



1 FH Series

Centrifugal electric pumps according to EN 733 (ex DIN 24255). Electric pumps with pump casing in cast iron and impeller in AISI 316* stainless steel, designed to pump hot, cold and moderately aggressive liquids.

Available versions:

FHE Close-coupled with special motor shaft extension.

FHS With stub shaft and standard motor.

FHF With adapter, support, flexible coupling, base and standard motor according to EN 733 (ex DIN 24255).

SPECIFICATIONS

Delivery: up to 700 m³/h

Head: up to 100 m

Power supply: three-phase and single-phase 50 and 60 Hz

Power: 0.25 kW to 132 kW

Maximum operating pressure:

12 bar PN12 up to FH80

flanges PN16 for FH100,125,150

Temperature of pumped liquid:

-20°C to +85°C (FH32 to 80)

-30°C to +120°C (FH100 to 150)

Insulation class: F

Protection: IP55

MATERIALS

Pump body: Cast iron

Impeller: Stainless steel for sizes 32, 40, 50 and 65-125

Cast iron for remaining sizes

Adapter: Aluminium or Cast iron

Mechanical seal: Ceramic/Carbon/NBR

Elastomers: NBR

APPLICATIONS

- Water distribution
- Heating, ventilation
- Pressure boosting, irrigation
- Industrial washing equipment, swimming pools
- Cooling and chilling
- General industry, water treatment
- Heat recovery, filtration equipment
- Auxiliary equipment, fire-fighting equipment

Available on request:

- version with Hydrovar frequency converter
- version with efficiency level 1 motor on FHS and FHF
- version with 4-pole motor
- version with bronze impeller



* Check material table for availability

For a complete list of technical information, consult www.lowara.com



General Catalogue

LIST OF MODELS, FH 50 Hz SERIES 2 POLES

1

| SIZE | kW | VERSION | | | |
|-------------|------|---------|-----|-----|-----|
| | | FHEM | FHE | FHS | FHF |
| 32-125/07 | 0.75 | • | • | • | • |
| 32-125/11 | 1.1 | • | • | • | • |
| 32-160/15 | 1.5 | • | • | • | • |
| 32-160/22 | 2.2 | • | • | • | • |
| 32-200/30 | 3 | - | • | • | • |
| 32-200/40 | 4 | - | • | • | • |
| 32-250/55 | 5.5 | - | • | - | - |
| 32-250/75 | 7.5 | - | • | - | - |
| 40-125/11 | 1.1 | • | • | • | • |
| 40-125/15 | 1.5 | • | • | • | • |
| 40-125/22 | 2.2 | • | • | • | • |
| 40-160/30 | 3 | - | • | • | • |
| 40-160/40 | 4 | - | • | • | • |
| 40-200/55 | 5.5 | - | • | • | • |
| 40-200/75 | 7.5 | - | • | • | • |
| 40-250/92 | 9.2 | - | • | - | - |
| 40-250/110A | 11 | - | - | • | • |
| 40-250/110 | 11 | - | • | • | • |
| 40-250/150 | 15 | - | • | • | • |
| 50-125/22 | 2.2 | • | • | • | • |
| 50-125/30 | 3 | - | • | • | • |
| 50-125/40 | 4 | - | • | • | • |
| 50-160/55 | 5.5 | - | • | • | • |
| 50-160/75 | 7.5 | - | • | • | • |
| 50-200/92 | 9.2 | - | • | - | - |
| 50-200/110A | 11 | - | - | • | • |
| 50-200/110 | 11 | - | • | • | • |
| 50-250/150 | 15 | - | • | • | • |
| 50-250/185 | 18.5 | - | • | • | • |
| 50-250/220 | 22 | - | • | • | • |
| 65-125/40 | 4 | - | • | • | • |
| 65-125/55 | 5.5 | - | • | • | • |
| 65-125/75 | 7.5 | - | • | • | • |
| 65-160/92 | 9.2 | - | • | - | - |
| 65-160/110A | 11 | - | - | • | • |
| 65-160/110 | 11 | - | • | • | • |
| 65-160/150 | 15 | - | • | • | • |
| 65-200/150 | 15 | - | • | • | • |
| 65-200/185 | 18.5 | - | • | • | • |
| 65-200/220 | 22 | - | • | • | • |
| 65-250/220 | 22 | - | • | • | • |
| 65-250/300 | 30 | - | - | • | • |
| 65-250/370 | 37 | - | - | • | • |
| 80-160/110 | 11 | - | • | • | • |
| 80-160/150 | 15 | - | • | • | • |
| 80-160/185 | 18.5 | - | • | • | • |
| 80-200/220 | 22 | - | • | • | • |
| 80-200/300 | 30 | - | - | • | • |
| 80-250/370 | 37 | - | - | • | • |
| 80-250/450 | 45 | - | - | • | • |
| 80-250/550 | 55 | - | - | • | • |

• = Available

fh_fhe-fhs-fhf_2p50_c_tem

| SIZE | kW | VERSION | |
|--------------|------|---------|-----|
| | | FHS | FHF |
| 100-160/185 | 18,5 | - | • |
| 100-160/220 | 22 | • | • |
| 100-160/300 | 30 | • | • |
| 100-200/185 | 18,5 | - | • |
| 100-200/300 | 30 | • | • |
| 100-200/370 | 37 | • | • |
| 100-200/450 | 45 | - | • |
| 100-250/300 | 30 | - | • |
| 100-250/450 | 45 | - | • |
| 100-250/550 | 55 | - | • |
| 100-250/750 | 75 | - | • |
| 100-250/900 | 90 | - | • |
| 125-200/300 | 30 | - | • |
| 125-200/450 | 45 | - | • |
| 125-200/550 | 55 | - | • |
| 125-270/750 | 75 | - | • |
| 125-270/900 | 90 | - | • |
| 125-270/1100 | 110 | - | • |
| 125-270/1320 | 132 | - | • |

• = Available

lm_fhs_fhf_2p50_c_tem

Engineered for life



General Catalogue

LIST OF MODELS, FH 50 Hz SERIES 4 POLES

| SIZE | kW | VERSION | | |
|-------------|------|---------|------|------|
| | | FHE4 | FHS4 | FHF4 |
| 32-125/02A | 0,25 | • | - | • |
| 32-125/02 | 0,25 | • | - | • |
| 32-160/02 | 0,25 | • | - | • |
| 32-160/03 | 0,37 | • | - | • |
| 32-200/03 | 0,37 | • | - | • |
| 32-200/05 | 0,55 | • | - | • |
| 32-250/07 | 0,75 | • | - | - |
| 32-250/11 | 1,1 | • | - | - |
| 40-125/02A | 0,25 | • | - | • |
| 40-125/02 | 0,25 | • | - | • |
| 40-125/03 | 0,37 | • | - | • |
| 40-160/03 | 0,37 | • | - | • |
| 40-160/05 | 0,5 | • | - | • |
| 40-200/07 | 0,75 | • | • | • |
| 40-200/11 | 1,1 | • | • | • |
| 40-250/11 | 1,1 | • | • | • |
| 40-250/15 | 1,5 | • | • | • |
| 40-250/22 | 2,2 | • | • | • |
| 50-125/03A | 0,37 | • | - | • |
| 50-125/03 | 0,37 | • | - | • |
| 50-125/05 | 0,5 | • | - | • |
| 50-160/07 | 0,75 | • | • | • |
| 50-160/11 | 1,1 | • | • | • |
| 50-200/11 | 1,1 | • | • | • |
| 50-200/15 | 1,5 | • | • | • |
| 50-250/22A | 2,2 | • | • | • |
| 50-250/22 | 2,2 | • | • | • |
| 50-250/30 | 3 | • | • | • |
| 65-125/05 | 0,5 | • | • | • |
| 65-125/07 | 0,75 | • | • | • |
| 65-125/11 | 1,1 | • | • | • |
| 65-160/11 | 1,1 | • | • | • |
| 65-160/15 | 1,5 | • | • | • |
| 65-160/22 | 2,2 | • | • | • |
| 65-200/15 | 1,5 | • | • | • |
| 65-200/22 | 2,2 | • | • | • |
| 65-200/30 | 3 | • | • | • |
| 65-250/30 | 3 | • | • | • |
| 65-250/40 | 4 | • | • | • |
| 65-250/55 | 5,5 | • | • | • |
| 65-315/40 | 4 | - | - | • |
| 65-315/55 | 5,5 | - | - | • |
| 65-315/75 | 7,5 | - | • | • |
| 65-315/110A | 11 | - | - | • |
| 65-315/110 | 11 | - | • | • |
| 80-160/15 | 1,5 | • | • | • |
| 80-160/22 | 2,2 | • | • | • |
| 80-200/30 | 3 | • | • | • |
| 80-200/40 | 4 | • | • | • |
| 80-250/40 | 4 | • | • | • |
| 80-250/55 | 5,5 | • | • | • |
| 80-250/75 | 7,5 | • | • | • |
| 80-315/55 | 5,5 | - | - | • |
| 80-315/75 | 7,5 | - | - | • |
| 80-315/110 | 11 | - | • | • |
| 80-315/150 | 15 | - | • | • |
| 80-400/185 | 18,5 | - | - | • |
| 80-400/220 | 22 | - | - | • |
| 80-400/300 | 30 | - | - | • |

• = Available

fh_fhe4-fhs4-fhf4_4p50-en_c_tem

| SIZE | kW | VERSION | |
|-------------|------|---------|------|
| | | FHS4 | FHF4 |
| 100-160/22 | 2,2 | - | • |
| 100-160/30 | 3 | • | • |
| 100-160/40 | 4 | - | • |
| 100-200/22 | 2,2 | - | • |
| 100-200/40 | 4 | • | • |
| 100-200/55 | 5,5 | • | • |
| 100-250/40 | 4 | - | • |
| 100-250/55 | 5,5 | - | • |
| 100-250/75 | 7,5 | • | • |
| 100-250/110 | 11 | • | • |
| 100-315/150 | 15 | • | • |
| 100-315/185 | 18,5 | • | • |
| 100-315/220 | 22 | • | • |
| 100-400/300 | 30 | - | • |
| 100-400/450 | 45 | - | • |
| 125-200/40 | 4 | - | • |
| 125-200/55 | 5,5 | • | • |
| 125-200/75 | 7,5 | • | • |
| 125-250/75 | 7,5 | - | • |
| 125-250/110 | 11 | • | • |
| 125-250/150 | 15 | • | • |
| 125-250/185 | 18,5 | • | • |
| 125-270/75 | 7,5 | - | • |
| 125-270/110 | 11 | - | • |
| 125-270/150 | 15 | - | • |
| 125-315/185 | 18,5 | - | • |
| 125-315/220 | 22 | • | • |
| 125-315/300 | 30 | • | • |
| 125-315/370 | 37 | - | • |
| 125-400/220 | 22 | - | • |
| 125-400/300 | 30 | - | • |
| 125-400/450 | 45 | - | • |
| 125-400/550 | 55 | - | • |
| 150-250/150 | 15 | • | • |
| 150-250/185 | 18,5 | • | • |
| 150-250/220 | 22 | • | • |
| 150-250/300 | 30 | • | • |
| 150-315/300 | 30 | • | • |
| 150-315/370 | 37 | - | • |
| 150-315/450 | 45 | - | • |
| 150-315/550 | 55 | - | • |
| 150-400/300 | 30 | - | • |
| 150-400/370 | 37 | - | • |
| 150-400/450 | 45 | - | • |
| 150-400/550 | 55 | - | • |
| 150-400/750 | 75 | - | • |
| 150-400/900 | 90 | - | • |

• = Available

lm_fhs4-fhf4_4p50-en_d_tem

Engineered for life



General Catalogue

FH SERIES

HYDRAULIC PERFORMANCE TABLE AT 50 Hz, 2 POLES

1

| PUMP TYPE | RATED POWER | | Q = DELIVERY | | | | | | | | | | | | | | | | | | |
|------------|-------------|-----|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | l/min | 100 | 150 | 250 | 300 | 400 | 450 | 600 | 700 | 800 | 900 | 1200 | 1400 | 1500 | 1800 | 2000 | 2300 | 3000 | 3500 |
| | | | m ³ /h | 6 | 9 | 15 | 18 | 24 | 27 | 36 | 42 | 48 | 54 | 72 | 84 | 90 | 108 | 120 | 138 | 180 | 210 |
| kW | | HP | H = TOTAL HEAD IN COLUMN OF WATER (METRES) | | | | | | | | | | | | | | | | | | |
| 32-125/07* | 0,75 | 1 | 16,9 | | 14,6 | 11 | 8,7 | | | | | | | | | | | | | | |
| 32-125/11* | 1,1 | 1,5 | 21,9 | | 19,6 | 16,3 | 14,2 | 9 | | | | | | | | | | | | | |
| 32-160/15* | 1,5 | 2 | 27,3 | | 24,5 | 20,5 | 17,8 | 11 | | | | | | | | | | | | | |
| 32-160/22* | 2,2 | 3 | 34,7 | | 32 | 28 | 25,3 | 18,8 | 15 | | | | | | | | | | | | |
| 32-200/30 | 3 | 4 | 44,2 | | 39,8 | 35,2 | 32,2 | 24,6 | 19,8 | | | | | | | | | | | | |
| 32-200/40 | 4 | 5,5 | 54,4 | | 50 | 45 | 41,9 | 34,6 | 30,3 | | | | | | | | | | | | |
| 32-250/55 | 5,5 | 7,5 | 79 | 74,7 | 71 | 62 | 56 | 37 | | | | | | | | | | | | | |
| 32-250/75 | 7,5 | 10 | 99 | 95,3 | 92 | 83 | 76 | 58 | | | | | | | | | | | | | |
| 40-125/11* | 1,1 | 1,5 | 14,5 | | | | 13 | 11,3 | 10,1 | 5,8 | | | | | | | | | | | |
| 40-125/15* | 1,5 | 2 | 18,1 | | | | 16,7 | 15 | 13,9 | 9,6 | 6 | | | | | | | | | | |
| 40-125/22* | 2,2 | 3 | 24,5 | | | | 23 | 21 | 20,1 | 15,8 | 12,3 | 8,2 | | | | | | | | | |
| 40-160/30 | 3 | 4 | 31,5 | | | | 29,4 | 27,5 | 26,1 | 21,5 | 17,4 | | | | | | | | | | |
| 40-160/40 | 4 | 5,5 | 38 | | | | 36,2 | 34 | 33 | 28,5 | 24,5 | 20,1 | | | | | | | | | |
| 40-200/55 | 5,5 | 7,5 | 46,5 | | | | 44 | 41,5 | 40,2 | 34,5 | 29,5 | | | | | | | | | | |
| 40-200/75 | 7,5 | 10 | 57 | | | | 54 | 52 | 50 | 45,5 | 41 | 36,1 | | | | | | | | | |
| 40-250/** | ** | ** | 64 | | | | 59 | 56 | 55 | 49 | 45 | 39,5 | | | | | | | | | |
| 40-250/110 | 11 | 15 | 72 | | | | 67,5 | 65 | 63 | 57 | 52 | 47 | | | | | | | | | |
| 40-250/150 | 15 | 20 | 85 | | | | 80 | 77 | 75 | 70 | 65 | 60 | | | | | | | | | |
| 50-125/22* | 2,2 | 3 | 17 | | | | | | | 15,1 | 14 | 12,8 | 11,4 | 6,2 | | | | | | | |
| 50-125/30 | 3 | 4 | 20 | | | | | | | 18,8 | 18 | 16,9 | 15,6 | 10,5 | | | | | | | |
| 50-125/40 | 4 | 5,5 | 24 | | | | | | | 23,1 | 22,5 | 21,5 | 20,3 | 15,8 | 11,8 | | | | | | |
| 50-160/55 | 5,5 | 7,5 | 32 | | | | | | | 30,6 | 29,5 | 28 | 26,6 | 20,5 | 14,8 | | | | | | |
| 50-160/75 | 7,5 | 10 | 40 | | | | | | | 38 | 37 | 36 | 34,4 | 29 | 24 | 21 | | | | | |
| 50-200/** | ** | ** | 50,5 | | | | | | | 46,8 | 45 | 43 | 40,9 | 32,5 | 25,7 | | | | | | |
| 50-200/110 | 11 | 15 | 58 | | | | | | | 54 | 53 | 50 | 48,3 | 40 | 33 | 29 | | | | | |
| 50-250/150 | 15 | 20 | 68 | | | | | | | 64 | 63 | 61 | 59 | 50 | 41 | | | | | | |
| 50-250/185 | 18,5 | 25 | 77 | | | | | | | 73 | 72 | 70 | 68 | 60 | 52 | 47 | | | | | |
| 50-250/220 | 22 | 30 | 86 | | | | | | | 82,5 | 81 | 80 | 78 | 70 | 61 | 57 | | | | | |
| 65-125/40 | 4 | 5,5 | 19 | | | | | | | | | 17,3 | 16,8 | 14,5 | 13 | 11,8 | | | | | |
| 65-125/55 | 5,5 | 7,5 | 23 | | | | | | | | | 21,3 | 20,9 | 19 | 17,5 | 16,7 | 13,7 | | | | |
| 65-125/75 | 7,5 | 10 | 27 | | | | | | | | | 26 | 25,6 | 24,5 | 23 | 22,5 | 20 | 18 | | | |
| 65-160/** | ** | ** | 33 | | | | | | | | | | 31,5 | 30 | 28 | 27,1 | 24 | 21,5 | | | |
| 65-160/110 | 11 | 15 | 36 | | | | | | | | | | 34,5 | 33 | 31,5 | 30,8 | 28 | 25,5 | | | |
| 65-160/150 | 15 | 20 | 42 | | | | | | | | | | 41 | 40 | 38,5 | 37,8 | 35 | 33 | 29,5 | | |
| 65-200/150 | 15 | 20 | 45 | | | | | | | | | | 45,5 | 43 | 41 | 40,2 | 36,5 | 34 | | | |
| 65-200/185 | 18,5 | 25 | 52 | | | | | | | | | | 52 | 51 | 49 | 48 | 44,5 | 42 | | | |
| 65-200/220 | 22 | 30 | 59 | | | | | | | | | | 59,5 | 58 | 56 | 55 | 52 | 49,5 | 44,5 | | |
| 65-250/220 | 22 | 30 | 62 | | | | | | | | | | 61 | 58 | 56 | 54 | 48,5 | 44 | | | |
| 65-250/300 | 30 | 40 | 76 | | | | | | | | | | 74,5 | 73 | 71 | 69 | 64 | 61 | 54 | | |
| 65-250/370 | 37 | 50 | 90 | | | | | | | | | | 88 | 86 | 84 | 83 | 78 | 75 | 68 | | |
| 80-160/110 | 11 | 15 | 27 | | | | | | | | | | | | 27,3 | 26 | 24,5 | 22,5 | 16 | | |
| 80-160/150 | 15 | 20 | 33 | | | | | | | | | | | | 32,5 | 31 | 30 | 28 | 22 | 16,5 | |
| 80-160/185 | 18,5 | 25 | 39 | | | | | | | | | | | | 38 | 36,5 | 35,5 | 34 | 28,5 | 23,3 | |
| 80-200/220 | 22 | 30 | 48 | | | | | | | | | | | | 47 | 45 | 43,5 | 41 | 32,5 | 24,5 | |
| 80-200/300 | 30 | 40 | 60 | | | | | | | | | | | | 59,5 | 58 | 57 | 54,5 | 47 | 40,5 | |
| 80-250/370 | 37 | 50 | 71 | | | | | | | | | | | | 70 | 67 | 65 | 61 | 49 | 38 | |
| 80-250/450 | 45 | 61 | 80 | | | | | | | | | | | | 80,5 | 78 | 76 | 73 | 62 | 51 | |
| 80-250/550 | 55 | 75 | 92 | | | | | | | | | | | | 93 | 91 | 90 | 87 | 77 | 68 | |

