

FireDrench



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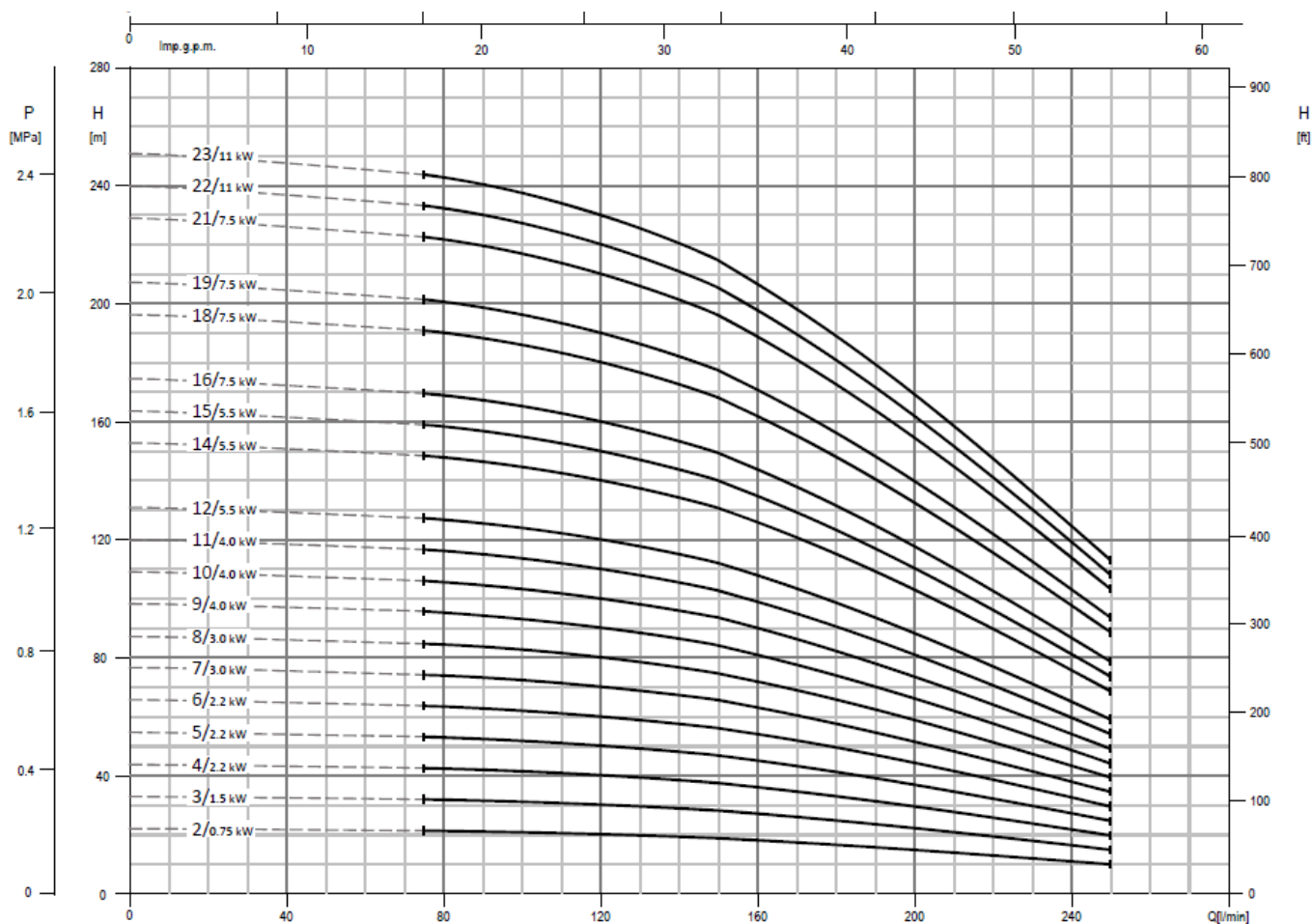
FIRE SPRINKLER PUMP SET

T: +44 (0)1825 764737 • INFO@APPENG.CO.UK • APPENG.CO.UK

APPLICATIONS
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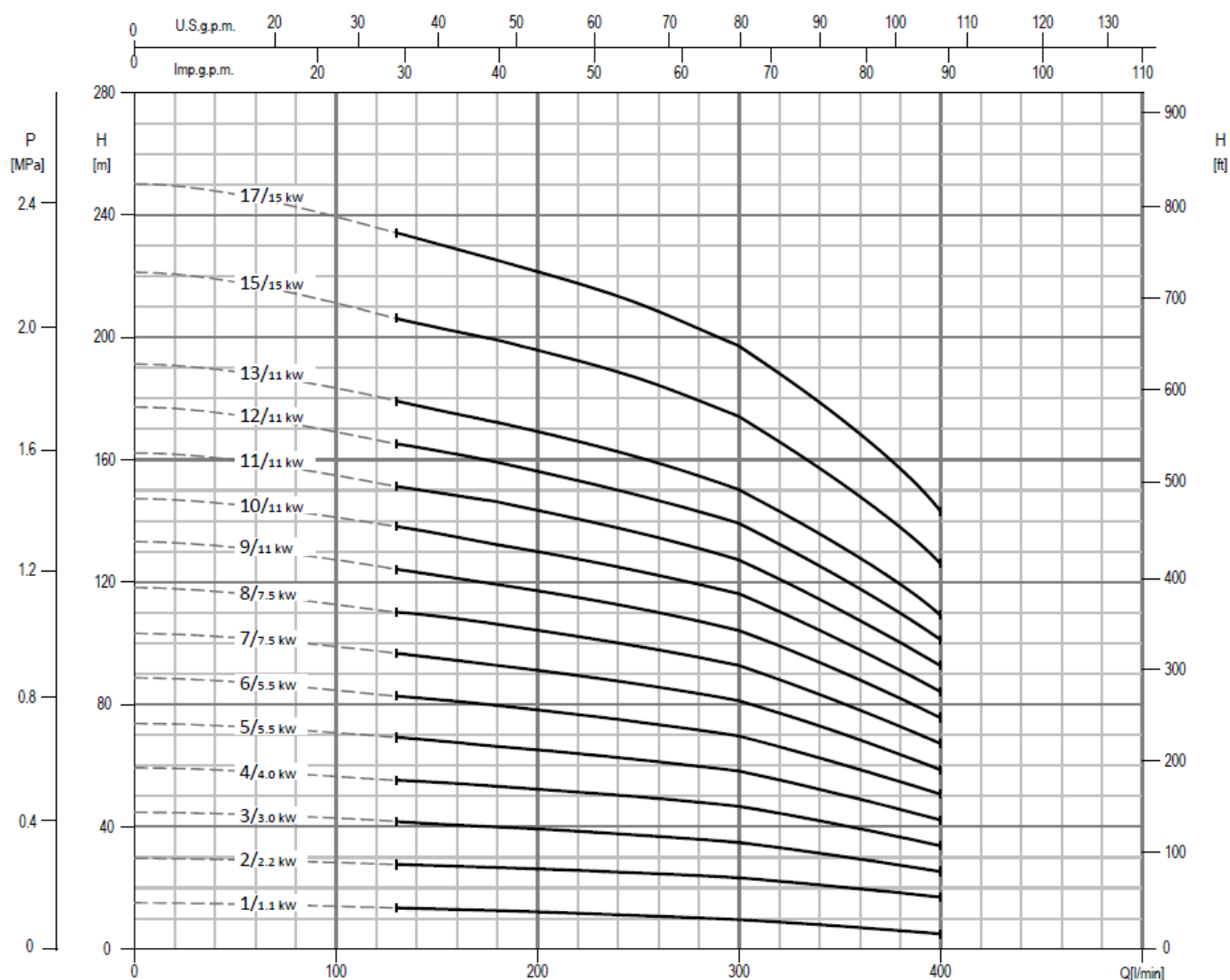
DN40 FD10 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN40PSE10-2-M-SP	0.75	Single Phase	DOL	1 ½" BSP	1 ½" BSP	4.3	24.1
AE-FDDN40PSE10-2-M	0.75	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	1.25	6.9
AE-FDDN40PSE10-3-M-SP	1.5	Single Phase	DOL	1 ½" BSP	1 ½" BSP	8.7	54.0
AE-FDDN40PSE10-3-M	1.5	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	3.3	25.5
AE-FDDN40PSE10-4-M-SP	2.2	Single Phase	DOL	1 ½" BSP	1 ½" BSP	12.3	73.0
AE-FDDN40PSE10-4-M	2.2	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	4.7	36.6
AE-FDDN40PSE10-5-M-SP	2.2	Single Phase	DOL	1 ½" BSP	1 ½" BSP	12.3	73.0
AE-FDDN40PSE10-5-M	2.2	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	4.7	36.6
AE-FDDN40PSE10-6-M-SP	2.2	Single Phase	DOL	1 ½" BSP	1 ½" BSP	12.3	73.0
AE-FDDN40PSE10-6-M	2.2	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	4.7	36.6
