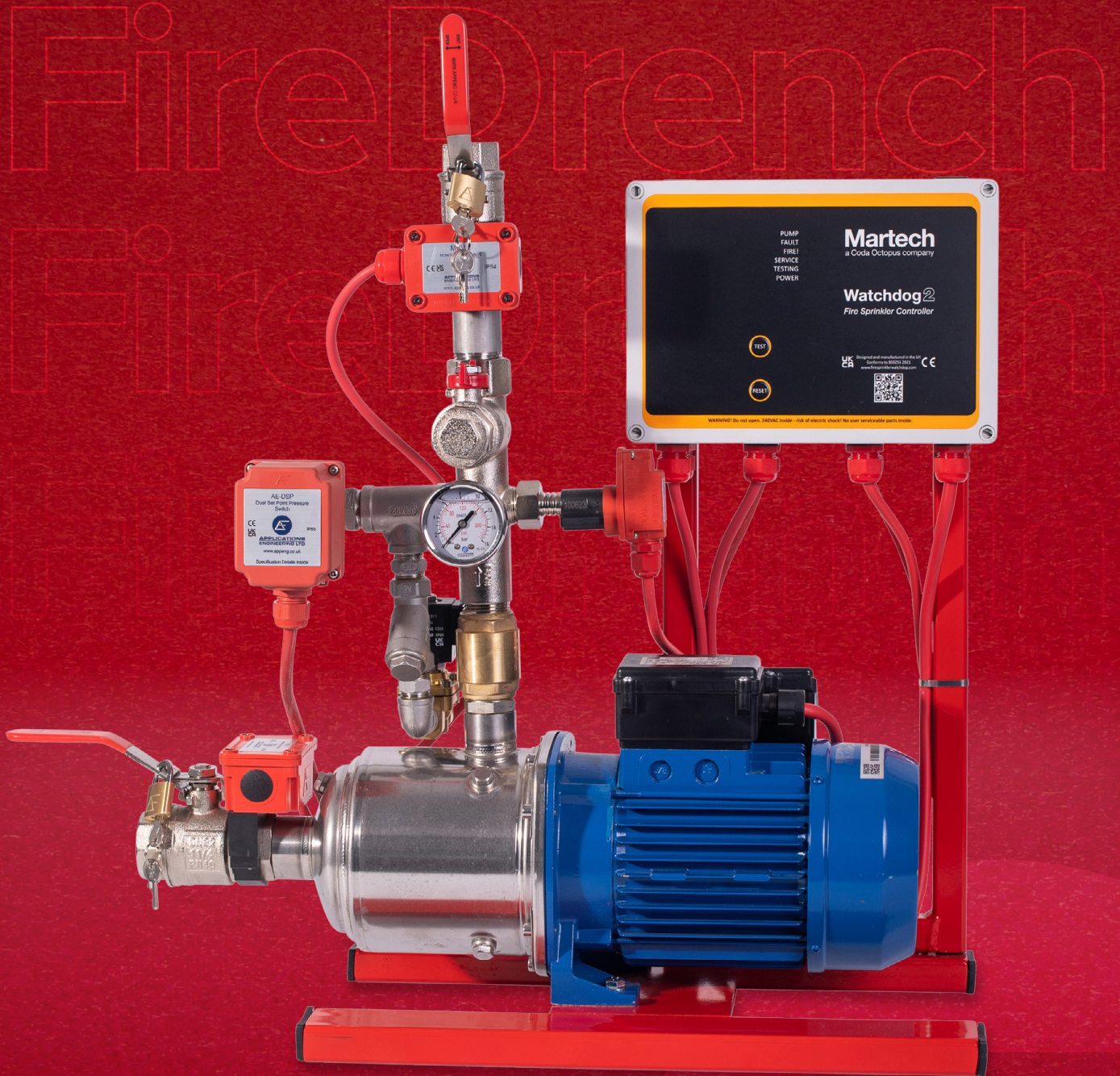


FireDrench



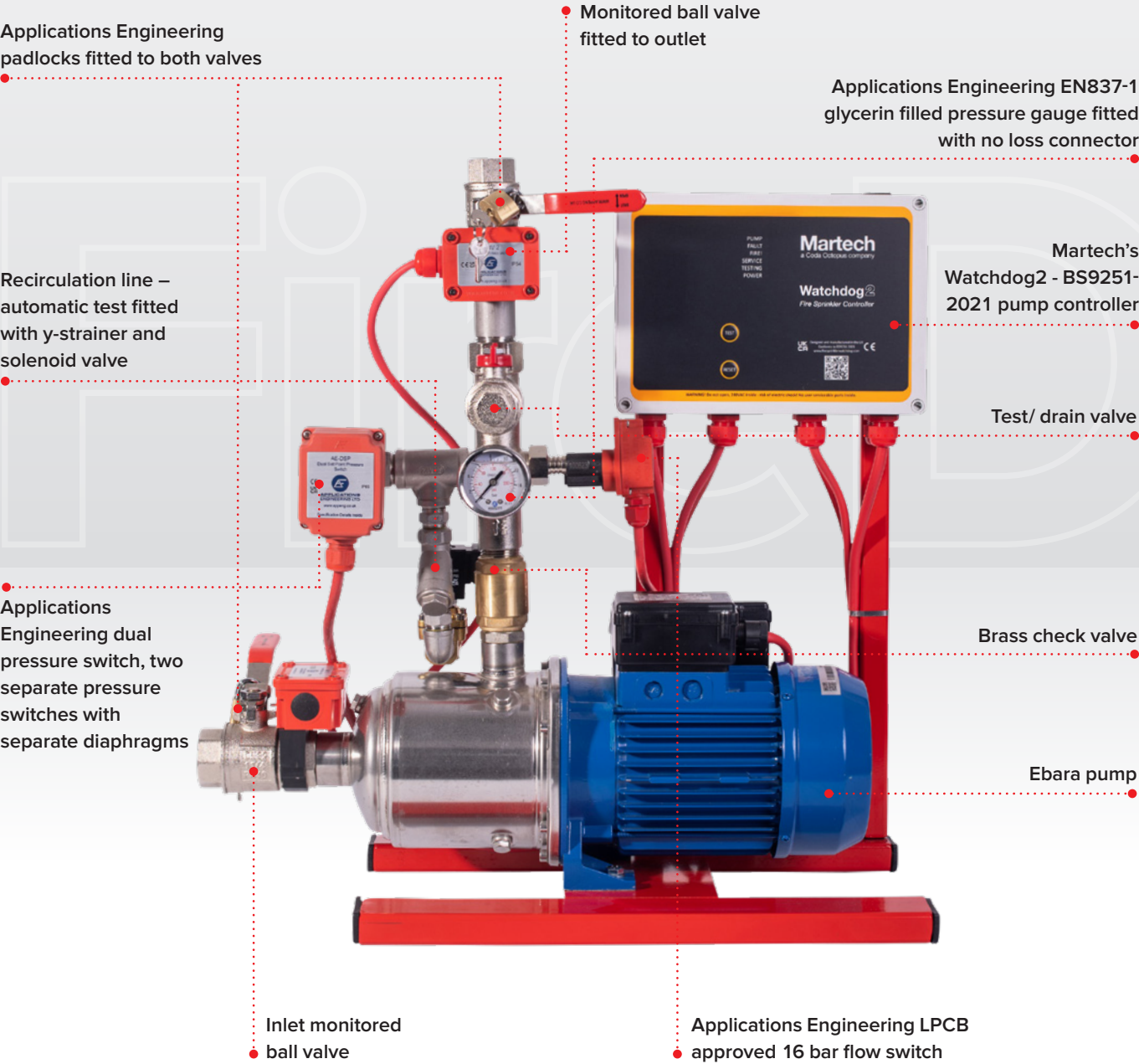
FireDrench

FIRE SPRINKLER PUMP SET

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APPLICATIONS
ENGINEERING LTD