* Single-phase version (FHEM) also available
 **/92 = 9.2kW - 12.5HP FHE **/110 = 11kW - 15HP FHS
 Performance complies with ISO 9906 - Annex A.

fhe-fhs-fhf-2p50_b_th



FH SERIES

HYDRAULIC PERFORMANCE TABLE AT 50 Hz, 2 POLES

| PUMP TYPE | RATED POWER | | Q = DELIVERY | | | | | | | | | | | | | | |
|--|-------------|-----|---------------------|-------|------|-------|------|------|------|------|------|------|------|------|------|-------|-------|
| | | | l/min 0 | 1333 | 1500 | 1667 | 2000 | 2500 | 3333 | 4167 | 5000 | 5833 | 6667 | 8333 | 9167 | 10000 | 10833 |
| | | | m ³ /h 0 | 79,98 | 90 | 100 | 120 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 550 | 600 | 650 |
| H = TOTAL HEAD IN COLUMN OF WATER (METRES) | | | | | | | | | | | | | | | | | |
| kW | HP | | | | | | | | | | | | | | | | |
| 100-160/185 | 18,5 | 25 | 26,7 | 26,8 | 26,6 | 26 | 25,8 | 24,5 | 21,4 | 17,4 | 12,6 | | | | | | |
| 100-160/220 | 22 | 30 | 33 | 33 | 32,7 | 32,4 | 31,6 | 30 | 26,6 | 22,2 | 16,8 | | | | | | |
| 100-160/300 | 30 | 40 | 42,3 | 42 | 42 | 42 | 41 | 39 | 36 | 31,5 | 26 | 19,6 | | | | | |
| 100-200/185 | 18,5 | 25 | 36,4 | | 34,5 | 34 | 32,4 | 29,5 | 23,2 | 15,2 | | | | | | | |
| 100-200/300 | 30 | 40 | 49 | | 48,5 | 48 | 47 | 45 | 40 | 33,2 | 24,6 | | | | | | |
| 100-200/370 | 37 | 50 | 56 | | 55,6 | 55 | 54 | 52 | 48 | 41 | 33,2 | | | | | | |
| 100-200/450 | 45 | 60 | 61 | | 61 | 61 | 60 | 59 | 55 | 49 | 41 | 31,6 | | | | | |
| 100-250/300 | 30 | 40 | 54,6 | | | 53,3 | 52 | 48 | 41 | 29,5 | 14,9 | | | | | | |
| 100-250/450 | 45 | 60 | 68,8 | | | 68,1 | 67 | 65 | 58 | 49 | 36,3 | | | | | | |
| 100-250/550 | 55 | 75 | 78,5 | | | 78,1 | 77 | 75 | 70 | 62 | 49 | 34 | | | | | |
| 100-250/750 | 75 | 100 | 91,8 | | | 91,7 | 91 | 89 | 85 | 78 | 68 | 54 | | | | | |
| 100-250/900 | 90 | 120 | 103 | | | 102,8 | 102 | 101 | 97 | 90 | 80 | 66 | 49 | | | | |
| 125-200/300 | 30 | 40 | 32,4 | | | | 30,5 | 29,1 | 26,5 | 23,9 | 21,4 | 19 | 16,2 | | | | |
| 125-200/450 | 45 | 60 | 47 | | | | 45,5 | 44 | 42 | 39,2 | 36,2 | 32,9 | 29,4 | 21,0 | | | |
| 125-200/550 | 55 | 75 | 57,3 | | | | 55,7 | 55 | 53 | 50 | 47 | 44 | 39,5 | 29,5 | 23,5 | | |
| 125-270/750 | 75 | 100 | 64,9 | | | | | 64,6 | 63 | 60 | 57 | 54 | 50 | 40 | 34,1 | | |
| 125-270/900 | 90 | 120 | 75,1 | | | | | 74,5 | 73 | 71 | 68 | 65 | 61 | 51 | 46 | 36,7 | |
| 125-270/1100 | 110 | 150 | 87,6 | | | | | 86,7 | 85 | 83 | 80 | 77 | 74 | 64 | 56 | 47 | |
| 125-270/1320 | 132 | 180 | 96,8 | | | | | 96,1 | 94 | 92 | 90 | 87 | 83 | 75 | 69 | 61 | 50,7 |

Performances complies with ISO 9906 - Annex A.

lm-fhs-fhf-2p50_c_th



ITT

Lowara

General Catalogue

FH SERIES

HYDRAULIC PERFORMANCE TABLE AT 50 Hz, 4 POLES

1

| PUMP TYPE | RATED POWER | | Q = DELIVERY | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|----------------|------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | kW | HP | V/min | 75 | 100 | 150 | 175 | 200 | 300 | 400 | 450 | 500 | 600 | 700 | 750 | 1000 | 1200 | 1400 | 1600 | 1800 | 2333 | 2500 | | | |
| | | | m ³ /h | 4,5 | 6 | 9 | 10,5 | 12 | 18 | 24 | 27 | 30 | 36 | 42 | 45 | 60 | 72 | 84 | 96 | 108 | 140 | 150 | | | |
| H = TOTAL HEAD METRES COLUMN OF WATER | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-125/02A* | 0,25 | 0,33 | 4,4 | 3,9 | 3,5 | 2,5 | 1,8 | | | | | | | | | | | | | | | | | | |
| 32-125/02* | 0,25 | 0,33 | 5,5 | 5 | 4,7 | 3,8 | 3,1 | 2,4 | | | | | | | | | | | | | | | | | |
| 32-160/02* | 0,25 | 0,33 | 6,5 | 5,8 | 5,4 | 4,3 | 3,6 | 2,8 | | | | | | | | | | | | | | | | | |
| 32-160/03* | 0,37 | 0,5 | 8,5 | 7,7 | 7,3 | 6 | 5,7 | 4,9 | | | | | | | | | | | | | | | | | |
| 32-200/03* | 0,37 | 0,5 | 9,9 | 8,7 | 8,1 | 6,7 | 5,9 | 5 | | | | | | | | | | | | | | | | | |
| 32-200/05* | 0,55 | 0,75 | 12,5 | 11,3 | 10,7 | 9,3 | 8,4 | 7,5 | | | | | | | | | | | | | | | | | |
| 32-250/07 | 0,75 | 1 | 19,4 | 17,7 | 16,7 | 13,8 | 11,7 | 9 | | | | | | | | | | | | | | | | | |
| 32-250/11 | 1,1 | 1,5 | 22,5 | 20,8 | 19,9 | 17,0 | 15 | 12,5 | | | | | | | | | | | | | | | | | |
| 40-125/02A* | 0,25 | 0,33 | 4 | | | 3,8 | 3,6 | 3,4 | 2,2 | | | | | | | | | | | | | | | | |
| 40-125/02* | 0,25 | 0,33 | 5,1 | | | 4,7 | 4,5 | 4,3 | 3,1 | | | | | | | | | | | | | | | | |
| 40-125/03* | 0,37 | 0,5 | 6,3 | | | 5,8 | 5,6 | 5,4 | 4,2 | 2,3 | | | | | | | | | | | | | | | |
| 40-160/03* | 0,37 | 0,5 | 7,4 | | | 6,7 | 6,4 | 6,1 | 4,6 | | | | | | | | | | | | | | | | |
| 40-160/05* | 0,55 | 0,75 | 9,1 | | | 8,4 | 8,2 | 7,9 | 6,3 | 4,3 | | | | | | | | | | | | | | | |
| 40-200/07 | 0,75 | 1 | 11,6 | | | 10,8 | 10,5 | 10,2 | 8,4 | | | | | | | | | | | | | | | | |
| 40-200/11 | 1,1 | 1,5 | 14,1 | | | 13,2 | 12,9 | 12,6 | 10,8 | 8,3 | | | | | | | | | | | | | | | |
| 40-250/11 | 1,1 | 1,5 | 15 | | | 13,7 | 13,3 | 13 | 11,2 | 8,5 | 6,8 | | | | | | | | | | | | | | |
| 40-250/15 | 1,5 | 2 | 17,5 | | | 16,2 | 15,8 | 15,5 | 13,5 | 10,8 | 9,2 | | | | | | | | | | | | | | |
| 40-250/22 | 2,2 | 3 | 21 | | | 19,3 | 19 | 18,5 | 16,6 | 14 | 12,4 | 10,6 | | | | | | | | | | | | | |
| 50-125/03A* | 0,37 | 0,5 | 4,3 | | | | | | 3,9 | 3,4 | 3,1 | 2,7 | 1,8 | | | | | | | | | | | | |
| 50-125/03* | 0,37 | 0,5 | 5,0 | | | | | | 4,4 | 3,9 | 3,6 | 3,3 | 2,4 | | | | | | | | | | | | |
| 50-125/05* | 0,55 | 0,75 | 6 | | | | | | 5,5 | 5,1 | 4,7 | 4,4 | 3,5 | 2,5 | | | | | | | | | | | |
| 50-160/07 | 0,75 | 1 | 7,9 | | | | | | 7,4 | 6,8 | 6,3 | 5,8 | 4,7 | | | | | | | | | | | | |
| 50-160/11 | 1,1 | 1,5 | 9,7 | | | | | | 9,1 | 8,5 | 8,1 | 7,6 | 6,5 | 5,1 | | | | | | | | | | | |
| 50-200/11 | 1,1 | 1,5 | 12,1 | | | | | | 10,8 | 9,9 | 9,2 | 8,6 | 7,1 | 5,2 | | | | | | | | | | | |
| 50-200/15 | 1,5 | 2 | 13,9 | | | | | | 12,6 | 11,6 | 10,9 | 10,2 | 8,6 | 6,7 | 5,7 | | | | | | | | | | |
| 50-250/22A | 2,2 | 3 | 16,5 | | | | | | 15,6 | 14,6 | 14 | 13,2 | 11,4 | 9,1 | | | | | | | | | | | |
| 50-250/22 | 2,2 | 3 | 18,6 | | | | | | 17,4 | 16,5 | 15,9 | 15,2 | 13,4 | 10,1 | 9,8 | | | | | | | | | | |
| 50-250/30 | 3 | 4 | 21,1 | | | | | | 20 | 19 | 18,5 | 17,8 | 16,2 | 14,2 | 13 | | | | | | | | | | |
| 65-125/05 | 0,55 | 0,75 | 4,6 | | | | | | 4,1 | 4 | 3,8 | 3,4 | 2,9 | 2,7 | | | | | | | | | | | |
| 65-125/07 | 0,75 | 1 | 5,6 | | | | | | 5,2 | 5 | 4,9 | 4,5 | 4,2 | 3,9 | 2,6 | | | | | | | | | | |
| 65-125/11 | 1,1 | 1,5 | 6,6 | | | | | | 6,3 | 6,2 | 6,1 | 5,9 | 5,6 | 5 | 4,2 | | | | | | | | | | |
| 65-160/11 | 1,1 | 1,5 | 8,0 | | | | | | | | 7,3 | 7 | 6,6 | 6,3 | 4,8 | 3,4 | | | | | | | | | |
| 65-160/15 | 1,5 | 2 | 9 | | | | | | | | 8,3 | 8 | 7,6 | 7,4 | 6 | 4,6 | | | | | | | | | |
| 65-160/22 | 2,2 | 3 | 10,3 | | | | | | | | 9,8 | 9,5 | 9,2 | 9 | 7,8 | 6,5 | 5,0 | | | | | | | | |
| 65-200/15 | 1,5 | 2 | 10 | | | | | | | | 9,6 | 9,1 | 8,5 | 8,2 | 6,4 | 4,6 | | | | | | | | | |
| 65-200/22 | 2,2 | 3 | 12,4 | | | | | | | | 12,2 | 11,8 | 11,3 | 11 | 9,3 | 7,6 | | | | | | | | | |
| 65-200/30 | 3 | 4 | 14,4 | | | | | | | | 14,3 | 13,8 | 13,4 | 13,1 | 11,3 | 9,6 | 7,5 | | | | | | | | |
| 65-250/30 | 3 | 4 | 15,4 | | | | | | | | 14,8 | 14,6 | 13,9 | 13,1 | 12,6 | 9,7 | 6,7 | | | | | | | | |
| 65-250/40 | 4 | 5,5 | 19 | | | | | | | | 18,6 | 18,3 | 17,8 | 17,2 | 16,9 | 14,4 | 11,7 | | | | | | | | |
| 65-250/55 | 5,5 | 7,5 | 22,3 | | | | | | | | 21,5 | 21,3 | 20,9 | 20,3 | 19,9 | 17,7 | 15,1 | 12,0 | | | | | | | |
| 65-315/40 | 4 | 5,5 | 18,6 | | | | | | | | 18,3 | 18,1 | 17,9 | 17,3 | 16,7 | 16,2 | 13,3 | | | | | | | | |
| 65-315/55 | 5,5 | 7,5 | 22,1 | | | | | | | | 21,8 | 21,7 | 21,6 | 21,2 | 20,6 | 20,2 | 17,3 | 14 | | | | | | | |
| 65-315/75 | 7,5 | 10 | 26,5 | | | | | | | | 26,2 | 26,1 | 26 | 25,6 | 25,2 | 24,9 | 23 | 20,8 | 17,6 | | | | | | |
| 65-315/110A | 11 | 15 | 30,6 | | | | | | | | 30,5 | 30,4 | 30,3 | 30 | 29,7 | 29,5 | 27,9 | 25,8 | 22,8 | 18,6 | | | | | |
| 65-315/110 | 11 | 15 | 34,8 | | | | | | | | 34,7 | 34,6 | 34,5 | 34,2 | 33,9 | 33,7 | 32,1 | 30,2 | 27,4 | 23,7 | 18,7 | | | | |
| 80-160/15 | 1,5 | 2 | 7,2 | | | | | | | | | | | | 7,1 | 6,4 | 5,5 | 4,6 | 3,5 | | | | | | |
| 80-160/22 | 2,2 | 3 | 8,5 | | | | | | | | | | | | 8,6 | 8,0 | 7,4 | 6,6 | 5,7 | 5 | | | | | |
| 80-200/30 | 3 | 4 | 11,2 | | | | | | | | | | | | 11,0 | 10,1 | 9,2 | 8 | 6,6 | | | | | | |
| 80-200/40 | 4 | 5,5 | 13,8 | | | | | | | | | | | | 13,8 | 13,3 | 12,4 | 11,3 | 10 | 9 | | | | | |
| 80-250/40 | 4 | 5,5 | 16,5 | | | | | | | | | | | | 16,0 | 14,8 | 13,2 | 11,4 | 9 | | | | | | |
| 80-250/55 | 5,5 | 7,5 | 19,8 | | | | | | | | | | | | 19,5 | 18,4 | 17,2 | 15,5 | 13,5 | 11,1 | | | | | |
| 80-250/75 | 7,5 | 10 | 23,6 | | | | | | | | | | | | 23,5 | 22,5 | 21,3 | 19,9 | 18,1 | 16 | | | | | |
| 80-315/55 | 5,5 | 7,5 | 19,7 | | | | | | | | 19,5 | 19,4 | 19,2 | 19,1 | 18,1 | 16,8 | 15 | 12,8 | 10,1 | | | | | | |
| 80-315/75 | 7,5 | 10 | 24,6 | | | | | | | | 24,4 | 24,3 | 24,1 | 23,9 | 23 | 21,9 | 20,4 | 18,6 | 16,3 | | | | | | |
| 80-315/110 | 11 | 15 | 29,9 | | | | | | | | 29,7 | 29,6 | 29,5 | 29,4 | 28,8 | 28,1 | 27 | 25,5 | 23,6 | 16,5 | 13,5 | | | | |
| 80-315/150 | 15 | 20 | 36,8 | | | | | | | | 37 | 36,8 | 36,6 | 36,4 | 35,6 | 34,7 | 33,6 | 32,4 | 30,9 | 25,3 | 23 | | | | |
| 80-400/185 | 18,5 | 25 | 40,3 | | | | | | | | | | | | 39,7 | 39,7 | 39,1 | 38,4 | 37,3 | 35,9 | 34,1 | 27,3 | 24,5 | | |
| 80-400/220 | 22 | 30 | 45,1 | | | | | | | | | | | | 44,7 | 44,6 | 44,2 | 43,6 | 42,6 | 41,4 | 39,8 | 33,4 | 30,7 | | |
| 80-400/300 | 30 | 40 | 55,1 | | | | | | | | | | | | 54,7 | 54,7 | 54,4 | 54 | 53,3 | 52,2 | 50,9 | 45,4 | 43,2 | | |

* FHE4 VERSION ONLY

fhe4-fhs4-fhf4-4p50-en_d.th

Performances according to ISO 9906 - Annex A.