AE-FDDN40PSE10-7-M	3.0	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	6.4	51.8
AE-FDDN40PSE10-8-M	3.0	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	6.4	51.8
AE-FDDN40PSE10-9-M	4.0	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	8.7	76.1
AE-FDDN40PSE10-10-M	4.0	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	8.7	76.1
AE-FDDN40PSE10-11-M	4.0	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	8.7	76.1
AE-FDDN40PSE10-12-M	5.5	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	10.4	115.3
AE-FDDN40PSE10-14-M	5.5	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	10.4	115.3
AE-FDDN40PSE10-15-M	5.5	Three Phase	Soft Start	1 ½" BSP	1 ½" BSP	10.4	115.3



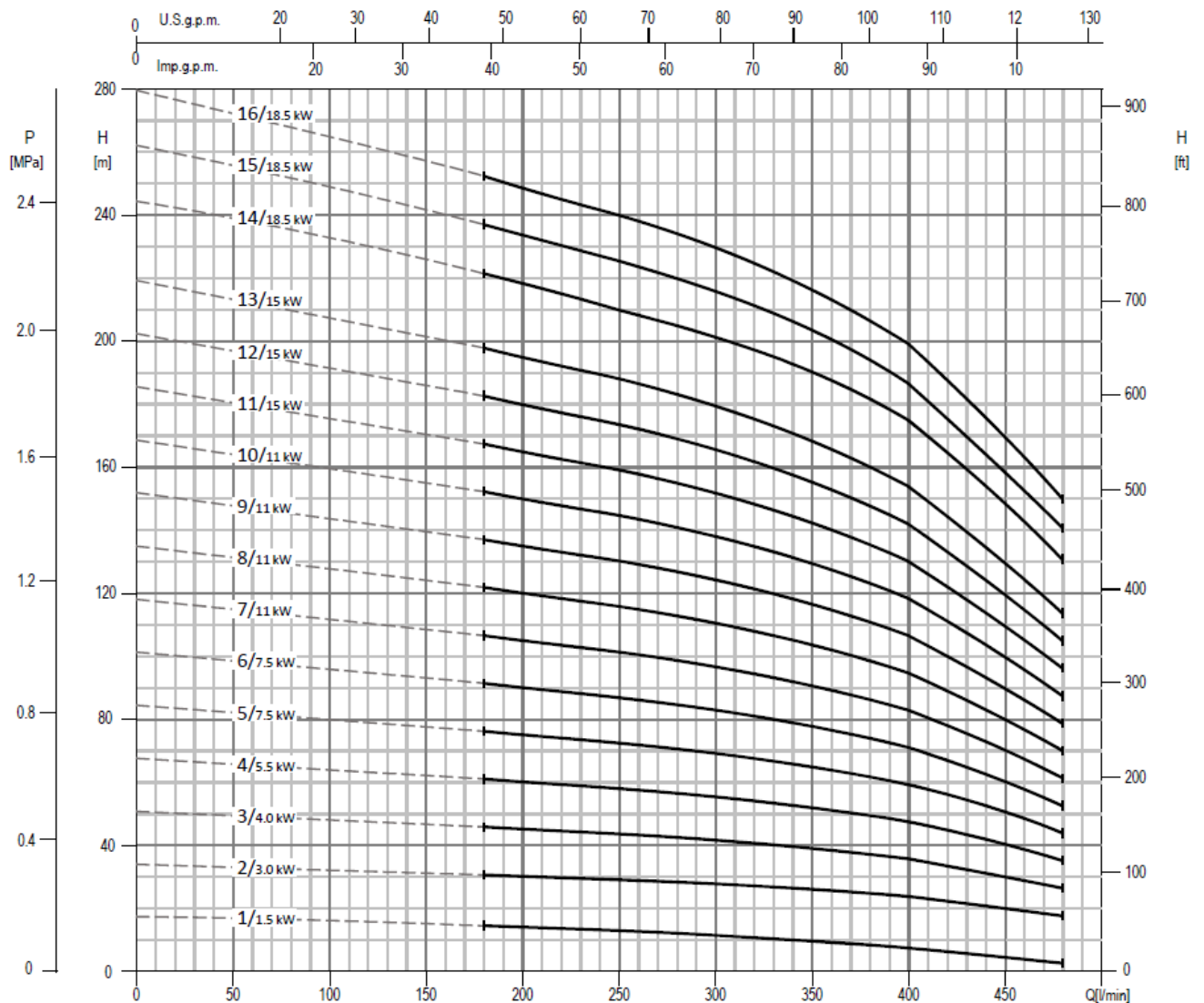
DN50 FD15 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN50PSE15-1-M-SP	1.1	Single Phase	DOL	2" BSP	2" BSP	6.4	8.9
AE-FDDN50PSE15-1-M	1.1	Three Phase	Soft Start	2" BSP	2" BSP	2.5	16.6
AE-FDDN50PSE15-2-M-SP	2.2	Single Phase	DOL	2" BSP	2" BSP	12.3	73.0
AE-FDDN50PSE15-2-M	2.2	Three Phase	Soft Start	2" BSP	2" BSP	4.7	36.6
AE-FDDN50PSE15-3-M	3.0	Three Phase	Soft Start	2" BSP	2" BSP	6.4	51.8
AE-FDDN50PSE15-4-M	4.0	Three Phase	Soft Start	2" BSP	2" BSP	8.7	76.1
