



**MADE IN
BRITAIN**[®]

The next-generation ResiSHIELD DH Fire Sprinkler Pump Set

BS 9251:2021 compliant





A compact, pre-assembled set designed for the single dwelling domestic market.

PRODUCT OVERVIEW

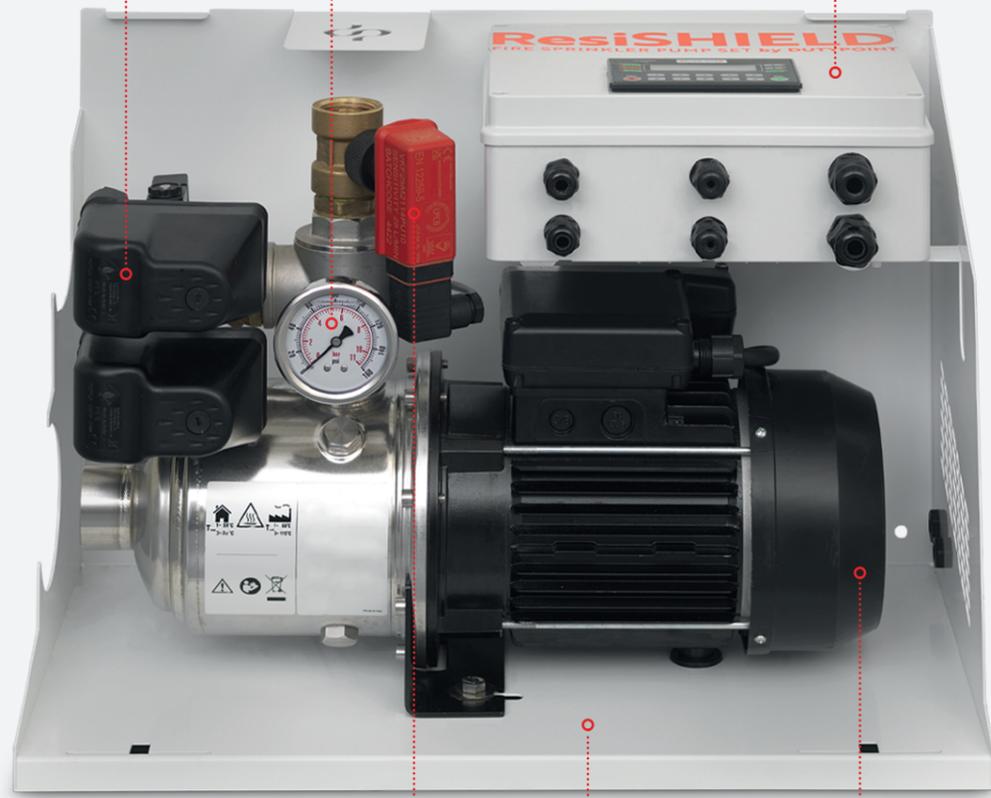
- Domestic (Cat 1) application
- Housed within an ultra-compact, aesthetically pleasing powder-coated mild steel enclosure, providing ultimate protection from accidental damage
- Wall mountable
- Common models are available from stock
- BS 9251:2021 compliant

Key Features

AUTOMATIC TEST LOOP
FITTED WITH Y STRAINER
AND SOLENOID VALVE

PRESSURE GAUGE
FITTED WITH
ISOLATION VALVE

ELECTRONIC FIRE PUMP
CONTROLLER DESIGNED
IN ACCORDANCE WITH
BS 9251:2021



LPCB-APPROVED
FLOW SWITCH

WALL
MOUNTABLE

HIGH-EFFICIENCY
MULTISTAGE PUMP



REMOVABLE
ENCLOSURE

Specification

Compact, fully pre-assembled fire pump sets designed for domestic applications.