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General Catalogue

FHS4-FHF4 SERIES

HYDRAULIC PERFORMANCE TABLE AT 50 Hz, 4 POLES

1

| PUMP TYPE | RATED POWER | | Q = DELIVERY | | | | | | | | | | | | | | | | | | |
|-------------|-------------|-----|---------------------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | | | v/min 0 | 500 | 583 | 667 | 833 | 1000 | 1500 | 1667 | 1833 | 2333 | 2500 | 3333 | 4167 | 5000 | 6667 | 8333 | 10000 | | |
| | | | m ³ /h 0 | 30 | 35 | 40 | 50 | 60 | 90 | 100 | 110 | 140 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | | |
| kW | | HP | H = TOTAL HEAD METRES COLUMN OF WATER | | | | | | | | | | | | | | | | | | |
| 100-160/22 | 2,2 | 3 | 5,9 | 5,9 | 5,9 | 5,8 | 5,7 | 5,5 | 4,9 | 4,6 | 4,3 | | | | | | | | | | |
| 100-160/30 | 3 | 4 | 8,2 | 8,2 | 8,1 | 8,1 | 8 | 7,9 | 7,2 | 6,9 | 6,5 | 5,1 | | | | | | | | | |
| 100-160/40 | 4 | 5,5 | 10 | 10 | 10 | 10 | 9,9 | 9,7 | 9 | 8,7 | 8,3 | 6,9 | 6,3 | | | | | | | | |
| 100-200/22 | | | 8,5 | | 8,3 | 8,2 | 7,9 | 7,5 | 5,9 | 5,2 | 4,5 | | | | | | | | | | |
| 100-200/40 | 4 | 5,5 | 11,8 | | 11,8 | 11,8 | 11,6 | 11,4 | 10,3 | 9,7 | 9,1 | 6,8 | 5,9 | | | | | | | | |
| 100-200/55 | 5,5 | 7,5 | 14,8 | | 14,7 | 14,7 | 14,7 | 14,5 | 13,8 | 13,5 | 13 | 11,1 | 10,3 | | | | | | | | |
| 100-250/40 | 4 | 5,5 | 12,9 | | | 12,9 | 12,6 | 12,1 | 10,1 | 9,2 | 8,2 | | | | | | | | | | |
| 100-250/55 | 5,5 | 7,5 | 15,9 | | | 15,9 | 15,7 | 15,5 | 14,1 | 13,4 | 12,5 | 9,2 | 7,9 | | | | | | | | |
| 100-250/75 | 7,5 | 10 | 19,5 | | | 19,5 | 19,4 | 19,2 | 18,1 | 17,6 | 16,9 | 14 | 12,7 | | | | | | | | |
| 100-250/110 | 11 | 15 | 24,3 | | | 24,3 | 24,2 | 24,1 | 23,1 | 22,7 | 22,1 | 19,7 | 18,6 | 11,4 | | | | | | | |
| 100-315/150 | 15 | 20 | 29,9 | | | | 29,7 | 29,5 | 28,6 | 28,1 | 27,5 | 25 | 24 | 16,8 | | | | | | | |
| 100-315/185 | 18,5 | 25 | | | | | 34,4 | 34,2 | 33,3 | 32,8 | 32,2 | 30 | 29 | 22,4 | | | | | | | |
| 100-315/220 | 22 | 30 | 37 | | | | 36,8 | 36,7 | 35,9 | 35,5 | 35,1 | 33,2 | 32,4 | 26,6 | | | | | | | |
| 100-400/300 | 30 | 40 | 46,4 | | | | | 46 | 46 | 45 | 44 | 42 | 40 | 29,6 | | | | | | | |
| 100-400/450 | 45 | 60 | 57,1 | | | | | 56,7 | 56 | 56 | 55 | 53 | 52 | 45 | 32,1 | | | | | | |
| 125-200/40 | 4 | 5,5 | 7,9 | | | | | 7,4 | 6,7 | 6,5 | 6,2 | 5,4 | 5,2 | 3,8 | | | | | | | |
| 125-200/55 | 5,5 | 7,5 | 11,4 | | | | | 10,8 | 10,2 | 10 | 9,7 | 8,9 | 8,6 | 6,9 | | | | | | | |
| 125-200/75 | 7,5 | 10 | 14,1 | | | | | 13,6 | 13,1 | 12,9 | 12,7 | 11,9 | 11,6 | 9,6 | | | | | | | |
| 125-250/75 | 7,5 | 10 | 15,4 | | | | | 15,3 | 15 | 14,8 | 14,6 | 13,6 | 13,1 | | | | | | | | |
| 125-250/110 | 11 | 15 | 19,4 | | | | | 19,3 | 19,1 | 19 | 18,9 | 18,1 | 17,8 | 15,3 | 11,7 | | | | | | |
| 125-250/150 | 15 | 20 | 23,2 | | | | | 23,3 | 23,1 | 23 | 22,9 | 22 | 22 | 19,8 | 16,5 | 12,3 | | | | | |
| 125-250/185 | 18,5 | 25 | 25,6 | | | | | 25,5 | 25,5 | 25,4 | 25,3 | 24,9 | 24,7 | 23 | 20,3 | 16,5 | | | | | |
| 125-270/75 | 7,5 | 10 | 14,4 | | | | | 14,4 | 13,9 | 13,7 | 13,5 | 12,6 | 12,2 | 10,1 | 7,3 | | | | | | |
| 125-270/110 | 11 | 15 | 18,0 | | | | | 18,1 | 17,8 | 17,7 | 17,5 | 16,8 | 16,5 | 14,5 | 11,8 | 8,3 | | | | | |
| 125-270/150 | 15 | 20 | 22,6 | | | | | 22,6 | 22,3 | 22,1 | 21,9 | 21,2 | 21 | 19,2 | 16,7 | 13,6 | | | | | |
| 125-315/185 | 18,5 | 25 | 27,3 | | | | | | | 26,9 | 26,7 | 25,9 | 25,6 | 23,3 | 19,7 | 14,9 | | | | | |
| 125-315/220 | 22 | 30 | 30 | | | | | | | 29,7 | 29,6 | 28,9 | 28,6 | 26,5 | 23,2 | 18,4 | | | | | |
| 125-315/300 | 30 | 40 | 35,6 | | | | | | | 35,4 | 35,3 | 34,8 | 34,6 | 32,9 | 30,1 | 26,1 | | | | | |
| 125-315/370 | 37 | 50 | 38,2 | | | | | | | 38 | 37,9 | 37,4 | 37,2 | 35,7 | 33,1 | 29,4 | 17,8 | | | | |
| 125-400/220 | 22 | 30 | 33,4 | | | | | | 32,8 | 32,5 | 32,1 | 30,5 | 29,7 | 24,7 | 17,3 | | | | | | |
| 125-400/300 | 30 | 40 | 41 | | | | | | 41 | 40,5 | 40,3 | 39,2 | 38,6 | 34,4 | 27,5 | 18,3 | | | | | |
| 125-400/450 | 45 | 60 | 51,4 | | | | | | 51 | 50,9 | 50,8 | 50,1 | 49,8 | 47 | 42,2 | 34,8 | | | | | |
| 125-400/550 | 55 | 75 | 56,5 | | | | | | 56,3 | 56,3 | 56,2 | 55,9 | 55,7 | 53,8 | 50,3 | 44,7 | 26,7 | | | | |
| 150-250/150 | 15 | 20 | 17,5 | | | | | | | | | | | 16,8 | 15,9 | 14,7 | 13,2 | 9,2 | | | |
| 150-250/185 | 18,5 | 25 | 21,3 | | | | | | | | | | | 20,8 | 20 | 18,9 | 17,5 | 13,8 | 8,7 | | |
| 150-250/220 | 22 | 30 | 24 | | | | | | | | | | | 23,6 | 23 | 22 | 20,8 | 17,1 | 12 | | |
| 150-250/300 | 30 | 40 | 25,5 | | | | | | | | | | | 25 | 24,5 | 23,5 | 22 | 18,8 | 13,8 | | |
| 150-315/300 | 30 | 40 | 30,2 | | | | | | | | | | | 29,7 | 29 | 27,9 | 26,4 | 22,3 | | | |
| 150-315/370 | 37 | 50 | 33,6 | | | | | | | | | | | 33,5 | 32,7 | 31,7 | 30,4 | 26,7 | 21,4 | | |
| 150-315/450 | 45 | 60 | 37,7 | | | | | | | | | | | 37,6 | 36,9 | 35,9 | 34,7 | 31,3 | 26,5 | | |
| 150-315/550 | 55 | 75 | 40 | | | | | | | | | | | 40 | 39,3 | 38,4 | 37,2 | 33,9 | 29,4 | | |
| 150-400/300 | 30 | 40 | 32,9 | | | | | | | | | | | 32 | 31,7 | 30,2 | 28,2 | 25,5 | 18,6 | | |
| 150-400/370 | 37 | 50 | 38,3 | | | | | | | | | | | 37,5 | 37,3 | 36 | 34 | 31,4 | 24,3 | | |
| 150-400/450 | 45 | 60 | 42,8 | | | | | | | | | | | 42,2 | 42 | 41 | 39 | 36,6 | 30 | 21,2 | |
| 150-400/550 | 55 | 75 | 48,2 | | | | | | | | | | | 47,7 | 48 | 46 | 45 | 42 | 36,8 | 29,2 | |
| 150-400/750 | 75 | 100 | 55,4 | | | | | | | | | | | 55 | 55 | 54 | 53 | 51 | 47 | 41 | 32,2 |
| 150-400/900 | 90 | 120 | 59,5 | | | | | | | | | | | 59 | 59 | 58 | 57 | 56 | 52 | 46 | 37,7 |

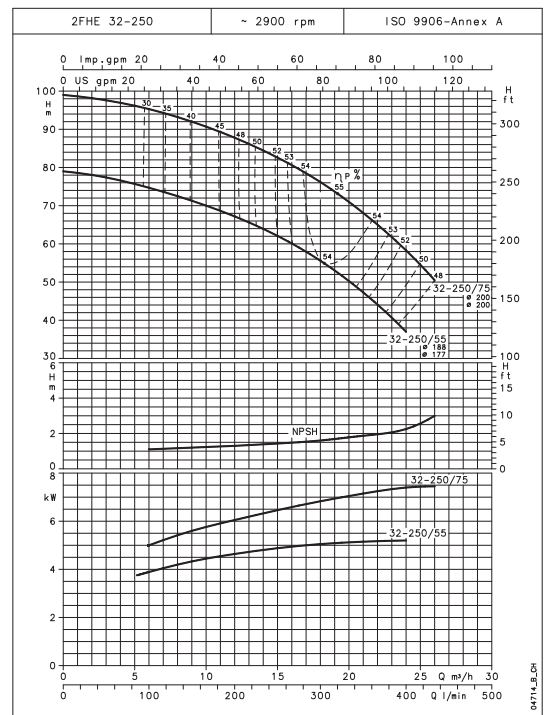
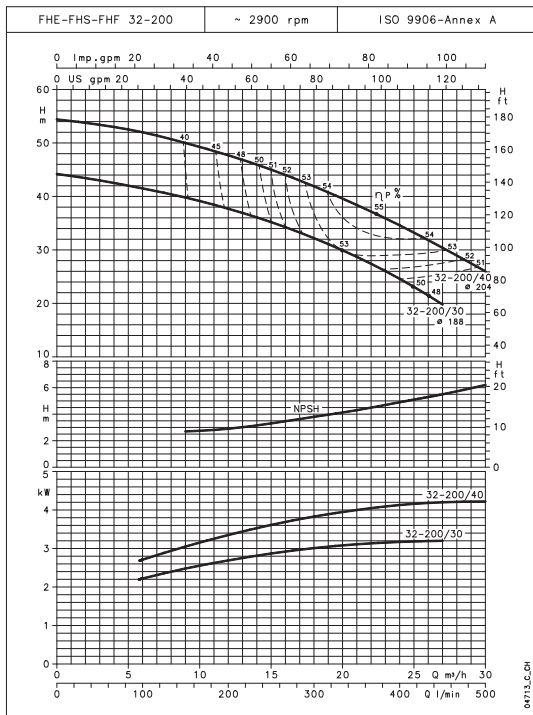
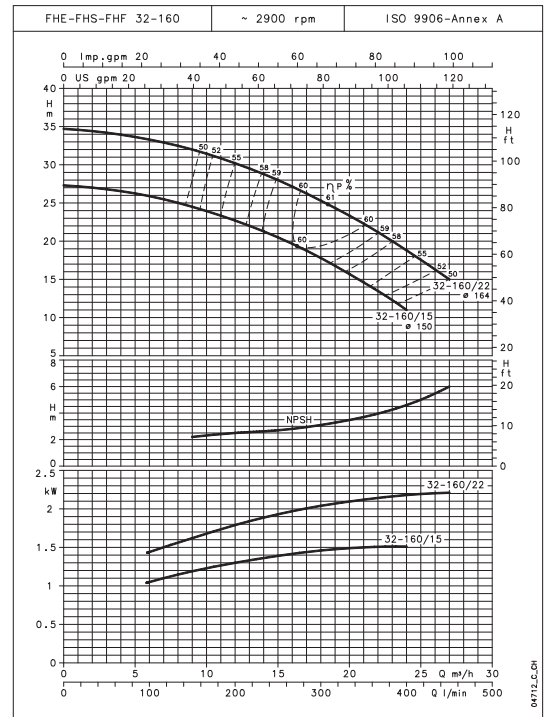
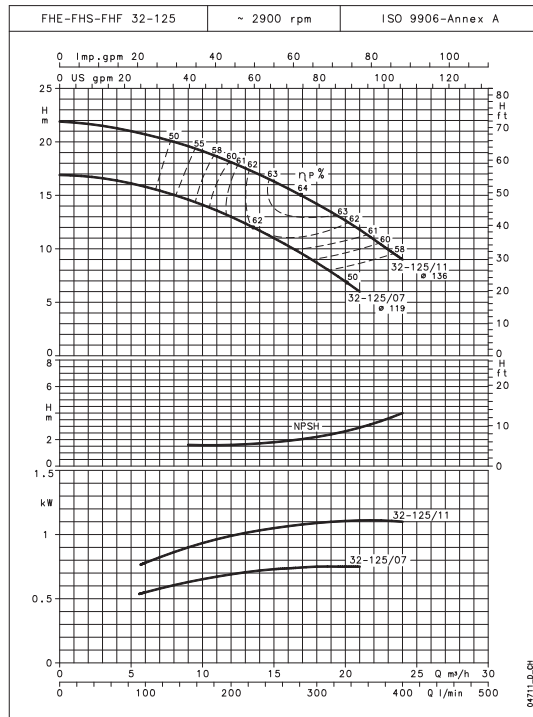
Performances according to ISO 9906 - Annex A.