AE-FDDN50PSE15-5-M	5.5	Three Phase	Soft Start	2" BSP	2" BSP	10.4	115.3
AE-FDDN50PSE15-6-M	5.5	Three Phase	Soft Start	2" BSP	2" BSP	10.4	115.3
AE-FDDN50PSE15-7-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE15-8-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE15-9-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE15-10-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE15-11-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184



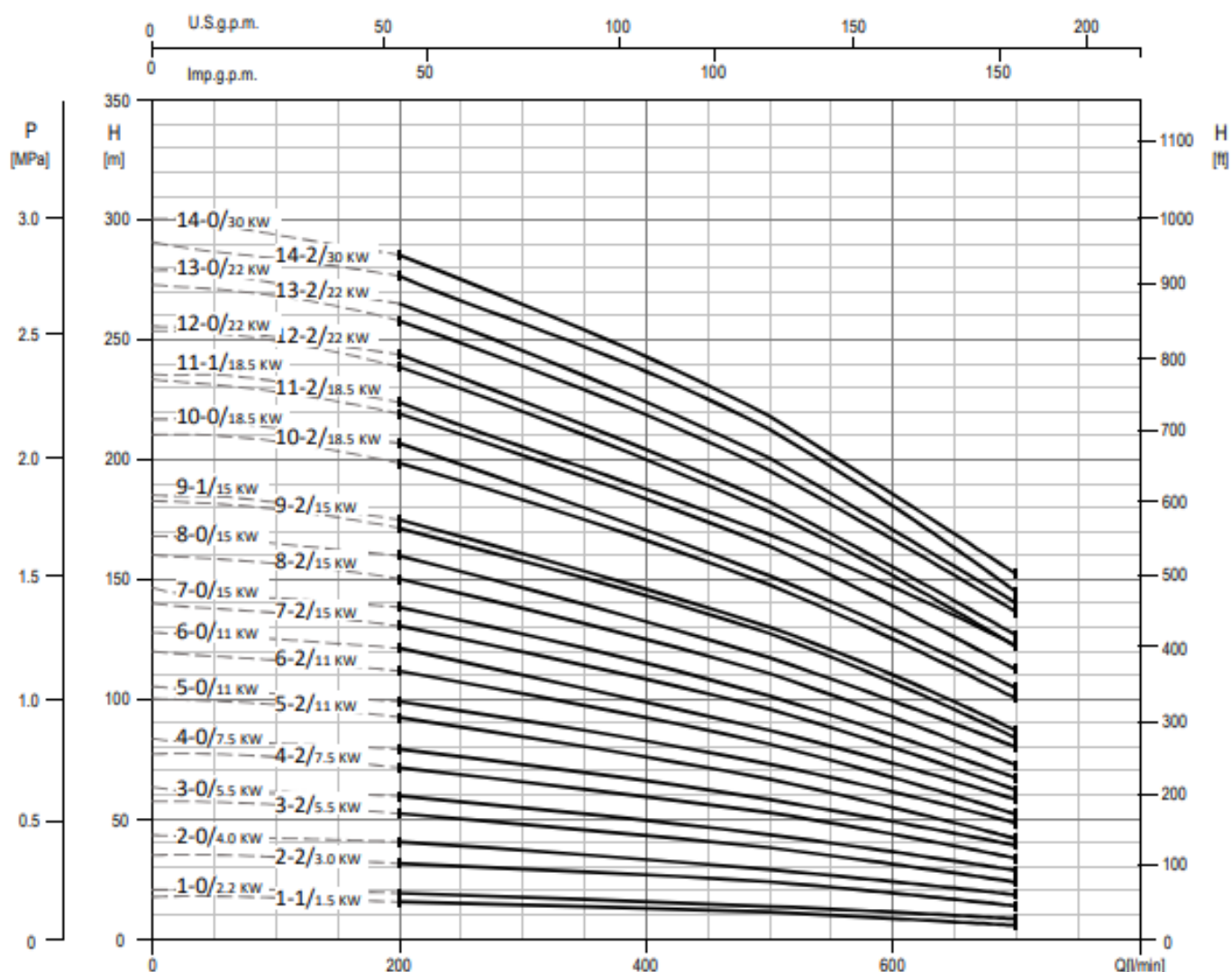
DN50 FD20 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN50PSE20-1-M-SP	1.5	Single Phase	DOL	2" BSP	2" BSP	8.7	54.0
AE-FDDN50PSE20-1-M	1.5	Three Phase	Soft Start	2" BSP	2" BSP	3.3	25.5
AE-FDDN50PSE20-2-M	3.0	Three Phase	Soft Start	2" BSP	2" BSP	6.4	51.8
AE-FDDN50PSE20-3-M	4.0	Three Phase	Soft Start	2" BSP	2" BSP	8.7	76.1
AE-FDDN50PSE20-4-M	5.5	Three Phase	Soft Start	2" BSP	2" BSP	10.4	115.3
AE-FDDN50PSE20-5-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE20-6-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE20-7-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE20-8-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE20-9-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE20-10-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184