FireDrench Horizontal Range



PRODUCT OVERVIEW

- Fully compliant to BS9251-2021
- Applications Engineering pump sets come fully assembled with no extra parts required
- Plug and play unit, no excess wiring required
- Ball valve fitted to outlet & suction line, so no need to install extra ball valves like other manufacturers
- Compact Watchdog 2 controller
- Includes dual pressure switch & LPCB approved flow switch
- Fully tested & fitted to skid
- 12 Day lead time with 3 Day Express build available

SPECIFICATION

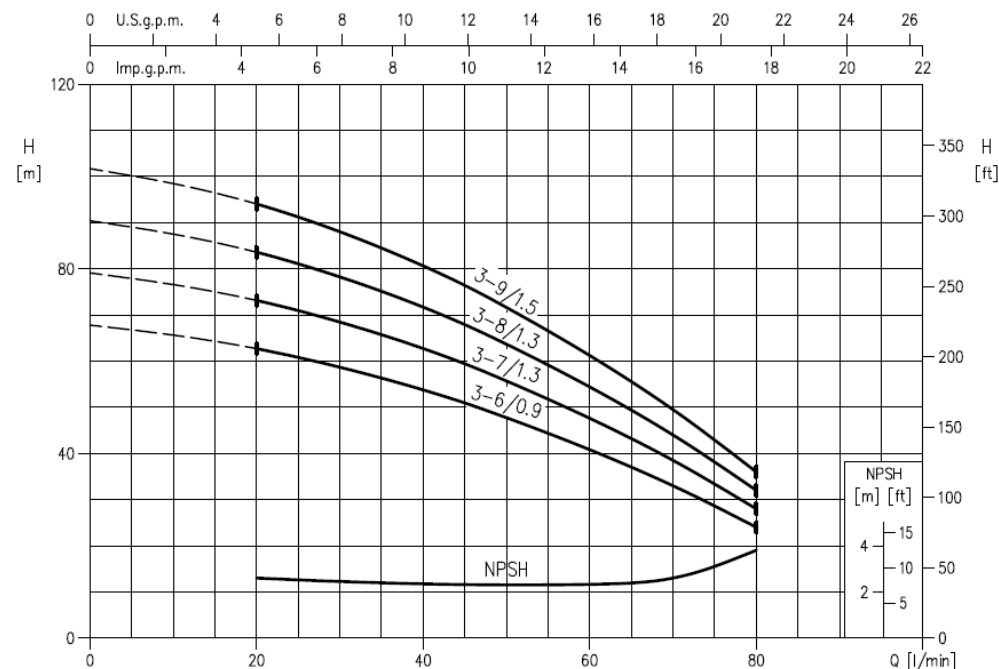
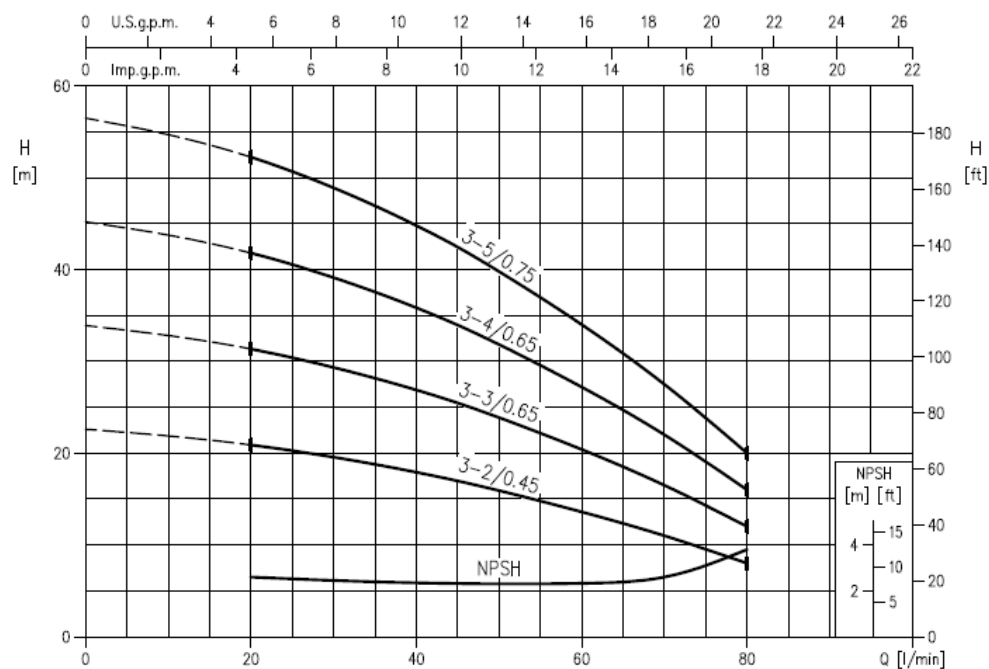
Category	2-4
Cable	FP200
Flow Range	20-450 l/min
Pressure Rating	PN16
Starting Type	DOL