PRODUCT OVERVIEW

- Housed within an ultra-compact, aesthetically pleasing powder-coated mild steel enclosure, providing ultimate protection from accidental damage
- Removable front cover for easy maintenance access
- Wall mountable
- Fully compliant with BS9251:2021
- Includes 2no pressure switches, 1no LPCB-approved flow switch, 1no auto test solenoid all pre-fitted and pre-tested
- Volt-free contacts included for fire alarm and range of faults
- Intuitive LCD controller with full number keypad makes set up and commissioning quick and user friendly
- Can be connected directly to the mains water supply*
- Common models are available from stock
- Comes pre-fitted with 1.5 m FP200 power supply cable

*Permission should be obtained from the local water authority before installing any pump system directly to the mains that is designed to operate at any higher than 12 l/min. Where connecting a ResiSHIELD pump set directly to the mains, the pump set should be selected such that its maximum head is at least 1 bar higher than the available mains pressure, and the pressure switches should both be set higher than the mains pressure in order for the weekly self-test functionality to perform correctly in accordance with BS 9251:2021.

OPTIONAL EXTRAS

- Integrated battery-powered audible alarm (coming soon)
- Pre-wired multicore signal cable for common fault and fire signals
- Right-hand inlet version (coming soon)

RANGE PERFORMANCE

Flow range	30 - 200 l/min
Pressure range	1 - 5 bar
Max system pressure	10 bar
Starting type	DOL

MATERIAL SPECIFICATION

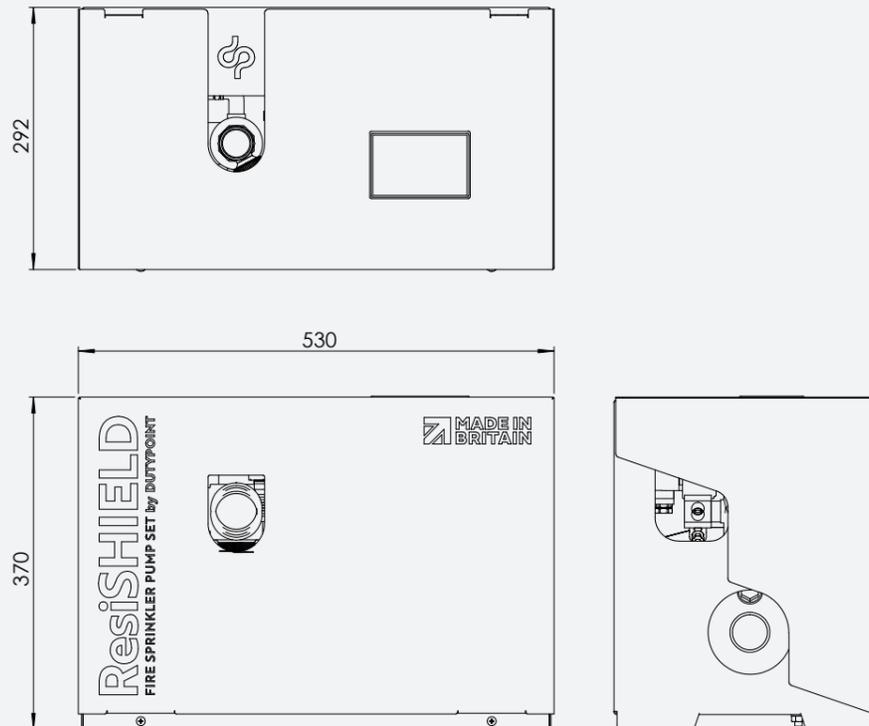
Manifold	Duplex stainless steel
Union	Brass
Non-return valve	Brass
Pump casing	AISI 304 stainless steel
Pump impellers	AISI 304 stainless steel
Base plate/enclosure	Powder-coated mild steel