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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



These NPSH values are valid in laboratory conditions; for practical purposes, values should be increased by a 0.5 m safety margin. These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

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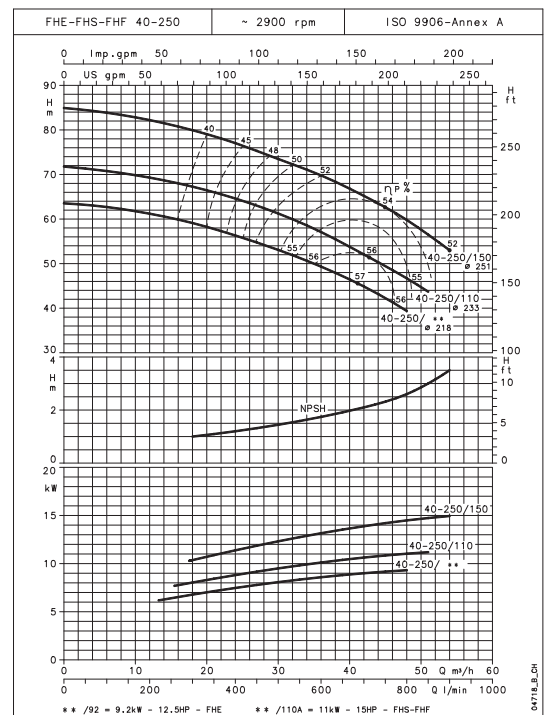
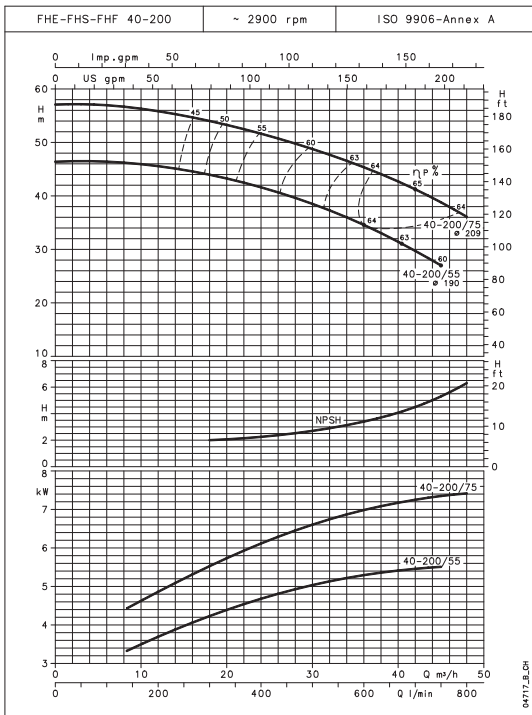
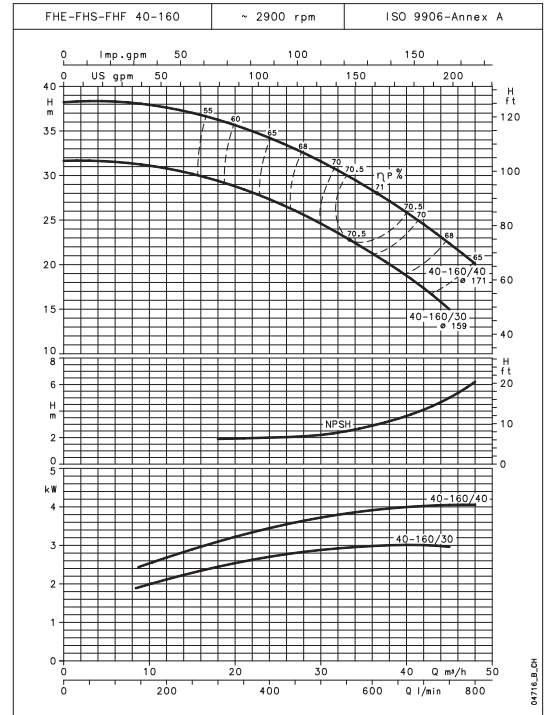
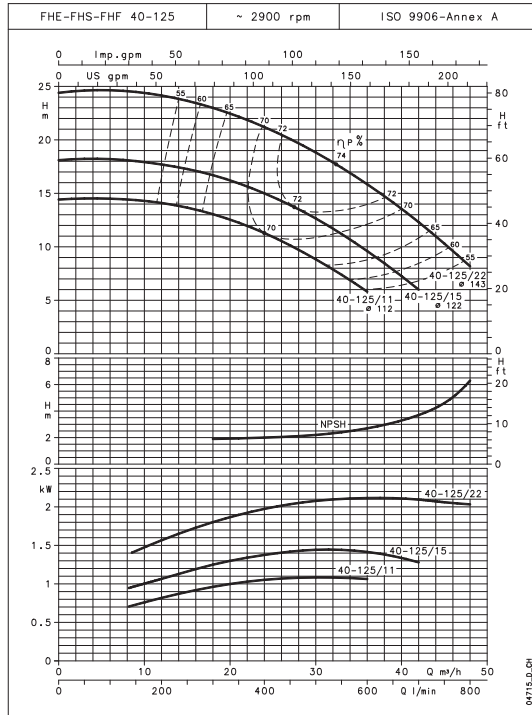
ITT

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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

1



These NPSH values are valid in laboratory conditions; for practical purposes, values should be increased by a 0.5 m safety margin. These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

Engineered for life

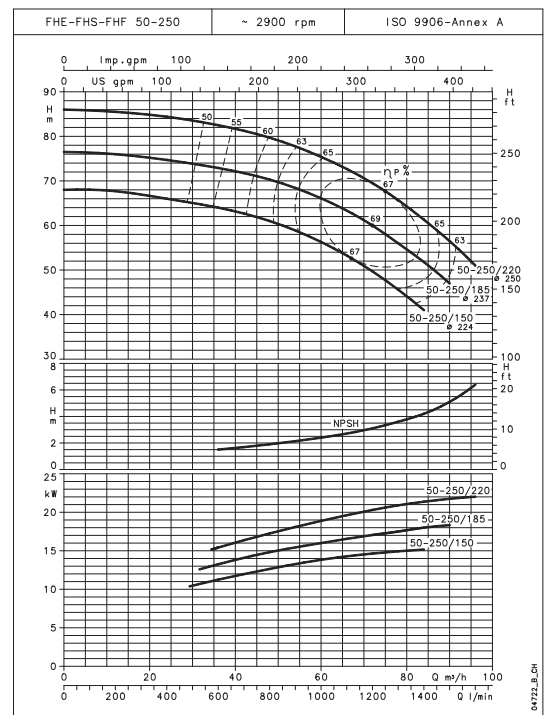
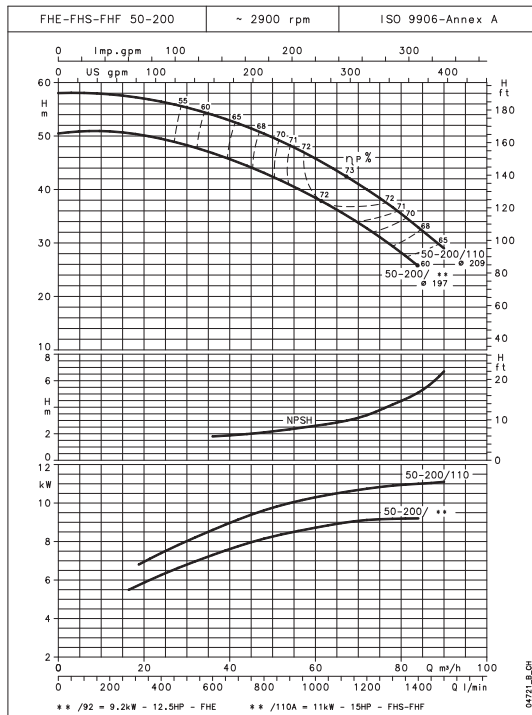
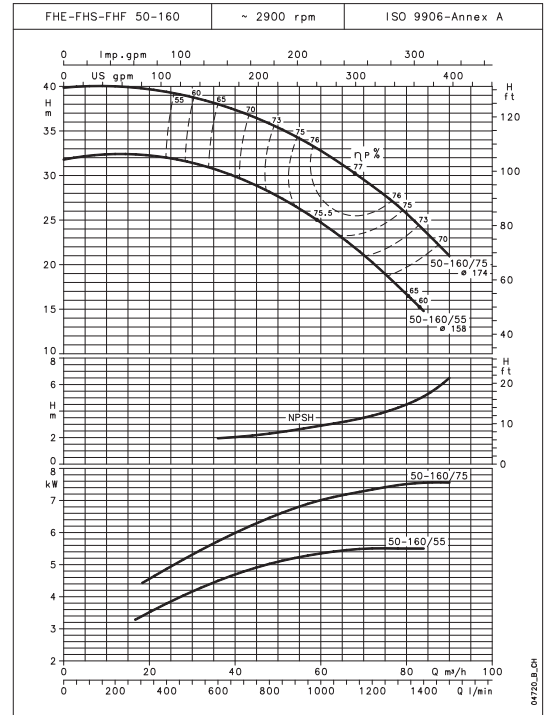
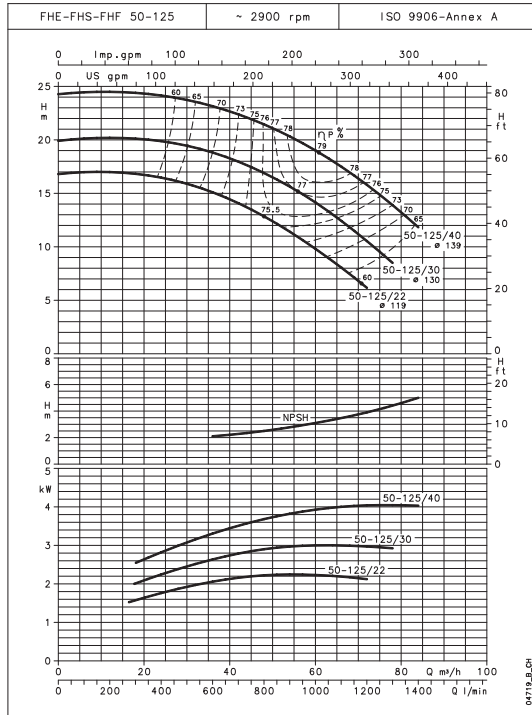


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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



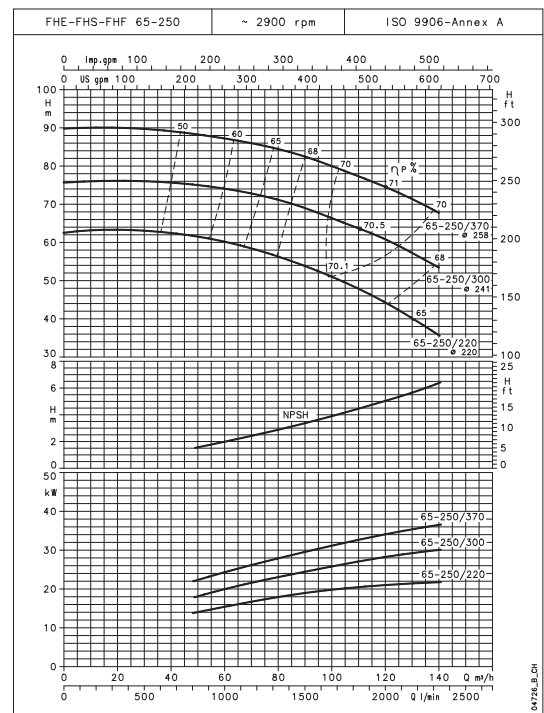
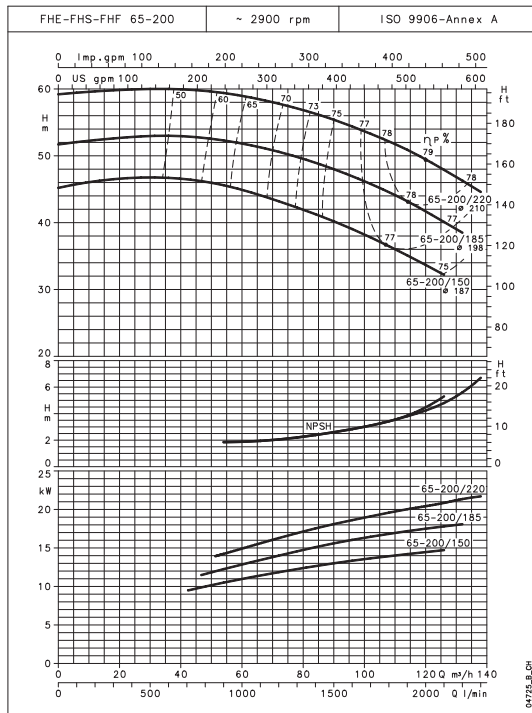
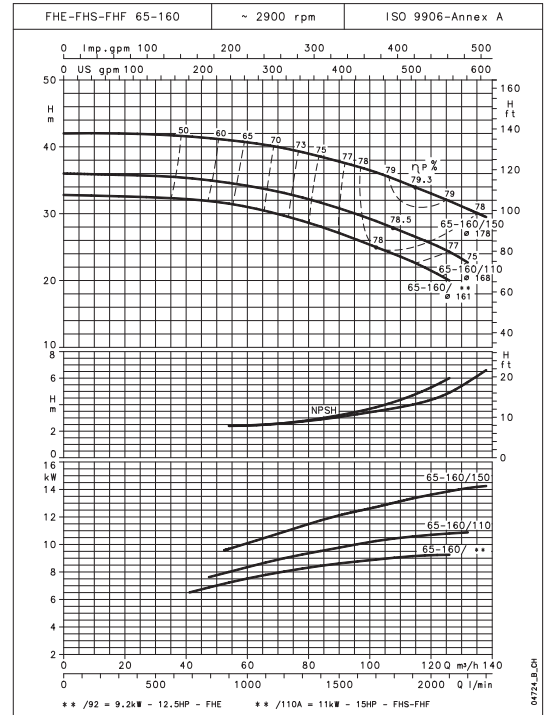
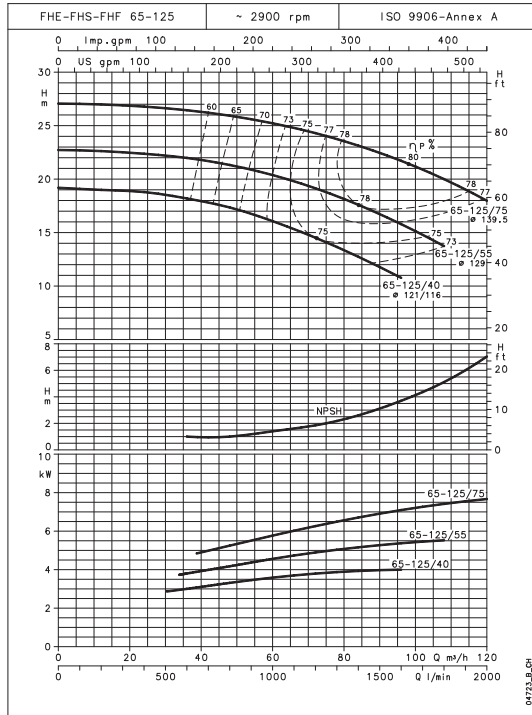
These NPSH values are valid in laboratory conditions; for practical purposes, values should be increased by a 0.5 m safety margin. These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

Engineered for life



FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

1



These NPSH values are valid in laboratory conditions; for practical purposes, values should be increased by a 0.5 m safety margin. These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

Engineered for life



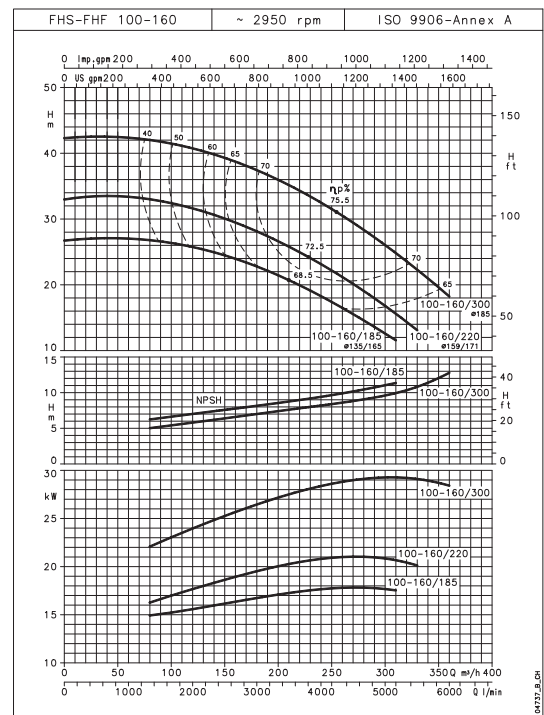
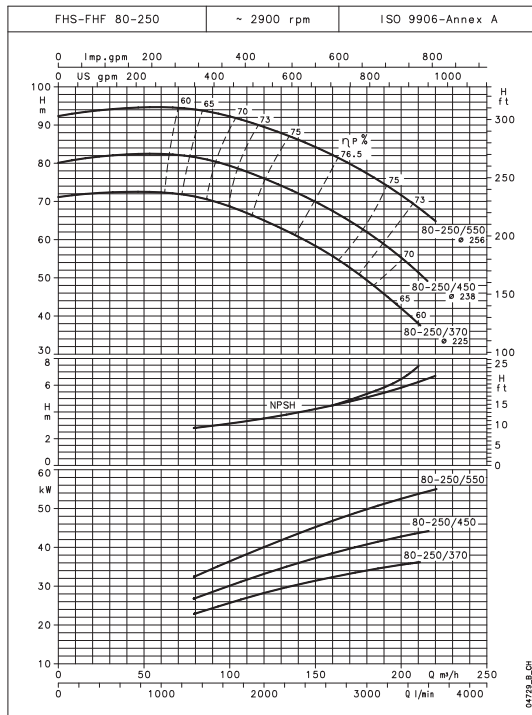
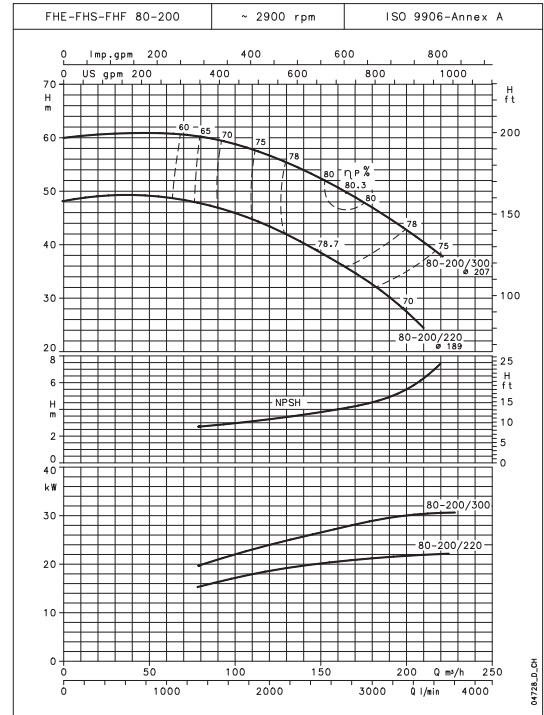
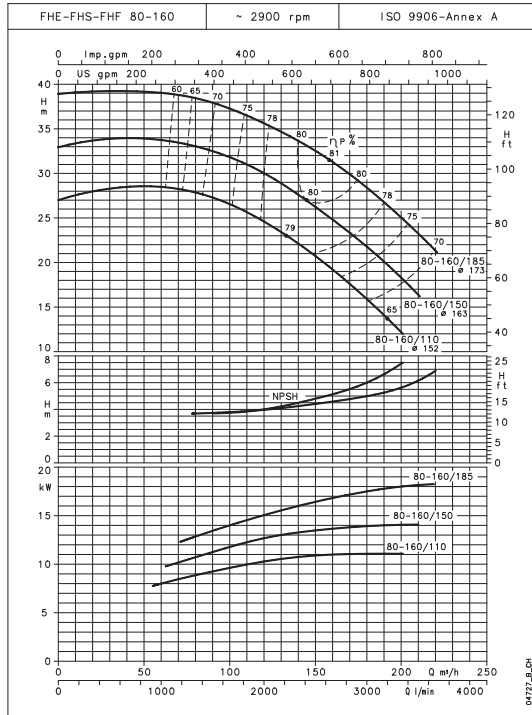
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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

1



These NPSH values are valid in laboratory conditions; for practical purposes, values should be increased by a 0.5 m safety margin. These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$.