MATERIALS

Manifold	Nickel Plated Brass
Valves	Nickel Plated Brass
Fittings	Stainless Steel
Solenoid Valve	Brass
Flow switch	Brass (pressure retaining parts)
Pump Casing	Stainless Steel
Pump Impellers	Stainless Steel
Base Plate	Powder-coated mild steel

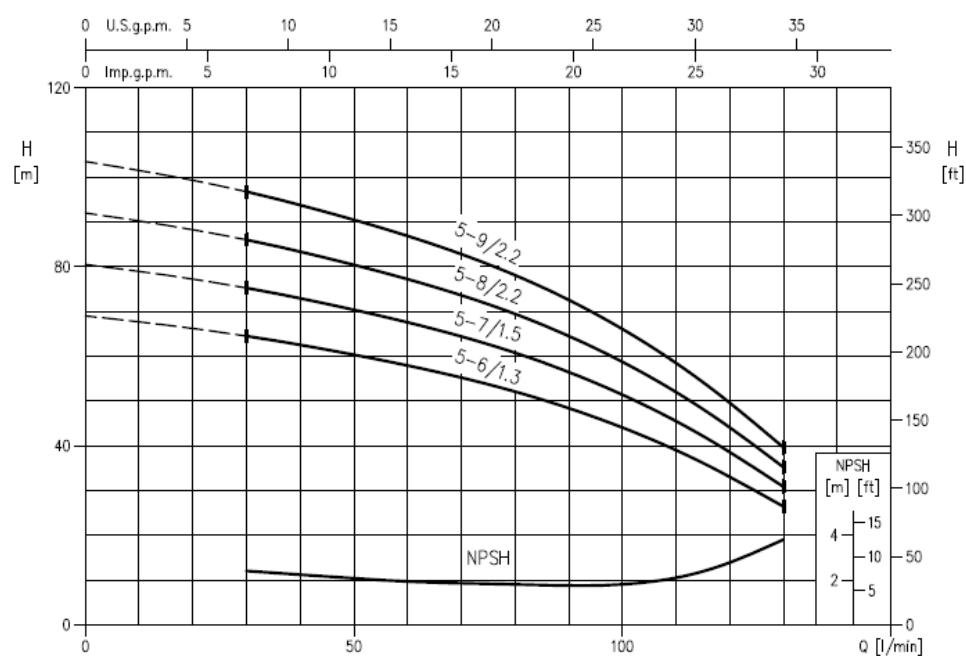
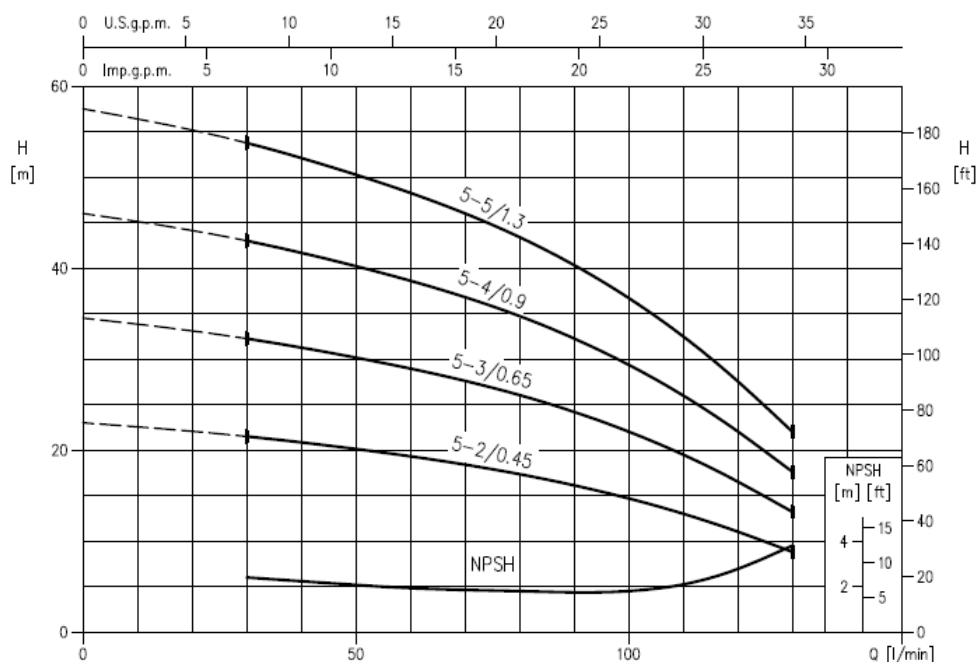
DN25 FD03 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN25PSE3-2-M	0.45	Single Phase	DOL	1" BSP	1" BSP	3.0	13.4
AE-FDDN25PSE3-3-M	0.75	Single Phase	DOL	1" BSP	1" BSP	4.4	24.0
AE-FDDN25PSE3-4-M	0.75	Single Phase	DOL	1" BSP	1" BSP	4.4	24.0
AE-FDDN25PSE3-5-M	0.75	Single Phase	DOL	1" BSP	1" BSP	4.4	24.0
AE-FDDN25PSE3-6-M	0.9	Single Phase	DOL	1" BSP	1" BSP	5.4	31.3
AE-FDDN25PSE3-7-M	1.3	Single Phase	DOL	1" BSP	1" BSP	7.4	51.3
AE-FDDN25PSE3-8-M	1.3	Single Phase	DOL	1" BSP	1" BSP	7.4	51.3
AE-FDDN25PSE3-9-M	1.5	Single Phase	DOL	1" BSP	1" BSP	9.0	65.2



