR80-2000	13mm

Optional Upgrades

- Abrasion resistant ceramic internal coating
- Silicon Carbide hard face seals
- Viton or EPDM elastomers (chemical and heat resistant)
- Full 316 Stainless steel or marine bronze for chemicals or sea water.

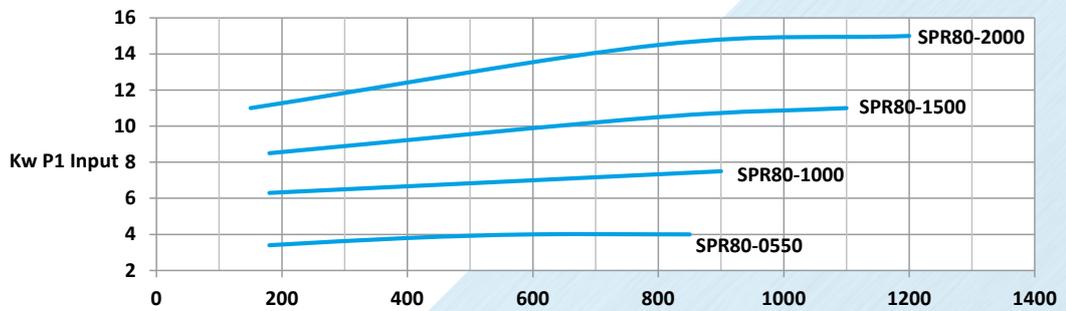
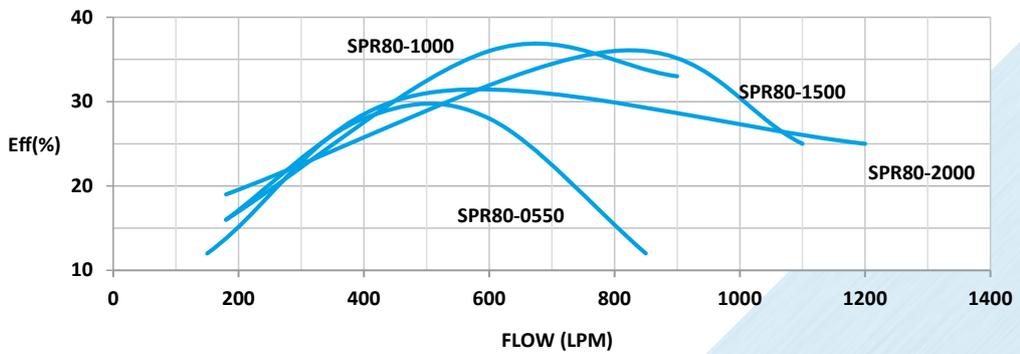
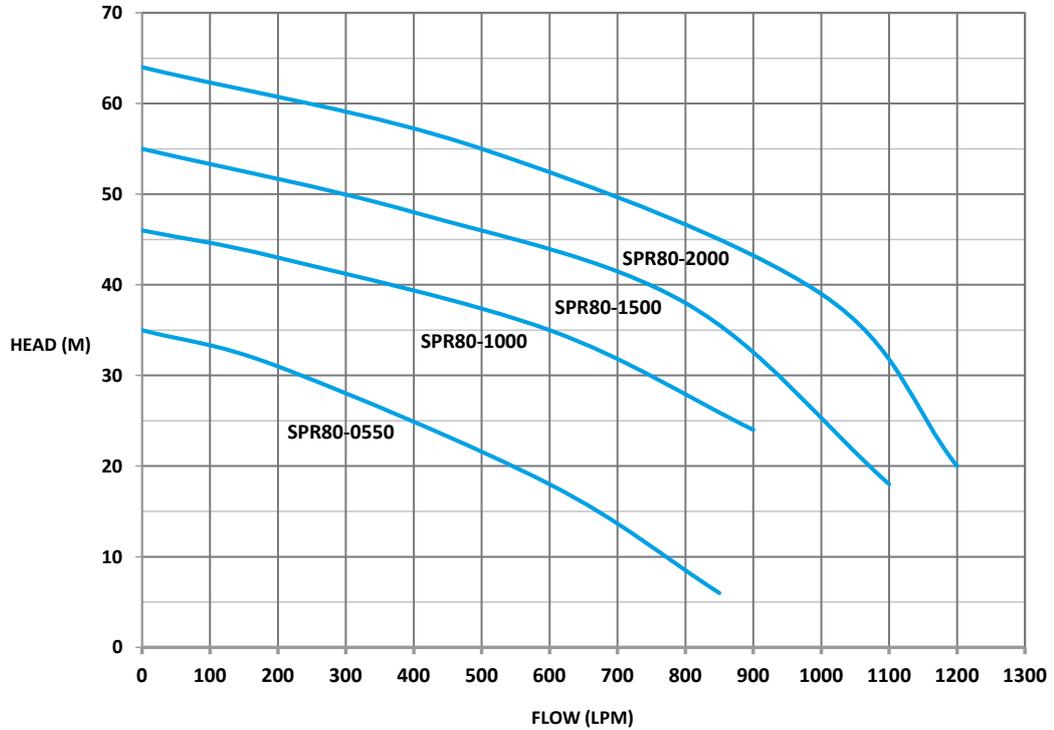
Construction Materials