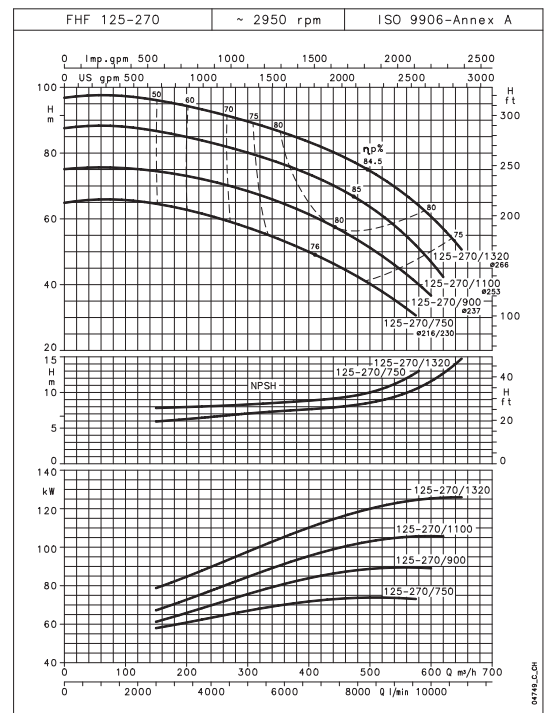
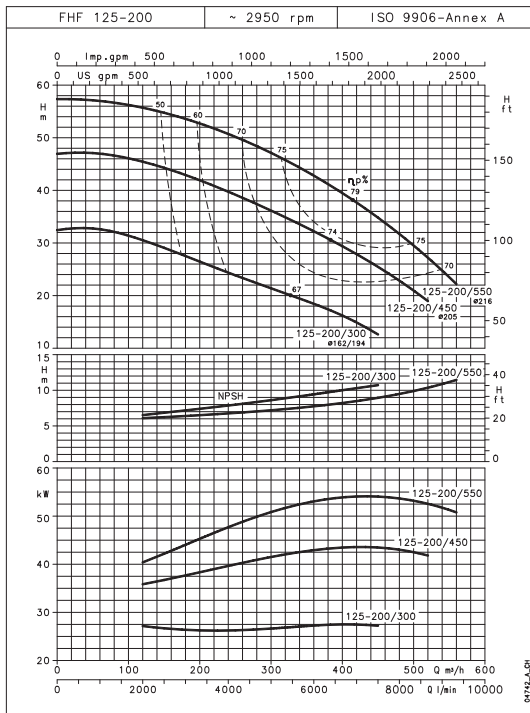
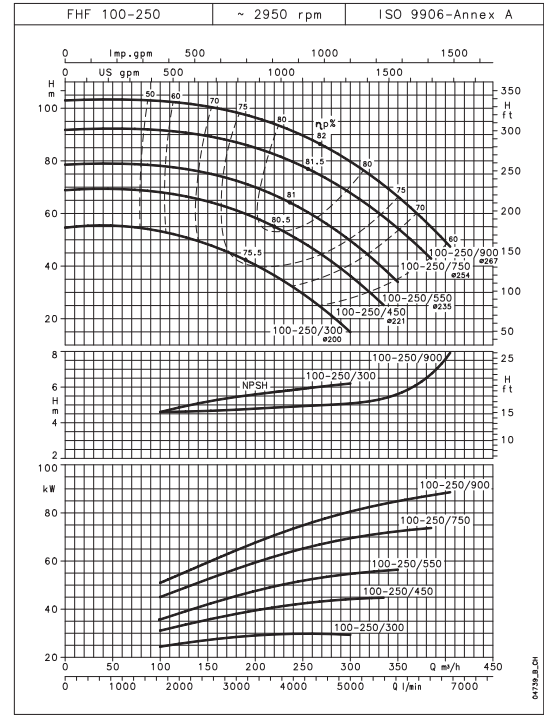
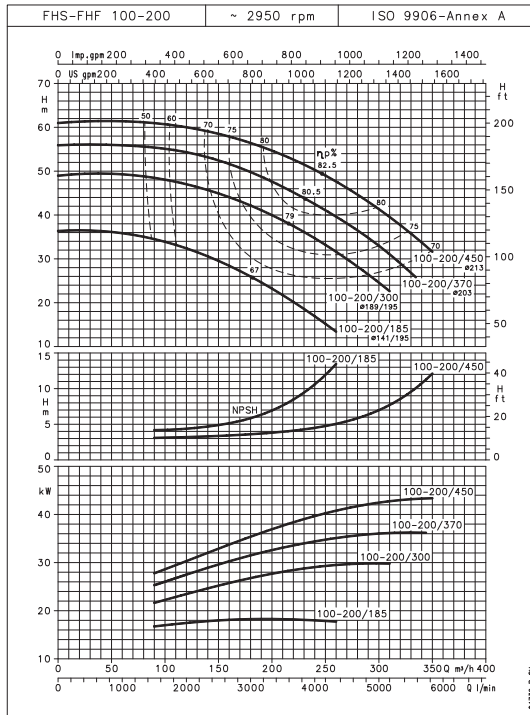
Engineered for life



General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES

1



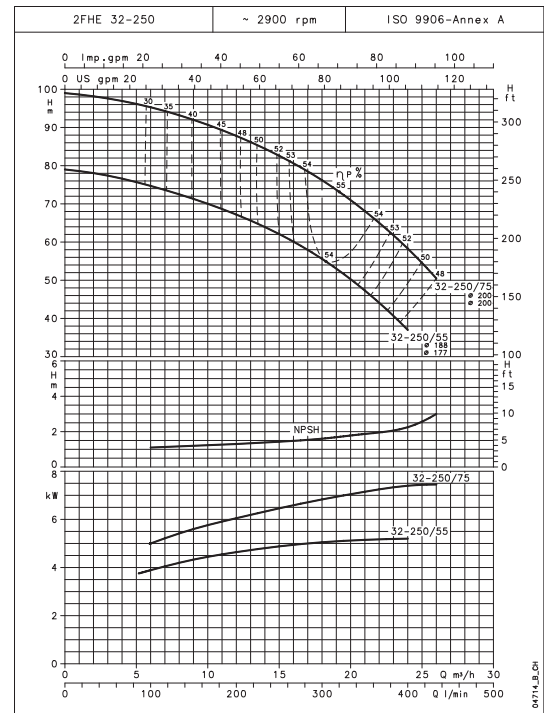
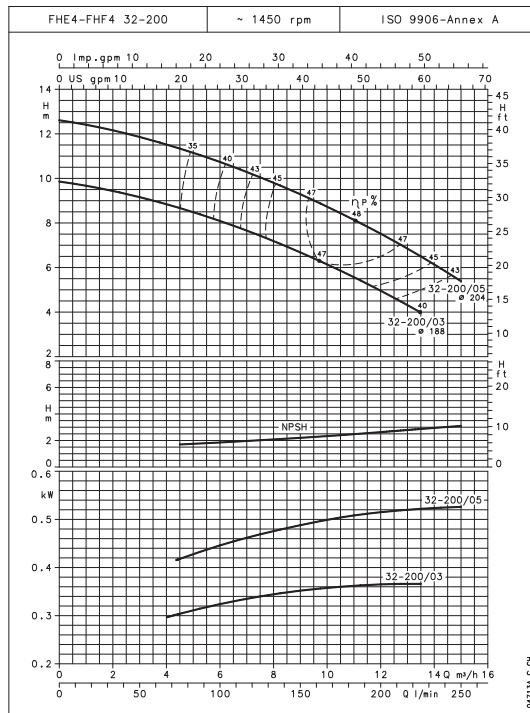
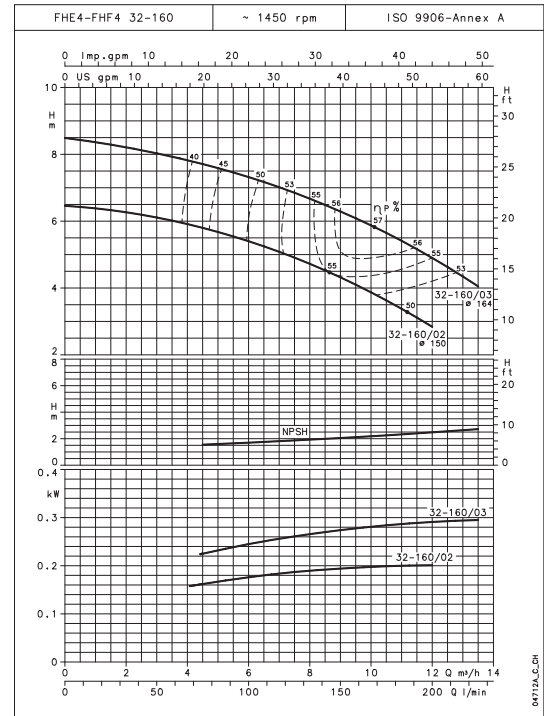
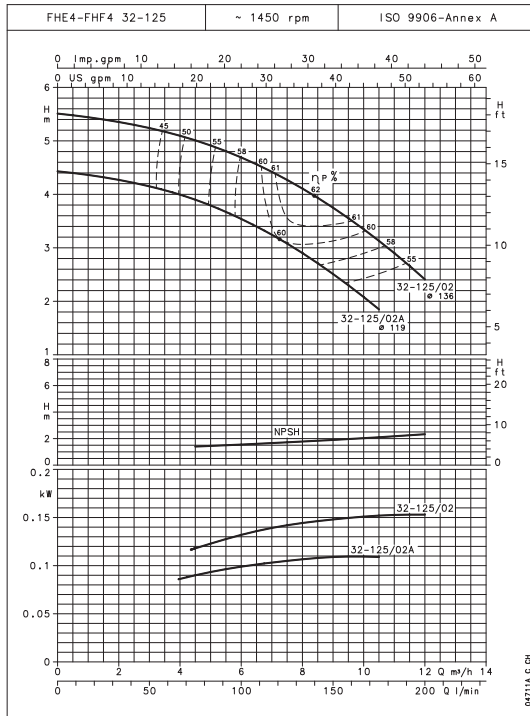
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Engineered for life



General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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Engineered for life



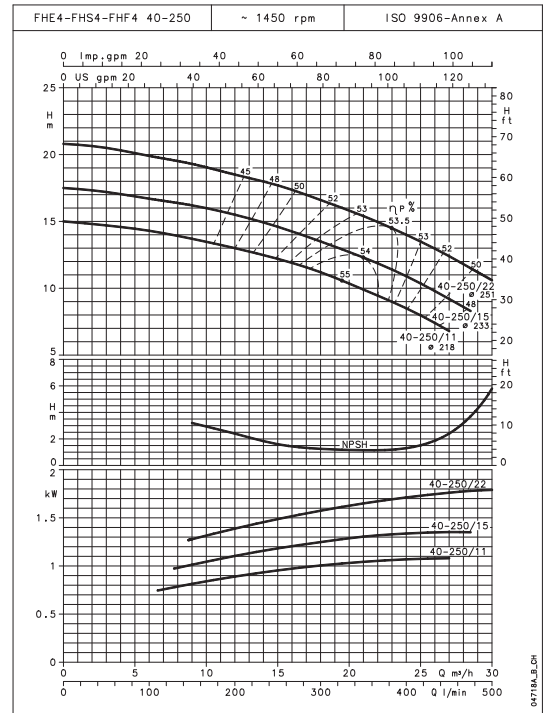
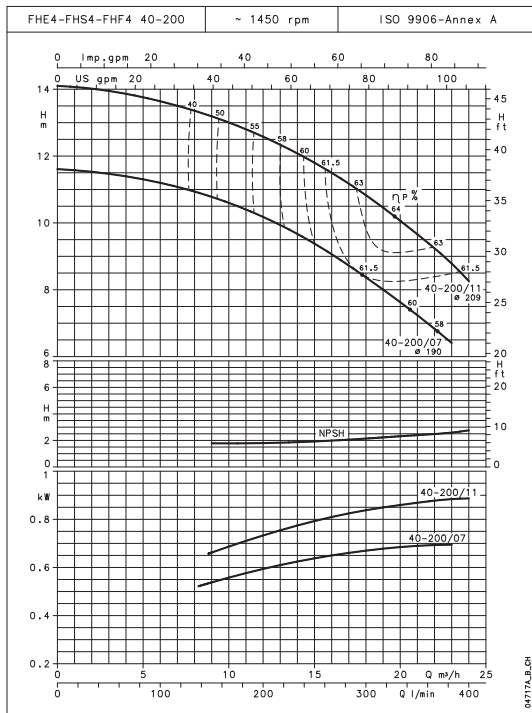
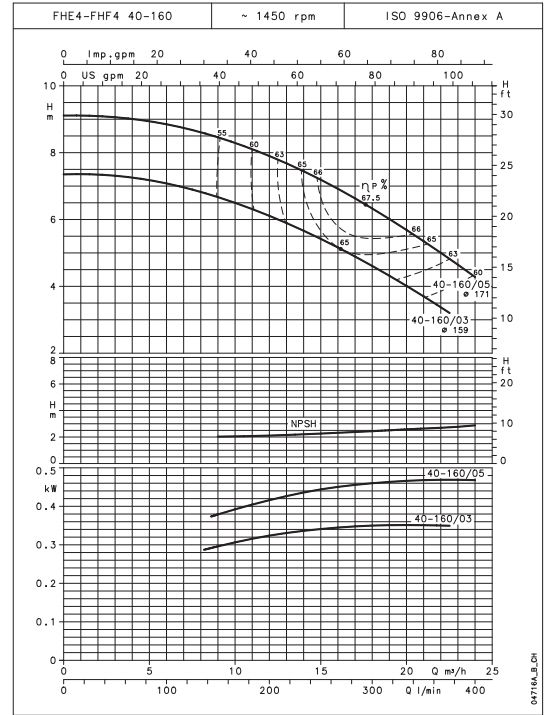
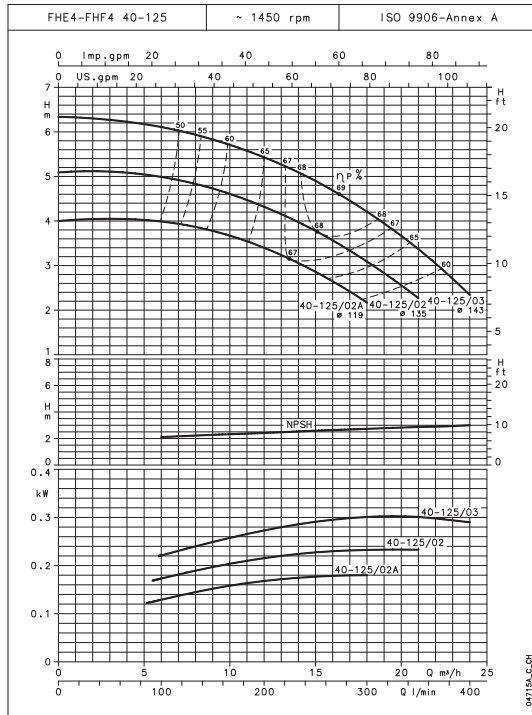
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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

1



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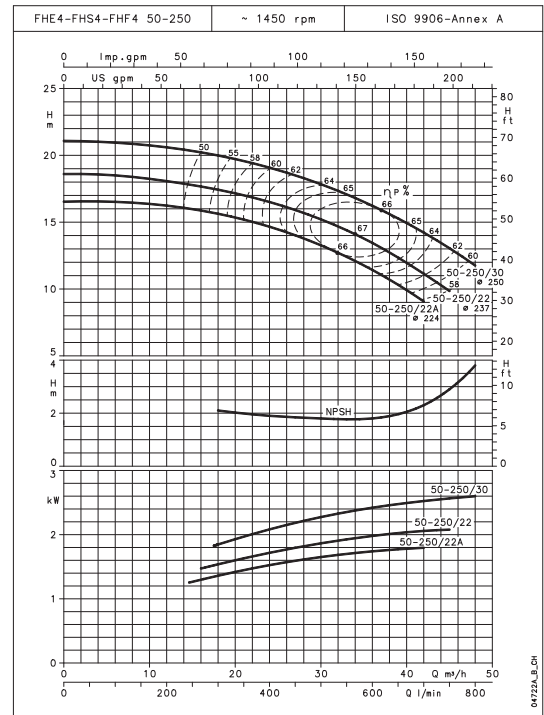
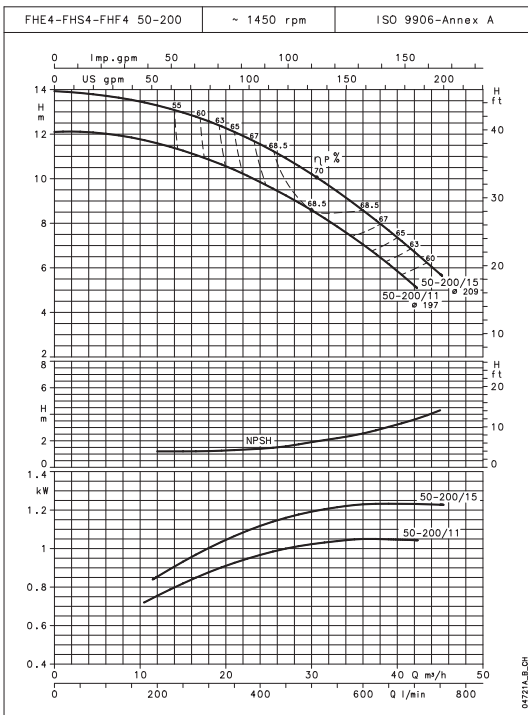
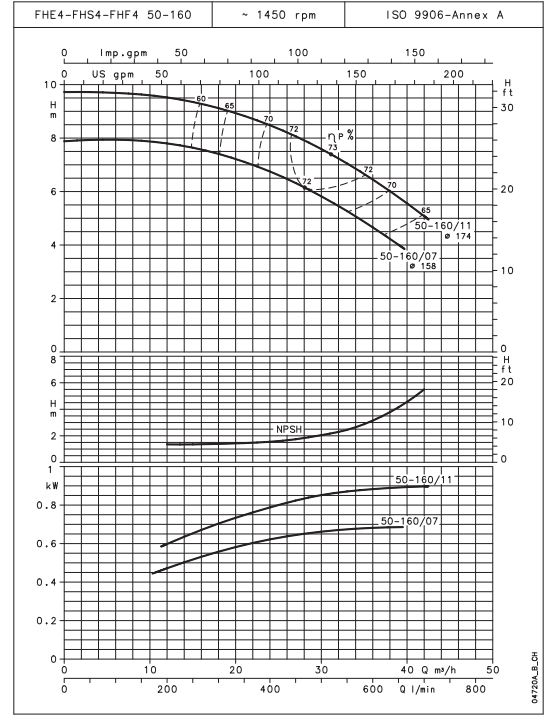
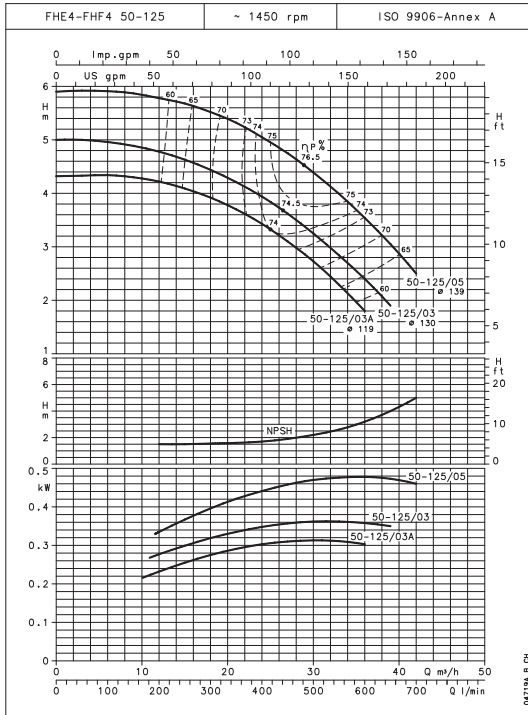
Engineered for life



