

DAVEY

# SumpPumps

Model Number:
SR50, SR80, SR100

WARRANTY
1 YEAR

## APPLICATIONS

Suits Davey sump pump 0.75kW and above in the series: Single channel sewage (S), Single channel cutter (K), Grinder (G), Vortex (V)

## SLIDE RAIL KITS - EASY PUMP INSTALLATION EQUIPMENT

## FEATURES & BENEFITS

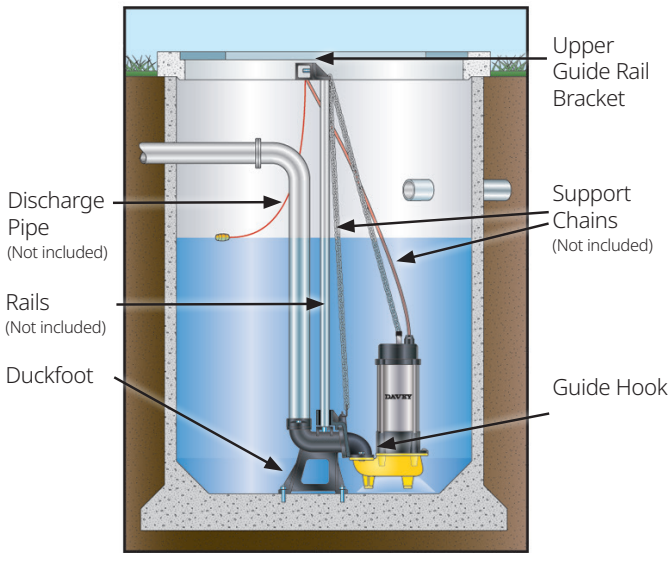
- Slide rail kits come complete with all required fasteners and rubber seals, simply add rail pipes, lifting hardware (rope, cable or chain) and mounting fasteners (e.g.: Dynabolts, etc) to complete the installation.
- Automatic alignment of the pump discharge to the guide rail foot means easy installation and removal.
- Lifting points on rail guide and pump ensure that alignment of the connection and lifting / lowering is able to be completed accurately and easily.

### SUITABLE FLUIDS

- Clean, "grey water" or "black water" of neutral pH.
- Some wear should be expected while pumping hard solids in suspension.

### INSTALLATION NOTE

In order for the guide hook to engage correctly with duckfoot when the pump is installed the rails must be vertical, parallel and square with the duckfoot mounting. The upper guide rail bracket at the top of the rails must therefore be installed in such a way to ensure the rails and duckfoot are correctly aligned.



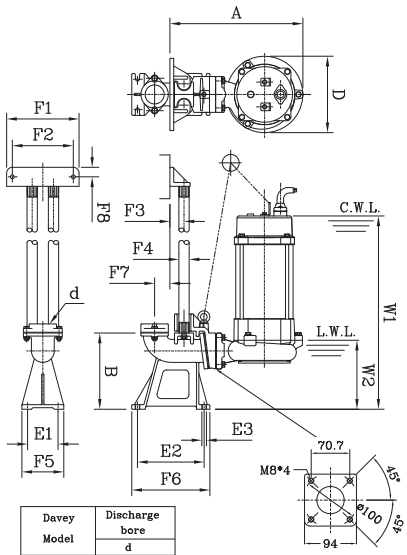
# Slide Rail Kits

DAVEY

| DIMENSIONS (mm) | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pump Type | Discharge Bore | Rail Kit Model | Foundation | | | Guide Rail Fitting Section | | | | | | | | | | | | Operating Water Level | |
| | | | E1 | E2 | E3 | A | B | D | H | F1 | F2 | F3 | F4* | F5 | F6 | F7 | F8 | W1 | W2 |
| D75 S/K | 2"(50) | SR50 | 80 | 175 | 10 | 338 | 200 | 175 | 660 | 190 | 160 | 38 | 25 | 110 | 205 | 40 | 25 | 500 | 185 |
| D150 S/K | 3"(80) | SR80 | 170 | 100 | 18 | 322 | 165 | 198 | 680 | 225 | 170 | 50 | 32 | 220 | 185 | 43 | 20 | 515 | 200 |
| DT08 S/K | 2"(50) | SR50 | 80 | 175 | 10 | 338 | 200 | 175 | 600 | 190 | 160 | 38 | 25 | 110 | 205 | 40 | 25 | 440 | 185 |
| DT15 S/K | 3"(80) | SR80 | 170 | 100 | 18 | 322 | 165 | 198 | 630 | 225 | 170 | 50 | 32 | 220 | 185 | 43 | 20 | 465 | 215 |
| DT22 S/K | 3"(80) | SR80 | 170 | 100 | 18 | 357 | 165 | 218 | 695 | 225 | 170 | 50 | 32 | 220 | 185 | 43 | 20 | 530 | 315 |
| DT37 S/K | 3"(80) | SR80 | 170 | 100 | 18 | 493 | 165 | 223 | 775 | 225 | 170 | 60 | 40 | 220 | 185 | 43 | 20 | 605 | 255 |
| DT55 S/K | 4"(100) | SR100 | 200 | 150 | 19 | 442 | 180 | 265 | 825 | 240 | 200 | 60 | 40 | 250 | 225 | 73 | 18 | 660 | 280 |
| DT75 S/K | 4"(100) | SR100 | 200 | 150 | 19 | 442 | 180 | 265 | 935 | 240 | 200 | 60 | 40 | 250 | 225 | 73 | 18 | 713 | 320 |
| D120G | 2"(50) | SR50 | 80 | 175 | 10 | 330 | 200 | 170 | 675 | 190 | 150 | 38 | 25 | 110 | 205 | 36 | 25 | 510 | 180 |
| D150G | 2"(50) | SR50 | 80 | 175 | 10 | 330 | 200 | 170 | 735 | 190 | 150 | 38 | 25 | 110 | 205 | 36 | 25 | 570 | 195 |
| DT12G | 2"(50) | SR50 | 80 | 175 | 10 | 330 | 200 | 170 | 615 | 190 | 150 | 38 | 25 | 110 | 205 | 36 | 25 | 450 | 180 |
| DT15G | 2"(50) | SR50 | 80 | 175 | 10 | 330 | 200 | 170 | 655 | 190 | 150 | 38 | 25 | 110 | 205 | 36 | 25 | 490 | 195 |
| DT22G | 2"(50) | SR50 | 80 | 175 | 10 | 385 | 200 | 235 | 700 | 190 | 150 | 38 | 25 | 110 | 205 | 36 | 25 | 535 | 195 |
| DT37G | 2"(50) | SR50 | 80 | 175 | 10 | 385 | 200 | 235 | 715 | 190 | 150 | 38 | 25 | 110 | 205 | 36 | 25 | 550 | 195 |