- Cast Iron Pump body, impeller & wear plate
- 316 Stainless steel shaft
- NBR/Carbon/Alumina shaft seal (hard face option)

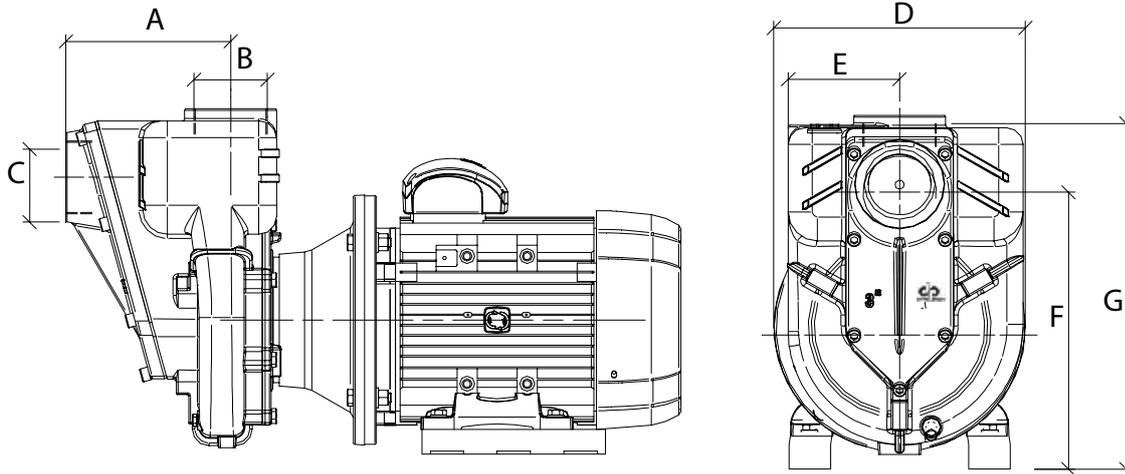
Motor Details

- Fitted with standard Metric frame motor with Foot/Flange mounting(B3/B5)
- 2900 RPM, 50Hz 400Volts Three phase
- IP55 Protection

PERFORMANCE



DIMENSIONS



DIMENSIONS AND SPECIFICATIONS

Model	A	B	C	D	E	F	G
SPR80-0550	198	3"	3"	281	133.5	325	408
SPR80-1000	198	3"	3"	302	133.5	335	417
SPR80-1500	198	3"	3"	302	133.5	335	417
SPR80-2000	185	3"	3"	355	-	385	525

For your nearest dealer please contact Argon Distributors: 0508 634 341