General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

1



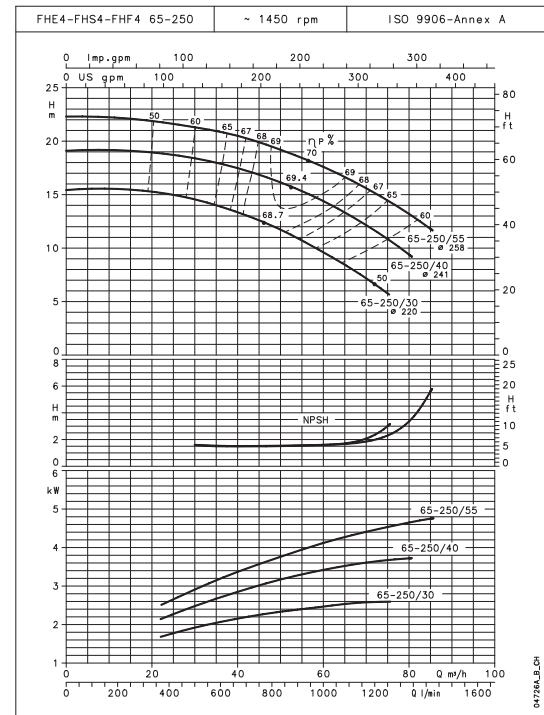
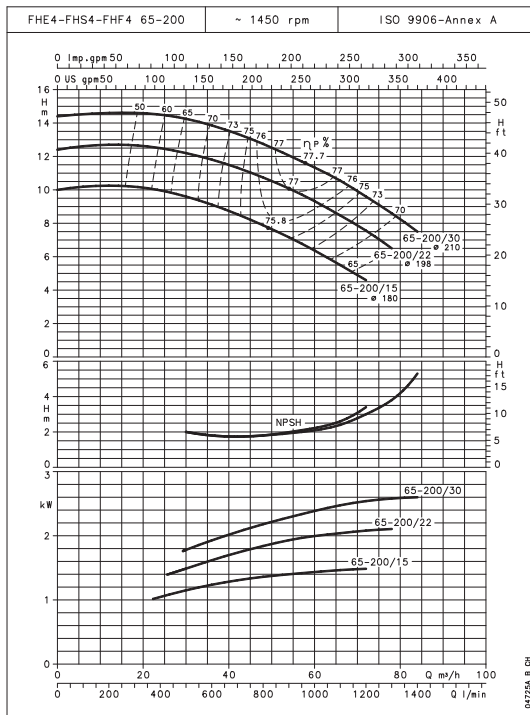
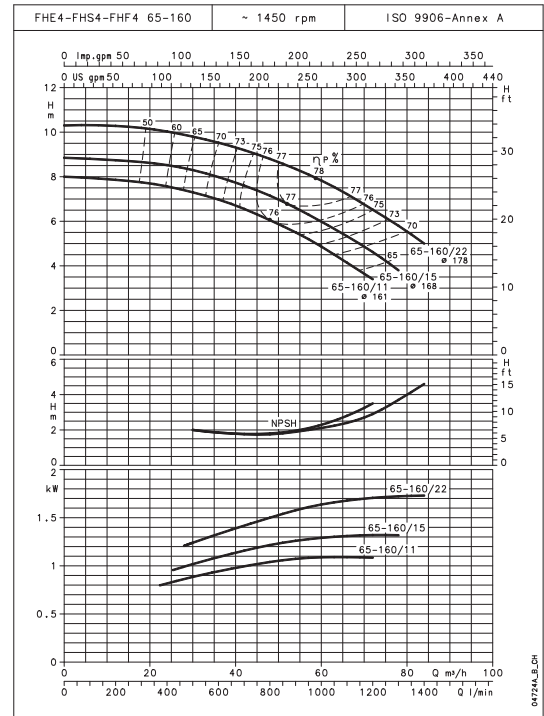
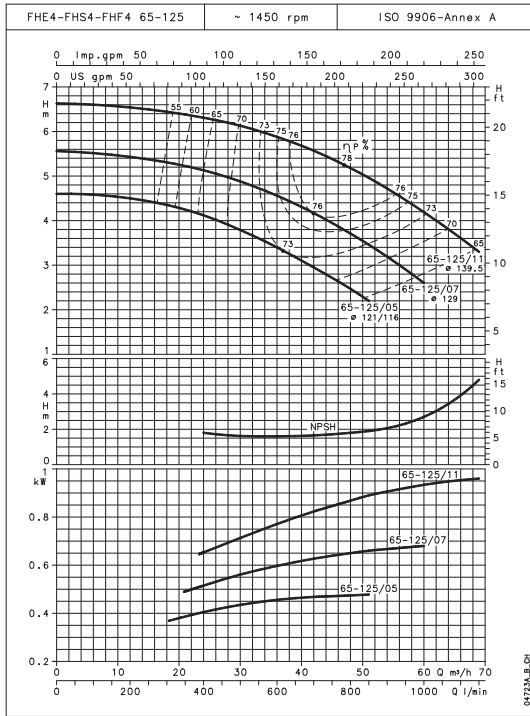
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FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

1



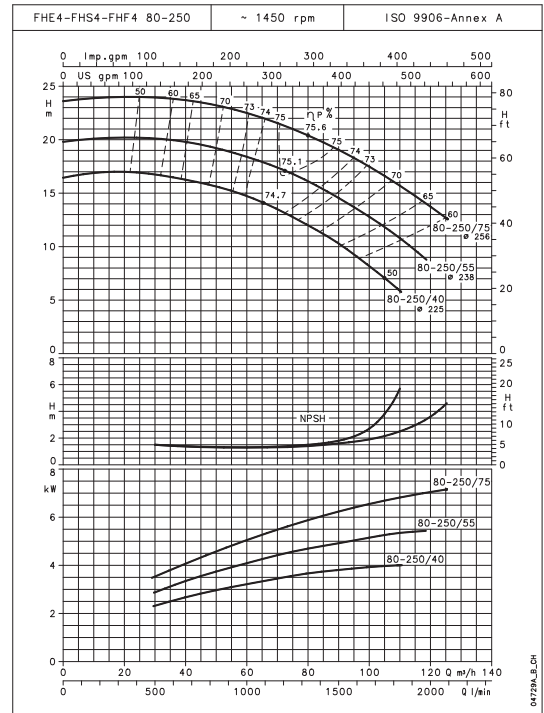
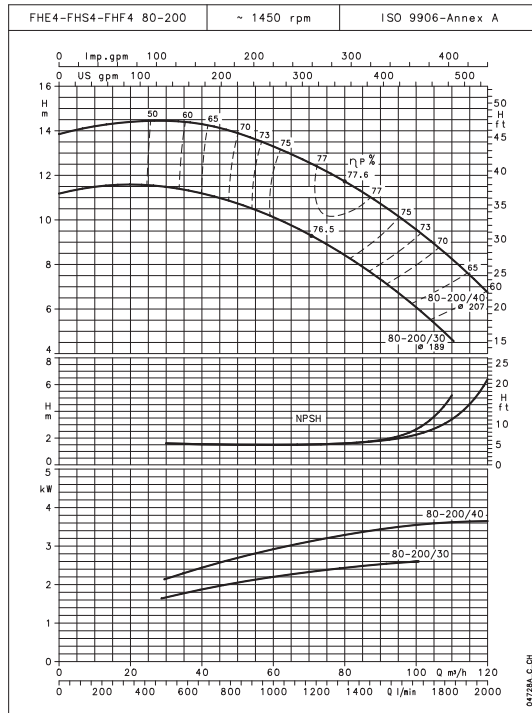
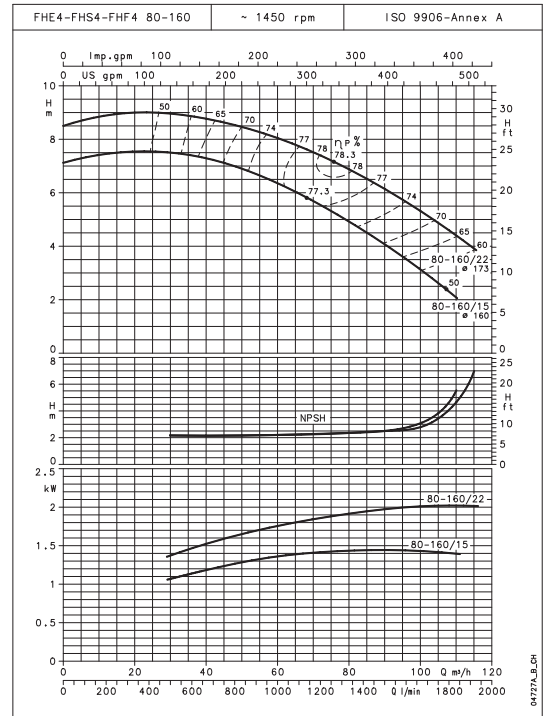
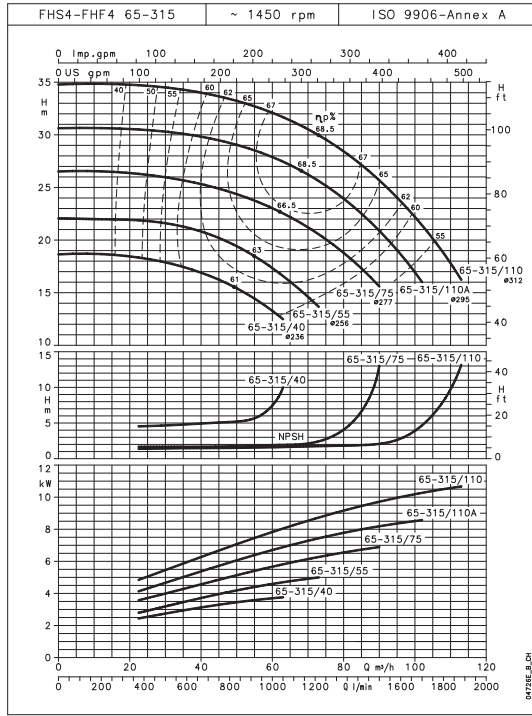
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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



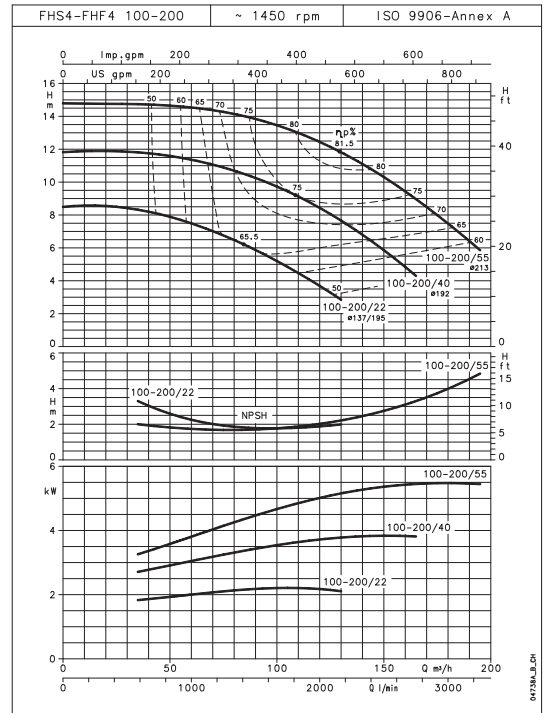
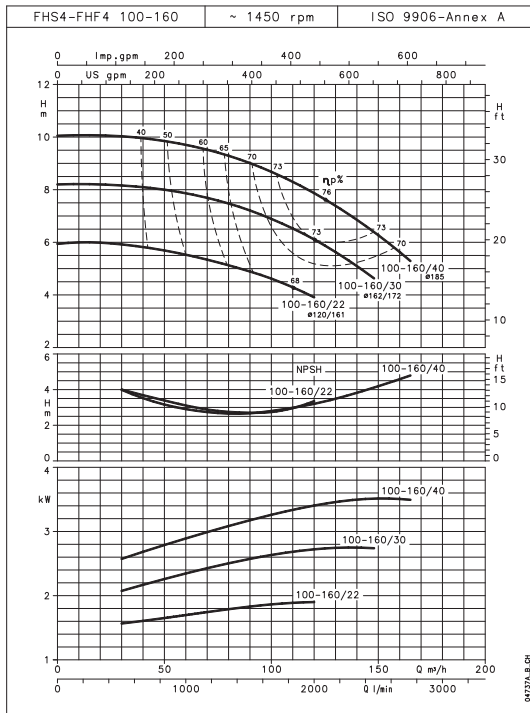
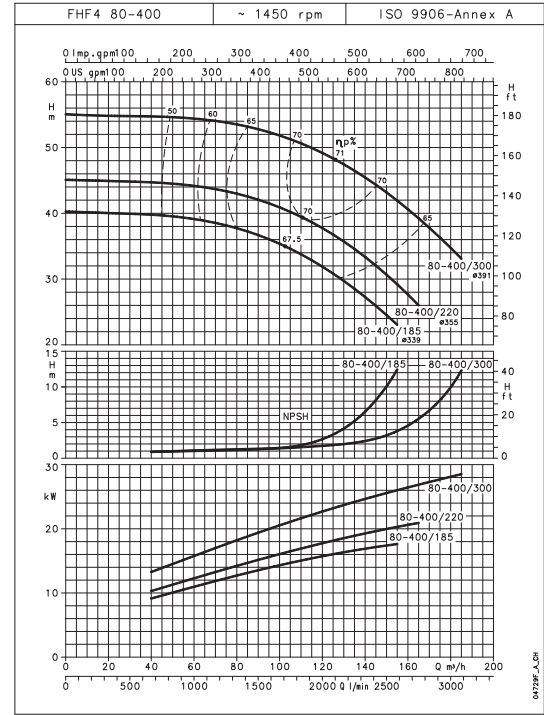
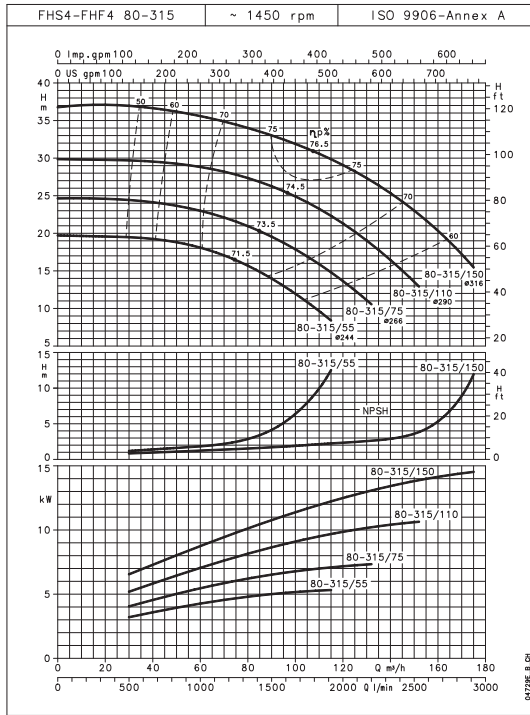
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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