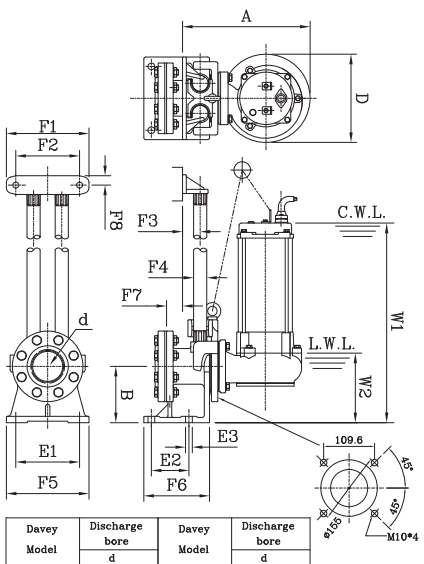
* Nominal Pipe Size in DN

**SR50**



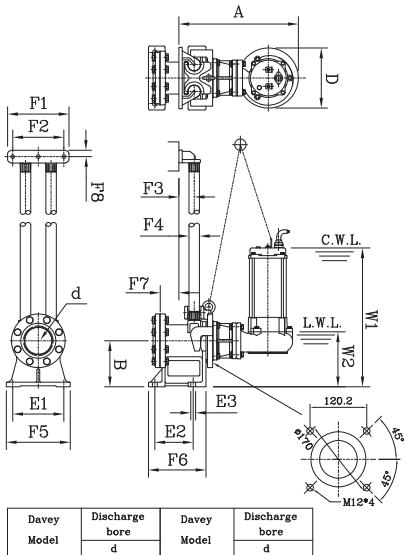

| Davey Model | Discharge bore d |
|---|---|
| DT08S | 2"(50) |
| DT08K | 2"(50) |
| DT12G | 2"(50) |
| DT15G | 2"(50) |
| DT22G | 2"(50) |
| DT37G | 2"(50) |

**SR80**




| Davey Model | Discharge bore d | Davey Model | Discharge bore d |
|---|---|---|---|
| DT15S | 3"(80) | DT08V | 3"(80) |
| DT22S | 3"(80) | DT15V | 3"(80) |
| DT37S | 3"(80) | DT22V | 3"(80) |
| DT15K | 3"(80) | DT37V | 3"(80) |
| DT22K | 3"(80) | | |
| DT37K | 3"(80) | | |

**SR100**




| Davey Model | Discharge bore d | Davey Model | Discharge bore d |
|---|---|---|---|
| DT55 | 4"(100) | DT55V | 4"(100) |
| DT75 | 4"(100) | DT75V | 4"(100) |
| DT55S | 4"(100) | | |
| DT75S | 4"(100) | | |
| DT55K | 4"(100) | | |
| DT75K | 4"(100) | | |

## INSTALLATION AND PRIMING

Use a rope, cable or chain to position and retrieve the pump. Do not lower or retrieve the pump using the power lead as this may damage the cable entry seals, causing water leaks and unsafe operation.

Don't use this product for recirculating or filtering swimming pools, spas, etc. While these pumps are built to high safety standards, they are not approved for installations where people will be in the water while they are operating.

Don't pump abrasive materials. Sand and grit in the water being pumped will accelerate wear, causing shortened pump life.

Keep your pump clean, particularly in situations where lint, hair or fibrous materials may get bound around the pump shaft.

Regular inspection and cleaning will extend pump life.

Make room for the float switch to operate. Automatic models have a float switch to turn them on when the water level rises and turn them off again when it has been pumped down to the safe operating level of the pump. If the float switch is not free to rise and fall, correct pump operation may not be possible.

Don't run your pump dry. Non-automatic models must be switched off manually or by way of an external float/level switch when the water level is reduced to the top of the pump housing.

H/O & MFG SCORESBY
Certified System Quality ISO 9001
Certified System Environment ISO 14001

**daveywater.com**

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice.
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