DH03/05/10

DRAWINGS AND DIMENSIONS

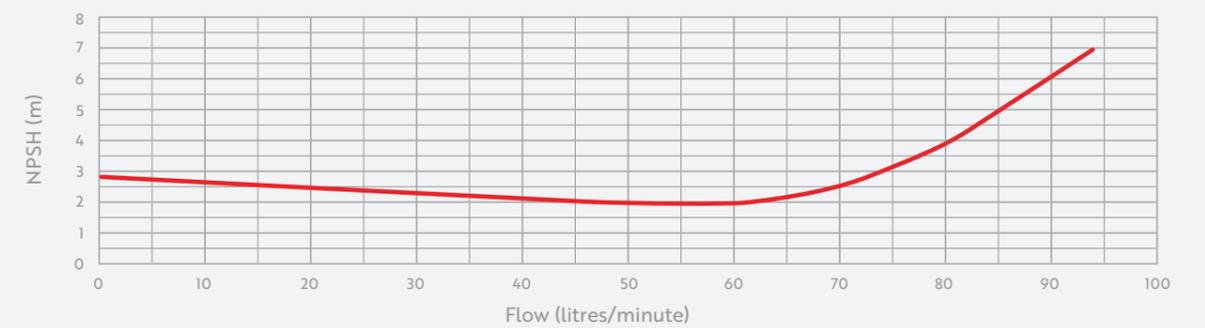
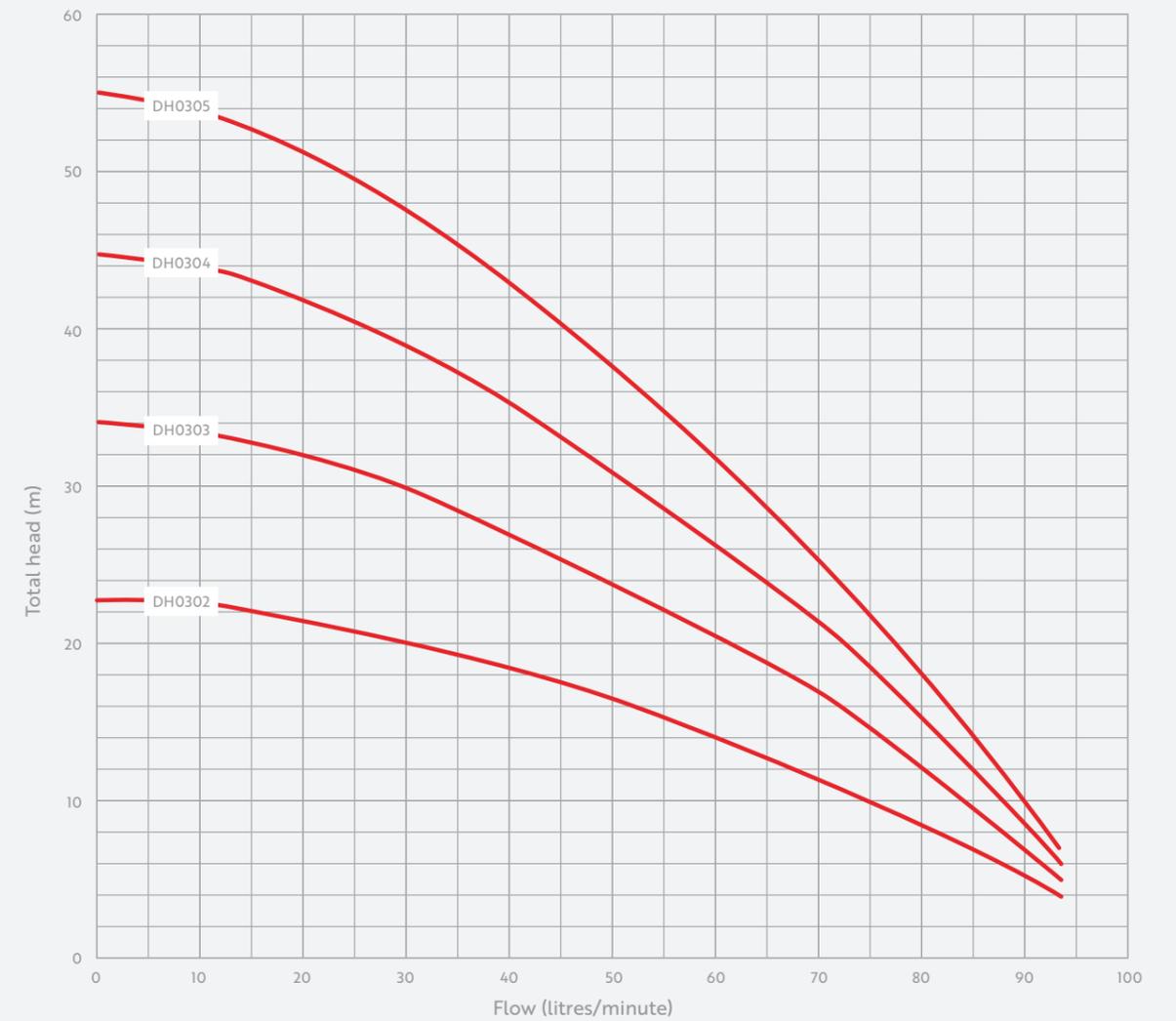
Model no.	Motor nominal power (kW)	Supply voltage	FLC (A)	Starting current (A)	Suction size	Discharge size	Total weight (kg)
DH0302-EL	0.37	230/1/50	2.5	18	1 ¼" BSP	1" BSP	25
DH0303-EL	0.55	230/1/50	3	18	1 ¼" BSP	1" BSP	25
DH0304-EL	0.55	230/1/50	3.7	18	1 ¼" BSP	1" BSP	25
DH0305-EL	0.75	230/1/50	4.3	18	1 ¼" BSP	1" BSP	26
DH0502-EL	0.55	230/1/50	3.6	18	1 ¼" BSP	1" BSP	25
DH0503-EL	0.55	230/1/50	3.6	18	1 ¼" BSP	1" BSP	25
DH0504-EL	1.1	230/1/50	6.3	25	1 ¼" BSP	1" BSP	28
DH0505-EL	1.1	230/1/50	6.3	25	1 ¼" BSP	1" BSP	29
DH1002-EL	0.75	230/1/50	4.6	18	1 ½" BSP	1" BSP	25
DH1003-EL	1.1	230/1/50	6.3	25	1 ½" BSP	1" BSP	28
DH1004-EL	1.5	230/1/50	8.4	40	1 ½" BSP	1" BSP	30