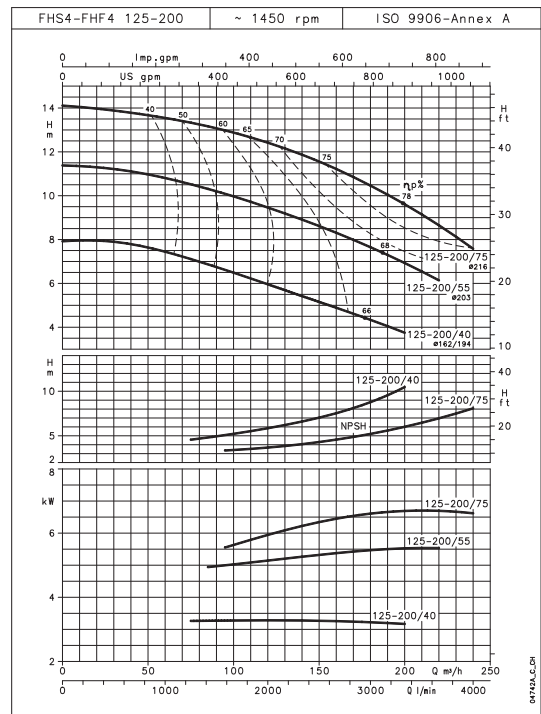
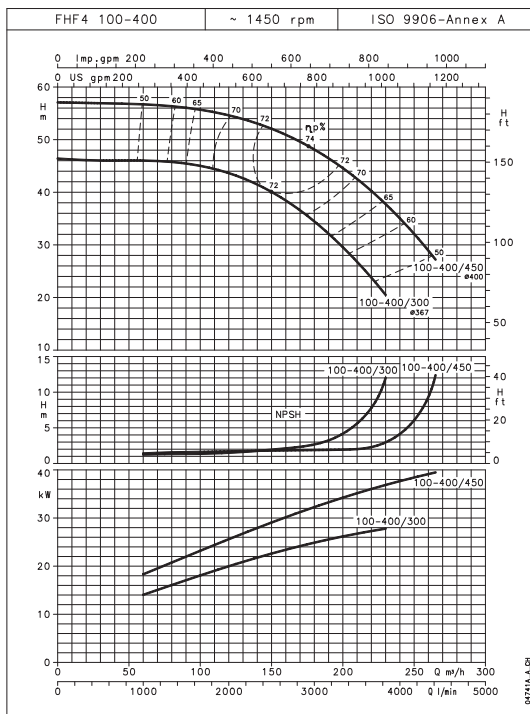
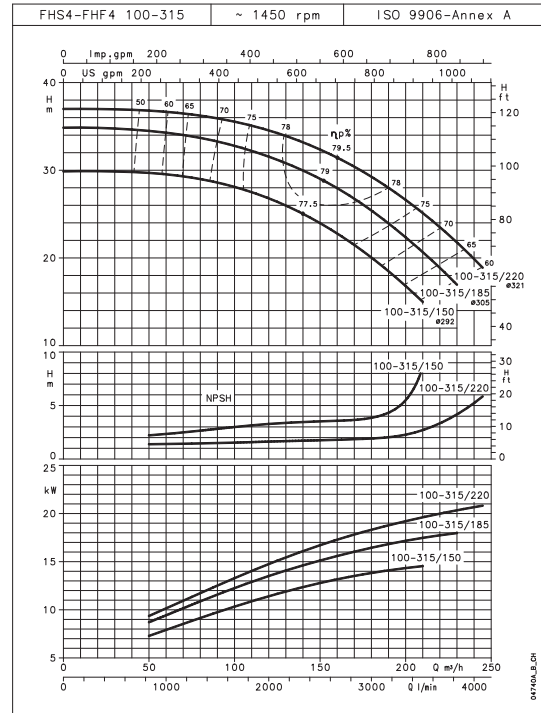
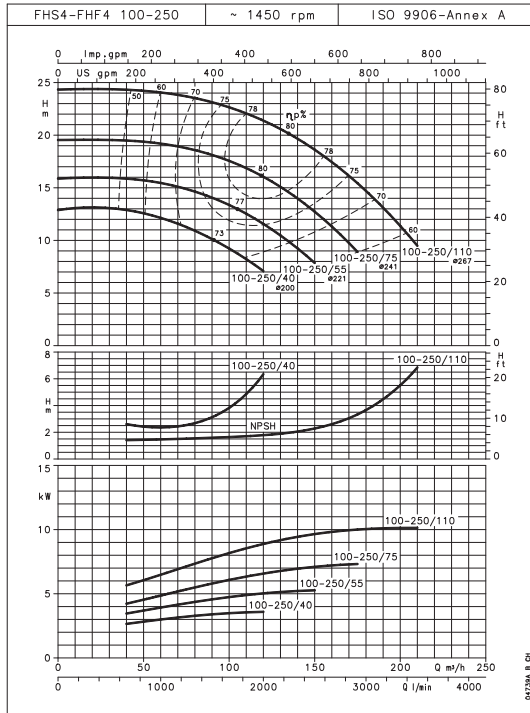
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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES



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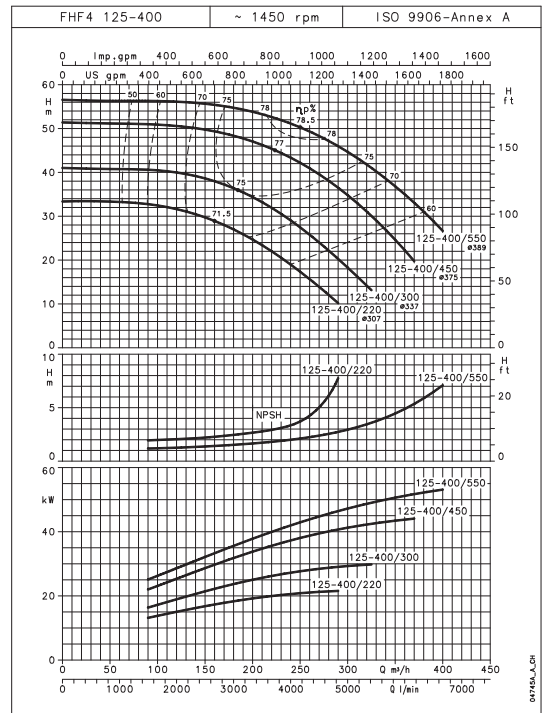
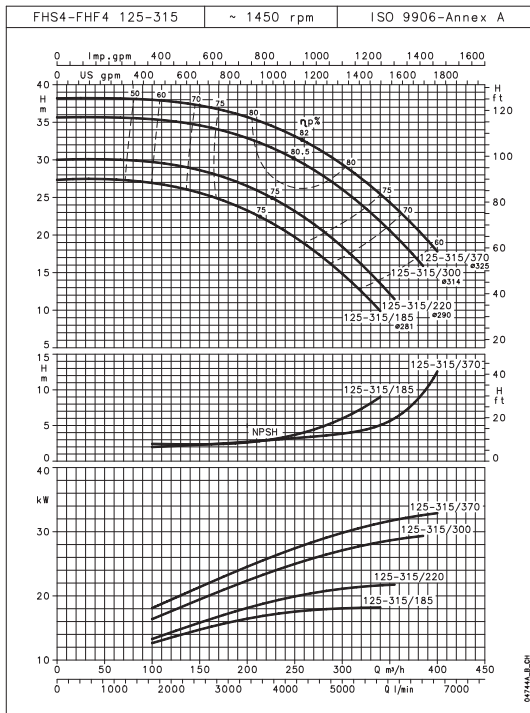
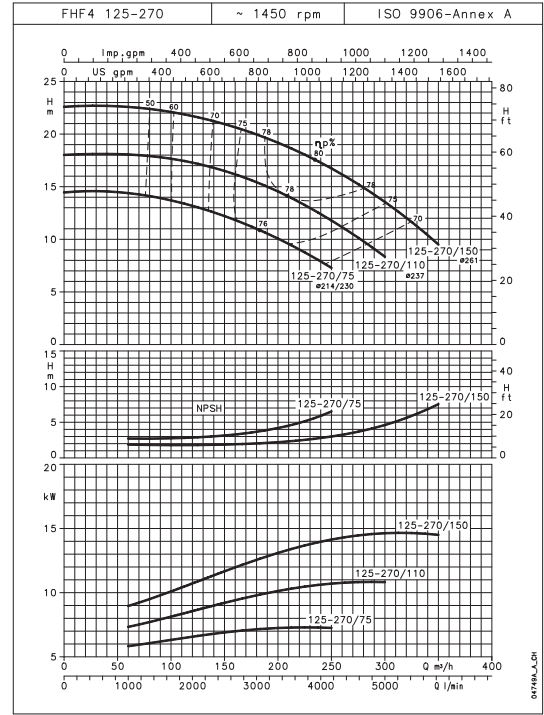
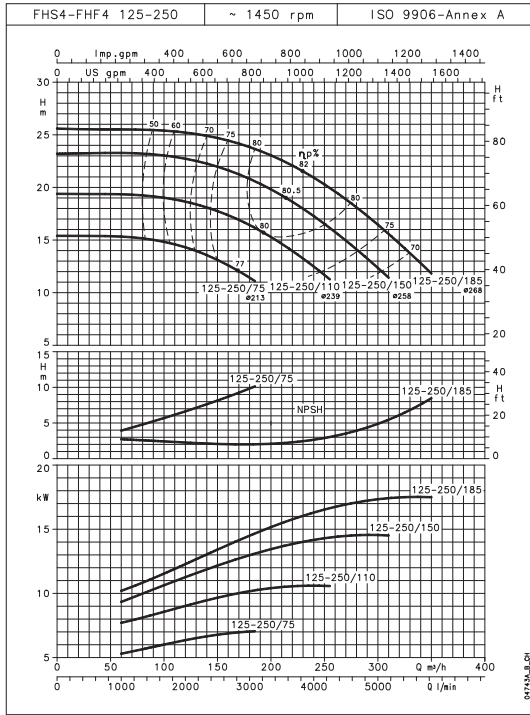
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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

1



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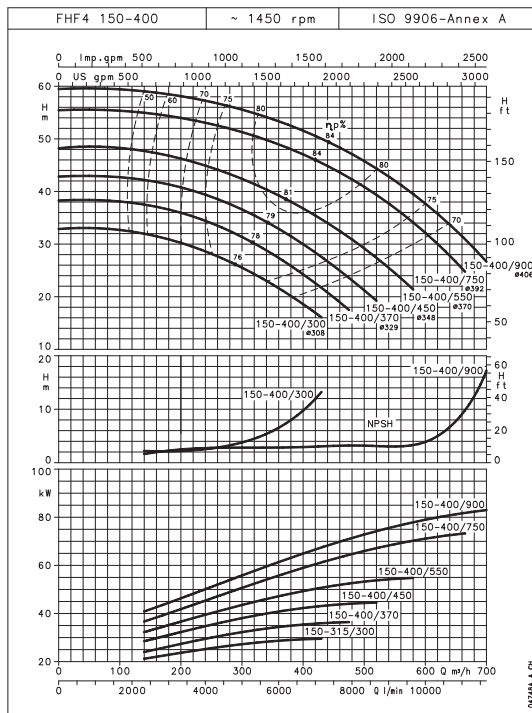
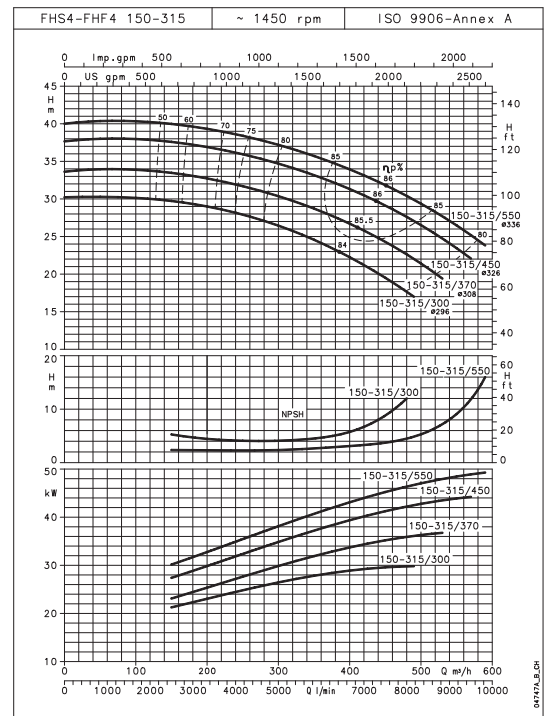
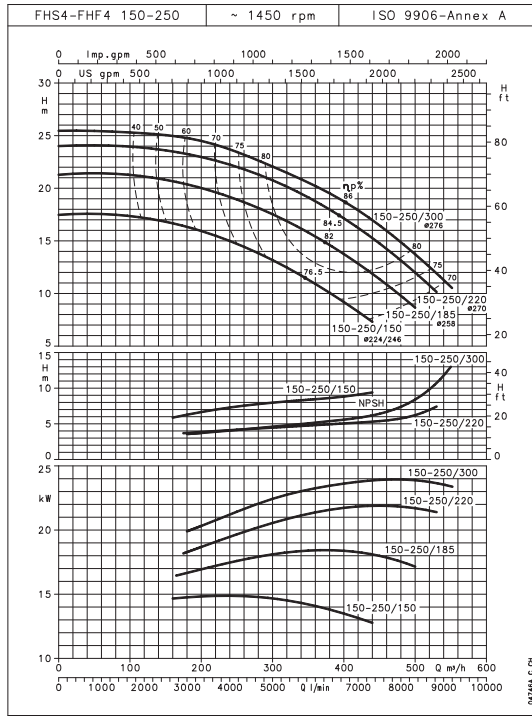
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General Catalogue

FH SERIES – OPERATING CHARACTERISTICS AT 50 Hz, 4 POLES

1

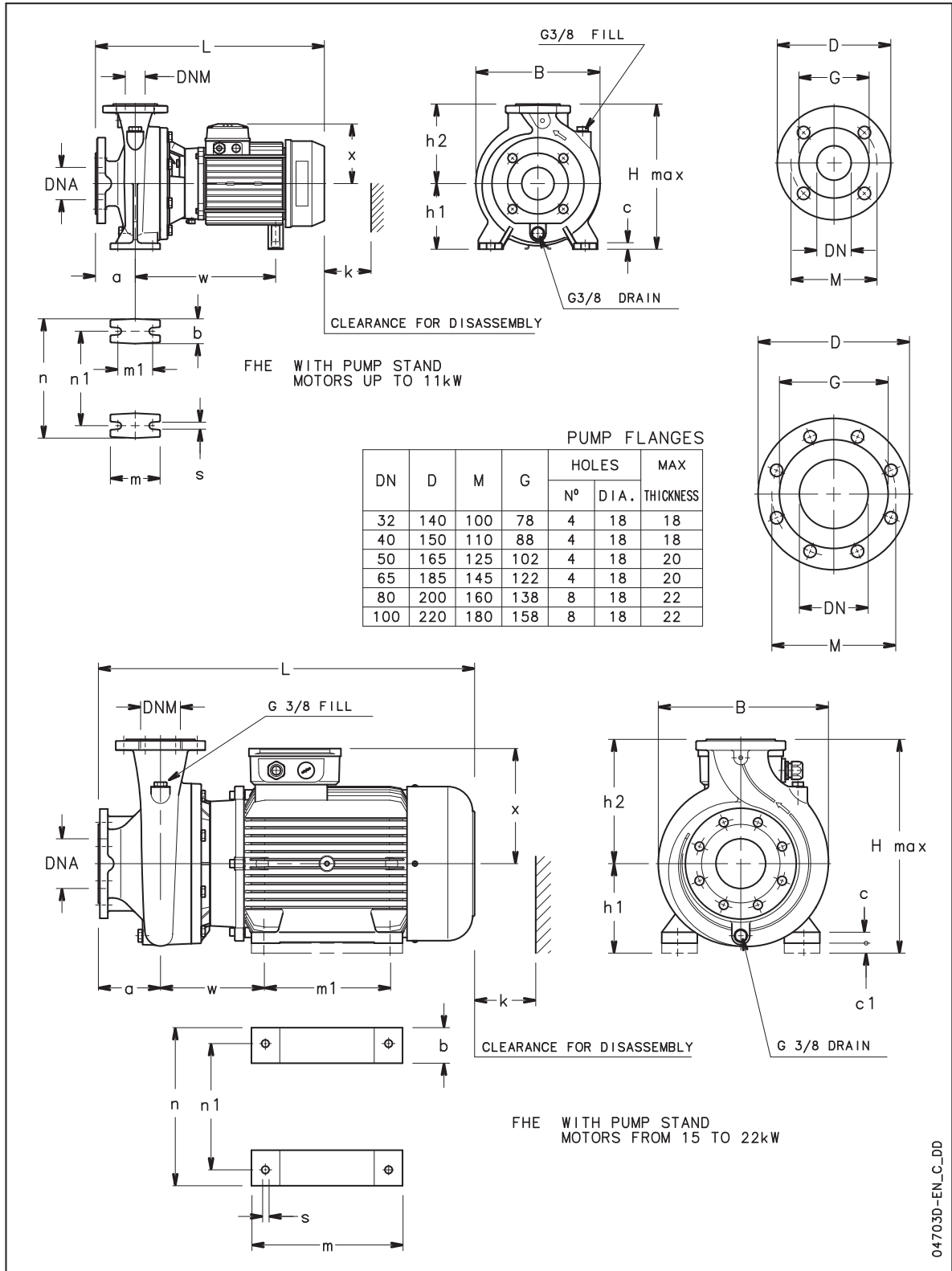


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FHE SERIES - DIMENSIONS AND WEIGHTS, 2 POLES