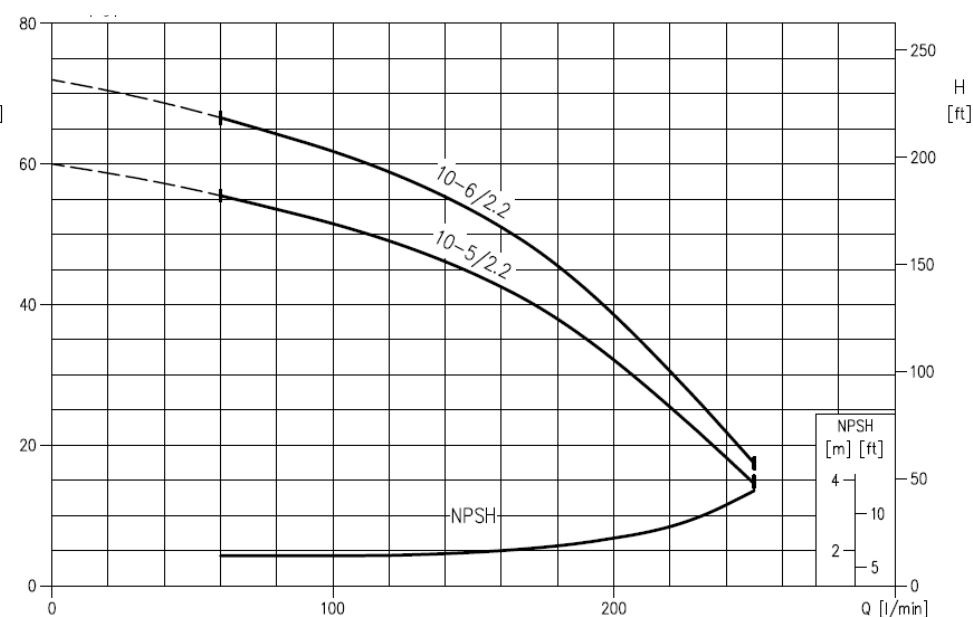
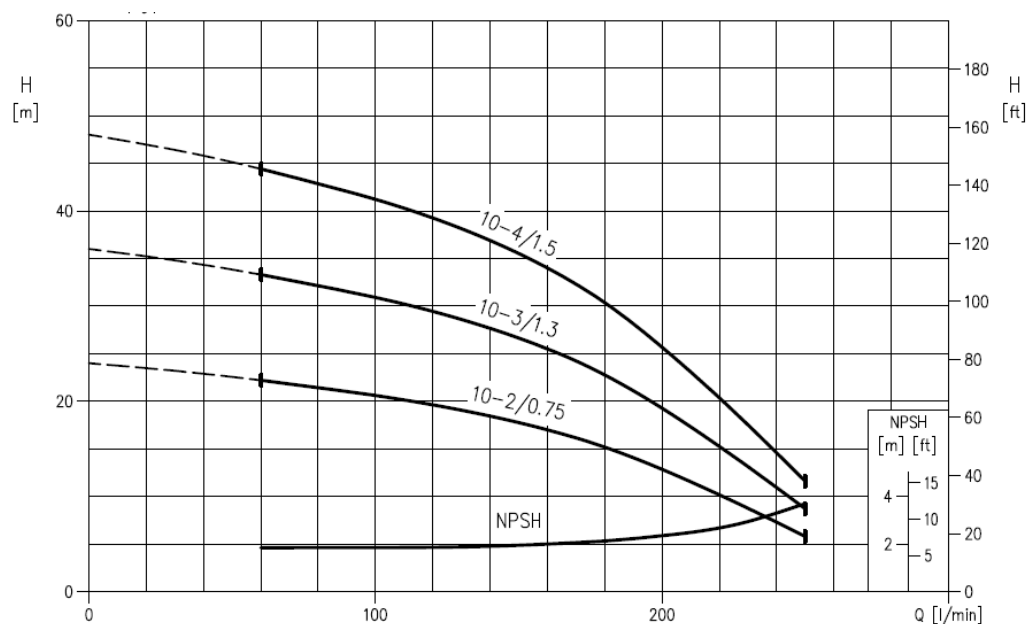
DN25 FD05 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN25PSE5-2-M	0.45	Single Phase	DOL	1 ¼" BSP	1" BSP	3.0	13.4
AE-FDDN25PSE5-3-M	0.75	Single Phase	DOL	1 ¼" BSP	1" BSP	4.4	24.0
AE-FDDN25PSE5-4-M	0.9	Single Phase	DOL	1 ¼" BSP	1" BSP	5.4	31.3
AE-FDDN25PSE5-5-M	1.3	Single Phase	DOL	1 ¼" BSP	1" BSP	7.4	51.3
AE-FDDN25PSE5-6-M	1.3	Single Phase	DOL	1 ¼" BSP	1" BSP	7.4	51.3
AE-FDDN25PSE5-7-M	1.5	Single Phase	DOL	1 ¼" BSP	1" BSP	9.0	65.2
AE-FDDN25PSE5-8-M	2.2	Single Phase	DOL	1 ¼" BSP	1" BSP	12.3	73.0
AE-FDDN25PSE5-9-M	2.2	Single Phase	DOL	1 ¼" BSP	1" BSP	12.3	73.0