All DH models use Direct On Line type starting.



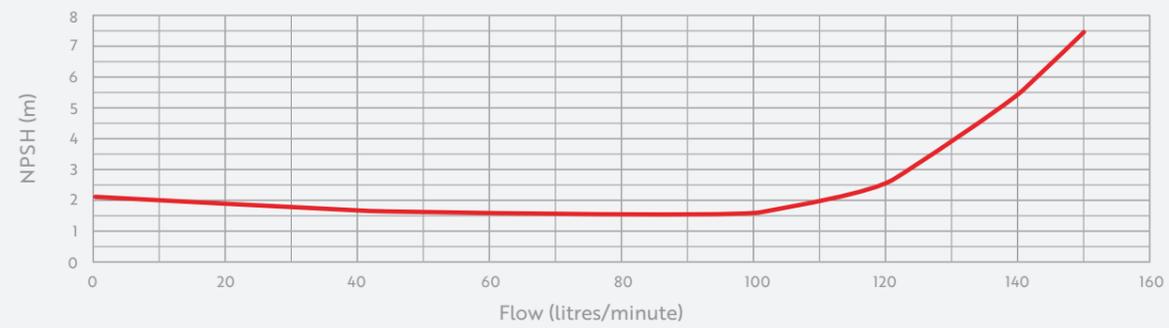
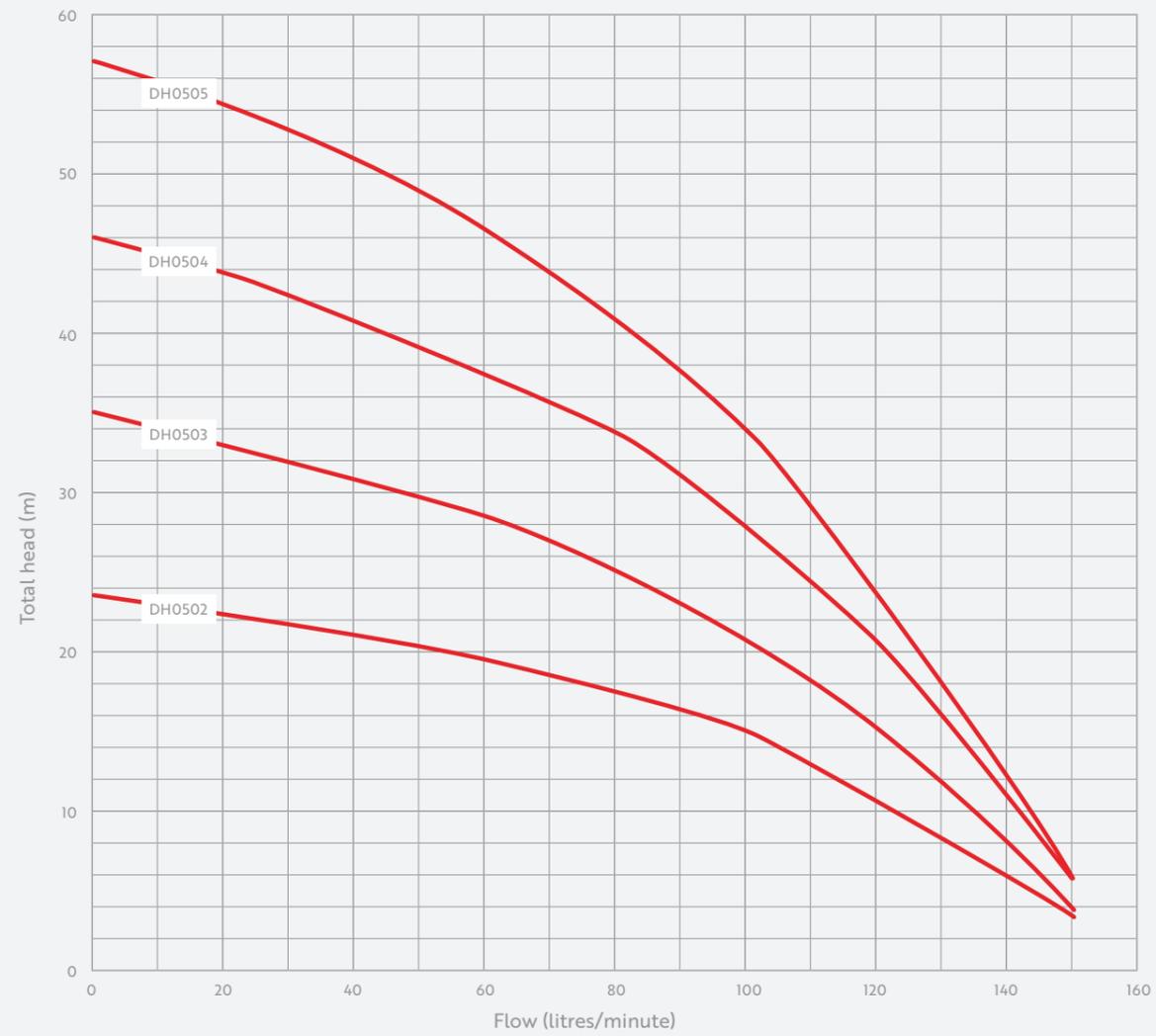
DH03 Series