DN65 FD32 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN65PSE32-1-1-M	1.5	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	3.3	25.5
AE-FDDN65PSE32-1-M	2.2	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	4.7	36.6
AE-FDDN65PSE32-2-2-M	3.0	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	6.4	51.8
AE-FDDN65PSE32-2-M	4.0	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	8.7	76.1
AE-FDDN65PSE32-3-2-M	5.5	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	10.4	115.3
AE-FDDN65PSE32-3-M	5.5	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	10.4	115.3
AE-FDDN65PSE32-4-2-M	7.5	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	13.6	144
AE-FDDN65PSE32-4-M	7.5	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	13.6	144
AE-FDDN65PSE32-5-2-M	11	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	21.3	184
AE-FDDN65PSE32-5-M	11	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	21.3	184
AE-FDDN65PSE32-6-2-M	11	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	21.3	184
AE-FDDN65PSE32-6-M	11	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	21.3	184
AE-FDDN65PSE32-7-2-M	15	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	26.2	215
AE-FDDN65PSE32-7-M	15	Three Phase	Soft Start	2 ½" BSP	2 ½" BSP	26.2	215



DN80 FD45 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN80PSE45-1-1M	3.0	Three Phase	Soft Start	3" BSP	3" BSP	6.4	51.8
AE-FDDN80PSE45-1-M	4.0	Three Phase	Soft Start	3" BSP	3" BSP	8.7	76.1
AE-FDDN80PSE45-2-2-M	5.5	Three Phase	Soft Start	3" BSP	3" BSP	10.4	115.3
AE-FDDN80PSE45-2-M	7.5	Three Phase	Soft Start	3" BSP	3" BSP	13.6	144
AE-FDDN80PSE45-3-2-M	11	Three Phase	Soft Start	3" BSP	3" BSP	21.3	184
AE-FDDN80PSE45-3-M	11	Three Phase	Soft Start	3" BSP	3" BSP	21.3	184
AE-FDDN80PSE45-4-2-M	15	Three Phase	Soft Start	3" BSP	3" BSP	26.2	215
AE-FDDN80PSE45-4-M	15	Three Phase	Soft Start	3" BSP	3" BSP	26.2	215
AE-FDDN80PSE45-5-2-M	18.5	Three Phase	Soft Start	3" BSP	3" BSP	32.8	299
AE-FDDN80PSE45-5-M	18.5	Three Phase	Soft Start	3" BSP	3" BSP	32.8	299
AE-FDDN80PSE45-6-2-M	22	Three Phase	Soft Start	3" BSP	3" BSP	38.5	347
AE-FDDN80PSE45-6-M	22	Three Phase	Soft Start	3" BSP	3" BSP	38.5	347