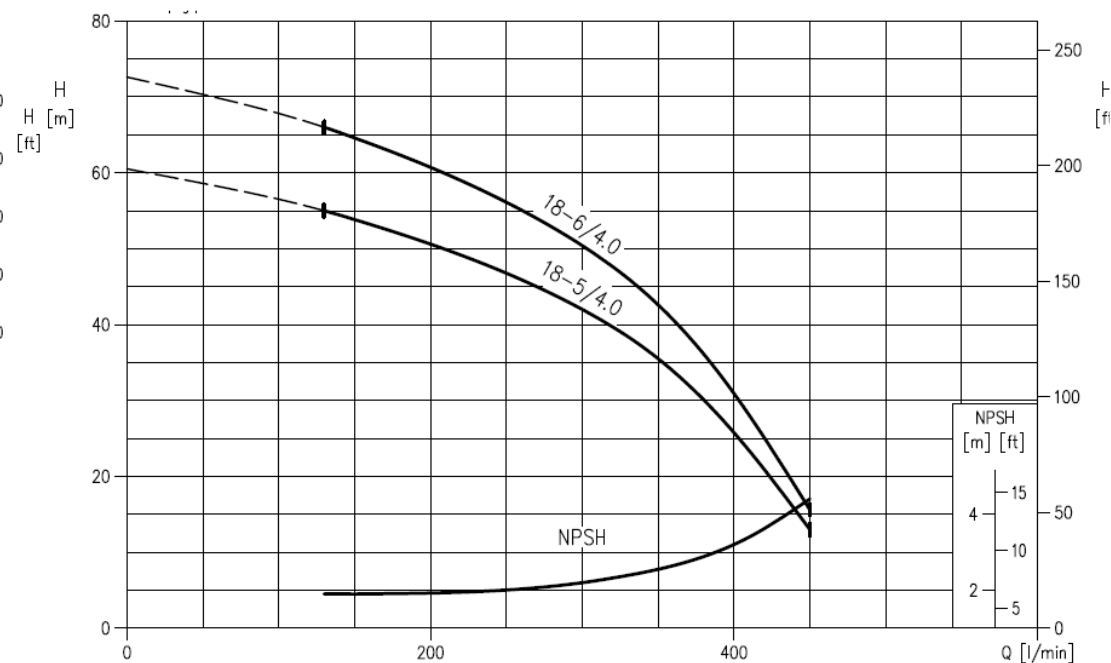
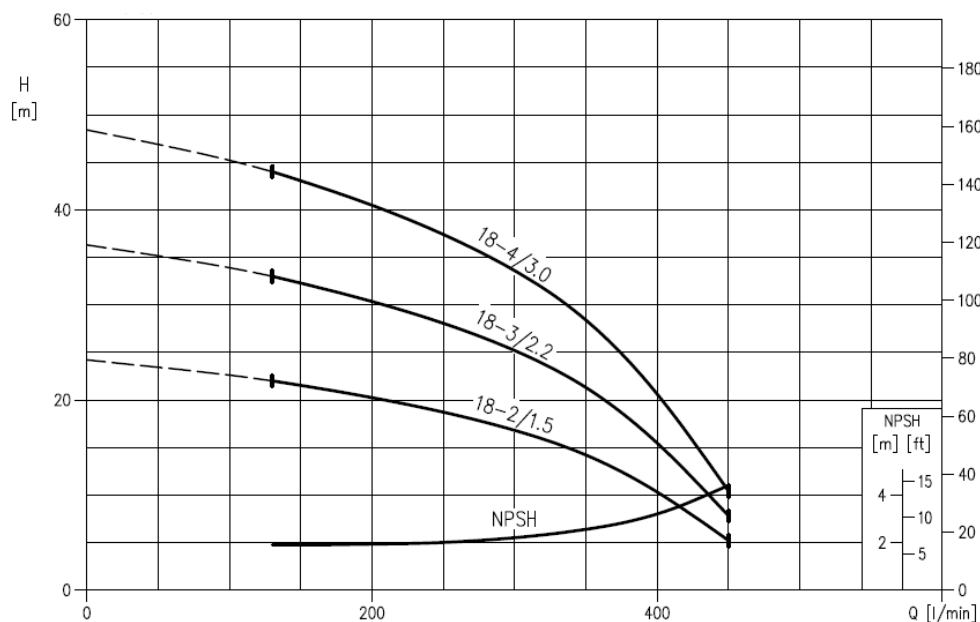
DN32 FD10 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN32PSE10-2-M-H-SP	0.75	Single Phase	DOL	1 ½" BSP	1 ¼" BSP	4.4	24.0
AE-FDDN32PSE10-2-M-H	0.75	Three Phase	Soft Starter	1 ½" BSP	1 ¼" BSP	1.7	11.4
AE-FDDN32PSE10-3-M-H-SP	1.3	Single Phase	DOL	1 ½" BSP	1 ¼" BSP	7.4	51.3
AE-FDDN32PSE10-3-M-H	1.3	Three Phase	Soft Starter	1 ½" BSP	1 ¼" BSP	3.3	27.4
AE-FDDN32PSE10-4-M-H-SP	1.5	Single Phase	DOL	1 ½" BSP	1 ¼" BSP	9.0	65.2
AE-FDDN32PSE10-4-M-H	1.5	Three Phase	Soft Starter	1 ½" BSP	1 ¼" BSP	3.8	38.4
AE-FDDN32PSE10-5-M-H-SP	2.2	Single Phase	DOL	1 ½" BSP	1 ¼" BSP	12.3	73.0
AE-FDDN32PSE10-5-M-H	2.2	Three Phase	Soft Starter	1 ½" BSP	1 ¼" BSP	4.7	38.4