SINGLE PUMP CURVES



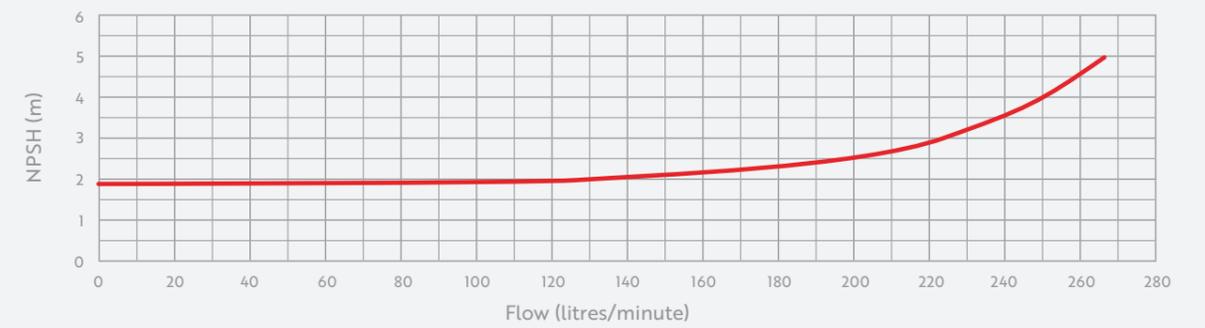
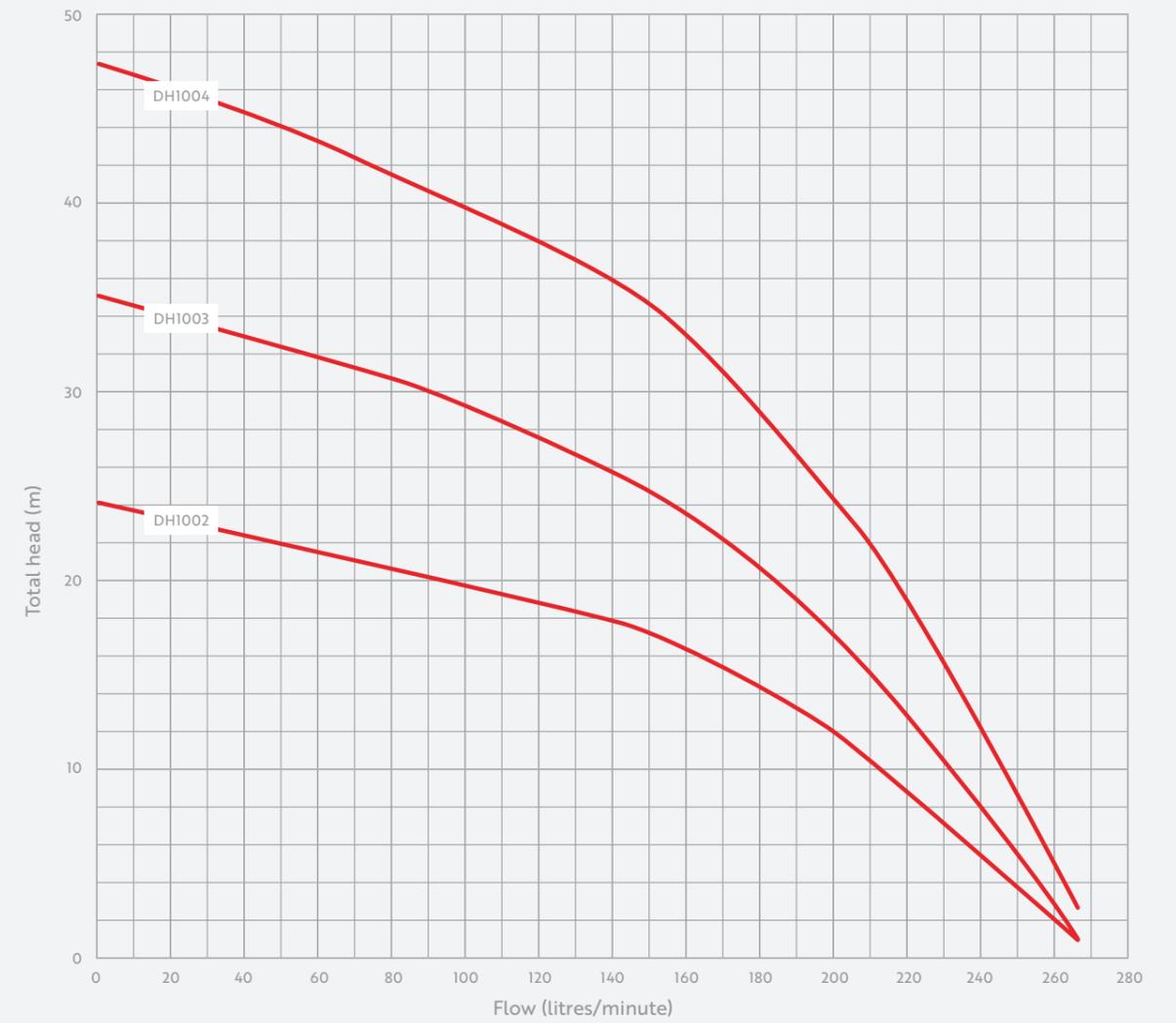
DH05 Series

SINGLE PUMP CURVES



DH10 Series

SINGLE PUMP CURVES





Let's talk about ResiSHIELD DH

01452 300110

ENQUIRIES@DUTYPOINT.COM

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