

**Model Numbers:**  
**HS50-05, HS50-06, HS60-06 & HS60-08**

DEPEND ON  
**DAVEY**



## TRANSFER PUMPS

### PRODUCT DESCRIPTION

Robust & compact, 3 or 4 stage centrifugal pumps with corrosion resistant componentry and driven by a TEFC motor. Designed for total head duties to 50 m and flows to 110lpm

### APPLICATIONS

Ideal for pumping clean, non-volatile liquids without fibres or solids in such applications as:-

- Household supply
- Irrigation
- Water transfer
- Washing systems
- Pressure Boosting

### DESIGN FEATURES

#### PUMP

3 or 4 stage (impeller) design  
 Unique floating impeller neckrings  
 Closed vane impellers - "half blind" design  
 Stainless steel pump shaft  
 304 stainless steel casing  
 Inbuilt & removable inlet check valve  
 Mechanical shaft seal  
 Oring casing seal

#### MOTOR

Davey manufactured  
 TEFC with IP55 enclosure  
 Class F insulation  
 Permanently split capacitor design  
 Double contact C3-HTG sealed bearings  
 Inbuilt thermal overload protection  
 Plastic feet on motor shell  
 Heavy duty cast aluminium lantern bracket & drive end endshield  
 "Plug & Play" power lead

### OPERATING LIMITS

Max. casing pressure	1000kPa	Max. Ambient Temp.	50°C
Capacities to	110 lpm	Max. Water Temp.	50°C
Max. Total Head	50 m	Min. Water Temp.	1°C
Max. Suction Head	6 m		

### BENEFITS

- Unique floating neckrings provide outstanding efficiency without compromising grit handling
- "Half blind" impellers maximise performance and help improve waterway clearances to reduce impeller blockages
- Manufactured from quality corrosion resistant materials
- TEFC motor corrosion resistant and protected against entry of dust and dirt
- Motor and pump designed for frequent starts
- Quick and easy installation
- Low maintenance
- Easy to service if required
- Low pressure loss through removable inbuilt check valve
- "Plug & Play" power lead allows easy system upgrade to a automatic water pressure system