AE-FDDN32PSE10-6-M-H-SP	2.2	Single Phase	DOL	1 ½" BSP	1 ¼" BSP	12.3	73.0
AE-FDDN32PSE10-6-M-H	2.2	Three Phase	Soft Starter	1 ½" BSP	1 ¼" BSP	4.7	38.4



DN40 FD18 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN40PSE18-2-M-H-SP	1.5	Single Phase	DOL	2" BSP	1 ½" BSP	8.9	64.8
AE-FDDN40PSE18-2-M-H	1.5	Three Phase	Soft Starter	2" BSP	1 ½" BSP	3.8	38.4
AE-FDDN40PSE18-3-M-H-SP	2.2	Single Phase	DOL	2" BSP	1 ½" BSP	12.3	73.0
AE-FDDN40PSE18-3-M-H	2.2	Three Phase	Soft Starter	2" BSP	1 ½" BSP	4.7	38.4
AE-FDDN40PSE18-4-M-H	3	Three Phase	Soft Starter	2" BSP	1 ½" BSP	6.4	52.0
AE-FDDN40PSE18-5-M-H	4	Three Phase	Soft Starter	2" BSP	1 ½" BSP	8.7	76.1
AE-FDDN40PSE18-6-M-H	4	Three Phase	Soft Starter	2" BSP	1 ½" BSP	8.7	76.1



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