General Catalogue

FHE SERIES - DIMENSIONS AND WEIGHTS, 2 POLES

1

| PUMP TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | | | B | H max | L | k | WEIGHT kg |
|----------------|-----------------|-----|-----|-----|-----|-----|-------|----|----|-----|-----|-----|-----|-----|----|-----|----------|-----|-----|--------------|
| | PUMP | | | | | | STAND | | | | | | | | | | | | | |
| | DNM | DNA | a | h2 | w | x | b | c | c1 | h1 | m | m1 | n | n1 | s | | | | | |
| FHE 32-125/07 | 32 | 50 | 80 | 140 | 235 | 129 | 50 | 12 | - | 112 | 100 | 70 | 190 | 140 | 14 | 233 | 252 | 443 | 86 | 27 |
| FHE 32-125/11 | 32 | 50 | 80 | 140 | 235 | 129 | 50 | 12 | - | 112 | 100 | 70 | 190 | 140 | 14 | 233 | 252 | 443 | 86 | 28 |
| FHE 32-160/15 | 32 | 50 | 80 | 160 | 235 | 129 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 235 | 292 | 443 | 86 | 31 |
| FHE 32-160/22 | 32 | 50 | 80 | 160 | 235 | 129 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 235 | 292 | 443 | 86 | 34 |
| FHE 32-200/30 | 32 | 50 | 80 | 180 | 245 | 134 | 50 | 12 | - | 160 | 100 | 70 | 240 | 190 | 14 | 285 | 340 | 478 | 86 | 47 |
| FHE 32-200/40 | 32 | 50 | 80 | 180 | 273 | 154 | 50 | 12 | - | 160 | 100 | 70 | 240 | 190 | 14 | 285 | 340 | 499 | 86 | 54 |
| FHE 40-125/11 | 40 | 65 | 80 | 140 | 235 | 129 | 50 | 12 | - | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 443 | 88 | 29,8 |
| FHE 40-125/15 | 40 | 65 | 80 | 140 | 235 | 129 | 50 | 12 | - | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 443 | 88 | 31 |
| FHE 40-125/22 | 40 | 65 | 80 | 140 | 235 | 129 | 50 | 12 | - | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 443 | 88 | 33 |
| FHE 40-160/30 | 40 | 65 | 80 | 160 | 245 | 134 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 250 | 292 | 478 | 88 | 40 |
| FHE 40-160/40 | 40 | 65 | 80 | 160 | 273 | 154 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 250 | 292 | 499 | 88 | 47 |
| FHE 40-200/55 | 40 | 65 | 100 | 180 | 285 | 168 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 553 | 88 | 62 |
| FHE 40-200/75 | 40 | 65 | 100 | 180 | 305 | 191 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 351 | 567 | 88 | 79 |
| FHE 40-250/92 | 40 | 65 | 100 | 225 | 343 | 191 | 65 | 14 | - | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 605 | 107 | 96 |
| FHE 40-250/110 | 40 | 65 | 100 | 225 | 343 | 191 | 65 | 14 | - | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 605 | 107 | 104 |
| FHE 40-250/150 | 40 | 65 | 100 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 335 | 420 | 694 | 107 | 128 |
| FHE 50-125/22 | 50 | 65 | 100 | 160 | 237 | 129 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 463 | 92 | 37 |
| FHE 50-125/30 | 50 | 65 | 100 | 160 | 247 | 134 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 500 | 92 | 43 |
| FHE 50-125/40 | 50 | 65 | 100 | 160 | 275 | 154 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 521 | 92 | 50 |
| FHE 50-160/55 | 50 | 65 | 100 | 180 | 287 | 168 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 555 | 92 | 71 |
| FHE 50-160/75 | 50 | 65 | 100 | 180 | 307 | 191 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 351 | 569 | 92 | 87 |
| FHE 50-200/92 | 50 | 65 | 100 | 200 | 345 | 191 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 305 | 360 | 607 | 92 | 86 |
| FHE 50-200/110 | 50 | 65 | 100 | 200 | 345 | 191 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 305 | 360 | 607 | 92 | 91 |
| FHE 50-250/150 | 50 | 65 | 100 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 340 | 420 | 694 | 107 | 128 |
| FHE 50-250/185 | 50 | 65 | 100 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 340 | 420 | 694 | 107 | 131 |
| FHE 50-250/220 | 50 | 65 | 100 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 340 | 420 | 694 | 107 | 151 |
| FHE 65-125/40 | 65 | 80 | 100 | 180 | 275 | 154 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 521 | 105 | 69 |
| FHE 65-125/55 | 65 | 80 | 100 | 180 | 287 | 168 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 555 | 105 | 75 |
| FHE 65-125/75 | 65 | 80 | 100 | 180 | 307 | 191 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 351 | 569 | 105 | 91 |
| FHE 65-160/92 | 65 | 80 | 100 | 200 | 343 | 191 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 605 | 112 | 100 |
| FHE 65-160/110 | 65 | 80 | 100 | 200 | 343 | 191 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 605 | 112 | 108 |
| FHE 65-160/150 | 65 | 80 | 100 | 200 | 208 | 240 | 49 | 5 | - | 160 | 304 | 210 | 304 | 254 | 15 | 331 | 400 | 694 | 112 | 132 |
| FHE 65-200/150 | 65 | 80 | 100 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 335 | 420 | 694 | 112 | 132 |
| FHE 65-200/185 | 65 | 80 | 100 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 335 | 420 | 694 | 112 | 135 |
| FHE 65-200/220 | 65 | 80 | 100 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 335 | 420 | 694 | 112 | 155 |
| FHE 65-250/220 | 65 | 80 | 100 | 250 | 208 | 240 | 49 | 5 | 40 | 200 | 304 | 254 | 304 | 254 | 15 | 332 | 450 | 694 | 112 | 161 |
| FHE 80-160/110 | 80 | 100 | 125 | 225 | 343 | 191 | 65 | 14 | - | 180 | 125 | 95 | 320 | 250 | 14 | 332 | 405 | 630 | 129 | 114 |
| FHE 80-160/150 | 80 | 100 | 125 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 332 | 420 | 719 | 129 | 138 |
| FHE 80-160/185 | 80 | 100 | 125 | 225 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 332 | 420 | 719 | 129 | 141 |
| FHE 80-200/220 | 80 | 100 | 125 | 250 | 208 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 332 | 430 | 719 | 129 | 161 |

fh-fhe-2p50-en_c_td



FHS SERIES - DIMENSIONS AND WEIGHTS, 2 POLES

1

FHS WITH PUMP STAND
MOTORS UP TO 7.5kW

| DN | D | M | G | PUMP FLANGES | | |
|-----|-----|-----|-----|--------------|------|----------------|
| | | | | Nº | DIA. | MAX. THICKNESS |
| 32 | 140 | 100 | 78 | 4 | 18 | 18 |
| 40 | 150 | 110 | 88 | 4 | 18 | 18 |
| 50 | 165 | 125 | 102 | 4 | 18 | 20 |
| 65 | 185 | 145 | 122 | 4 | 18 | 20 |
| 80 | 200 | 160 | 138 | 8 | 18 | 22 |
| 100 | 220 | 180 | 158 | 8 | 18 | 22 |

FHS WITH PUMP STAND
MOTORS FROM 11 TO 55kW

04753D-EN_C_DD

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General Catalogue

FHS SERIES - DIMENSIONS AND WEIGHTS, 2 POLES

1

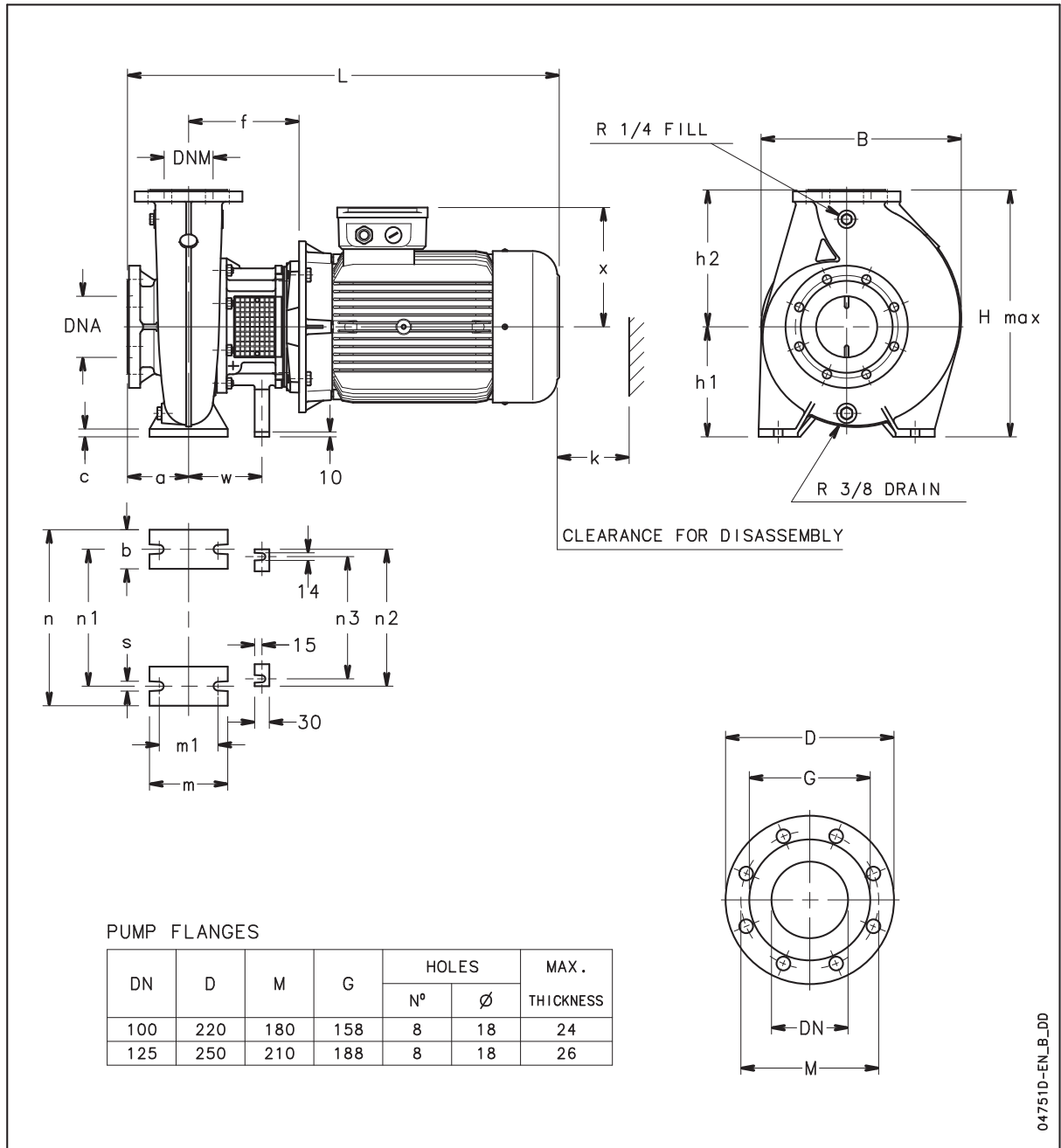
| PUMP TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | | | | | | B | H max | L | k | WEIGHT kg |
|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-------|----|----|-----|-----|-----|-----|-----|----|-----|-----|------|----------|-----|---|--------------|
| | PUMP | | | | | | | STAND | | | | | | | | | | | | | | | |
| | DNM | DNA | a | f | h2 | w | x | b | c | c1 | h1 | m | m1 | n | n1 | s | | | | | | | |
| FHS 32-125/07 | 32 | 50 | 80 | 155 | 140 | 265 | 121 | 50 | 12 | - | 112 | 100 | 70 | 190 | 140 | 14 | 233 | 252 | 461 | 86 | 32 | | |
| FHS 32-125/11 | 32 | 50 | 80 | 155 | 140 | 290 | 129 | 50 | 12 | - | 112 | 100 | 70 | 190 | 140 | 14 | 233 | 252 | 498 | 86 | 34 | | |
| FHS 32-160/15 | 32 | 50 | 80 | 155 | 160 | 290 | 129 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 235 | 292 | 498 | 86 | 35 | | |
| FHS 32-160/22 | 32 | 50 | 80 | 155 | 160 | 290 | 129 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 235 | 292 | 498 | 86 | 37 | | |
| FHS 32-200/30 | 32 | 50 | 80 | 165 | 180 | 310 | 134 | 50 | 12 | - | 160 | 100 | 70 | 240 | 190 | 14 | 285 | 340 | 543 | 86 | 55 | | |
| FHS 32-200/40 | 32 | 50 | 80 | 165 | 180 | 338 | 154 | 50 | 12 | - | 160 | 100 | 70 | 240 | 190 | 14 | 285 | 340 | 564 | 86 | 67 | | |
| FHS 40-125/11 | 40 | 65 | 80 | 155 | 140 | 290 | 129 | 50 | 12 | - | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 498 | 88 | 34 | | |
| FHS 40-125/15 | 40 | 65 | 80 | 155 | 140 | 290 | 129 | 50 | 12 | - | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 498 | 88 | 36 | | |
| FHS 40-125/22 | 40 | 65 | 80 | 155 | 140 | 290 | 129 | 50 | 12 | - | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 498 | 88 | 39 | | |
| FHS 40-160/30 | 40 | 65 | 80 | 165 | 160 | 310 | 134 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 250 | 292 | 543 | 88 | 48 | | |
| FHS 40-160/40 | 40 | 65 | 80 | 165 | 160 | 338 | 154 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 250 | 292 | 564 | 88 | 60 | | |
| FHS 40-200/55 | 40 | 65 | 100 | 192 | 180 | 399 | 168 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 300 | 340 | 667 | 88 | 76 | | |
| FHS 40-200/75 | 40 | 65 | 100 | 192 | 180 | 397 | 191 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 300 | 351 | 659 | 88 | 92 | | |
| FHS 40-250/110A | 40 | 65 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 107 | 124 | | |
| FHS 40-250/110 | 40 | 65 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 107 | 124 | | |
| FHS 40-250/150 | 40 | 65 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 107 | 138 | | |
| FHS 50-125/22 | 50 | 65 | 100 | 157 | 160 | 292 | 129 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 520 | 92 | 43 | | |
| FHS 50-125/30 | 50 | 65 | 100 | 167 | 160 | 312 | 134 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 565 | 92 | 52 | | |
| FHS 50-125/40 | 50 | 65 | 100 | 167 | 160 | 340 | 154 | 50 | 12 | - | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 586 | 92 | 61 | | |
| FHS 50-160/55 | 50 | 65 | 100 | 194 | 180 | 401 | 168 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 300 | 340 | 669 | 92 | 79 | | |
| FHS 50-160/75 | 50 | 65 | 100 | 194 | 180 | 399 | 191 | 50 | 12 | - | 160 | 100 | 70 | 265 | 212 | 14 | 300 | 451 | 661 | 92 | 95 | | |
| FHS 50-200/110A | 50 | 65 | 100 | 224 | 200 | 332 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 818 | 92 | 116 | | |
| FHS 50-200/110 | 50 | 65 | 100 | 224 | 200 | 332 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 818 | 92 | 116 | | |
| FHS 50-250/150 | 50 | 65 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 107 | 138 | | |
| FHS 50-250/185 | 50 | 65 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 350 | 420 | 816 | 107 | 141 | | |
| FHS 50-250/220 | 50 | 65 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 350 | 420 | 816 | 107 | 161 | | |
| FHS 65-125/40 | 65 | 80 | 100 | 167 | 180 | 340 | 154 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 586 | 105 | 75 | | |
| FHS 65-125/55 | 65 | 80 | 100 | 194 | 180 | 401 | 168 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 300 | 340 | 669 | 105 | 83 | | |
| FHS 65-125/75 | 65 | 80 | 100 | 194 | 180 | 399 | 191 | 65 | 14 | - | 160 | 125 | 95 | 280 | 212 | 14 | 300 | 451 | 661 | 105 | 99 | | |
| FHS 65-160/110A | 65 | 80 | 100 | 222 | 200 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 112 | 128 | | |
| FHS 65-160/110 | 65 | 80 | 100 | 222 | 200 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 112 | 128 | | |
| FHS 65-160/150 | 65 | 80 | 100 | 222 | 200 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 112 | 142 | | |
| FHS 65-200/150 | 65 | 80 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 816 | 112 | 142 | | |
| FHS 65-200/185 | 65 | 80 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 350 | 420 | 816 | 112 | 145 | | |
| FHS 65-200/220 | 65 | 80 | 100 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 350 | 420 | 816 | 112 | 165 | | |
| FHS 65-250/220 | 65 | 80 | 100 | 222 | 250 | 330 | 240 | 49 | 5 | 40 | 200 | 304 | 254 | 304 | 254 | 15 | 350 | 450 | 816 | 112 | 159 | | |
| FHS 65-250/300 | 65 | 80 | 100 | 222 | 250 | 361 | 278 | 60 | 24 | - | 200 | 345 | 305 | 360 | 318 | 18 | 400 | 478 | 941 | 112 | 200 | | |
| FHS 65-250/370 | 65 | 80 | 100 | 228 | 250 | 361 | 278 | 60 | 24 | - | 200 | 345 | 305 | 360 | 318 | 18 | 400 | 478 | 941 | 112 | 218 | | |
| FHS 80-160/110 | 80 | 100 | 125 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 841 | 129 | 129 | | |
| FHS 80-160/150 | 80 | 100 | 125 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 210 | 304 | 254 | 15 | 350 | 420 | 841 | 129 | 143 | | |
| FHS 80-160/185 | 80 | 100 | 125 | 222 | 225 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 350 | 420 | 841 | 129 | 152 | | |
| FHS 80-200/220 | 80 | 100 | 125 | 222 | 250 | 330 | 240 | 49 | 5 | 20 | 180 | 304 | 254 | 304 | 254 | 15 | 350 | 430 | 841 | 129 | 165 | | |
| FHS 80-200/300 | 80 | 100 | 125 | 228 | 250 | 361 | 278 | 60 | 24 | - | 200 | 345 | 305 | 360 | 318 | 18 | 400 | 478 | 966 | 129 | 199 | | |
| FHS 80-250/370 | 80 | 100 | 125 | 228 | 280 | 361 | 278 | 60 | 24 | - | 200 | 345 | 305 | 360 | 318 | 18 | 400 | 480 | 966 | 129 | 213 | | |
| FHS 80-250/450 | 80 | 100 | 125 | 228 | 280 | 377 | 298 | 76 | 28 | - | 225 | 360 | 311 | 405 | 356 | 18 | 450 | 523 | 1043 | 129 | 278 | | |
| FHS 80-250/550 | 80 | 100 | 125 | 258 | 280 | 426 | 298 | 90 | 28 | - | 250 | 406 | 349 | 465 | 406 | 22 | 550 | 548 | 1073 | 129 | 311 | | |

fh-fhs-2p50-en_d td



FHS SERIES - DIMENSIONS AND WEIGHTS, 2 POLES

1





General Catalogue

FHS SERIES - DIMENSIONS AND WEIGHTS, 2 POLES

| PUMP TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | | | | | | | B | H | L | k | WEIGHT kg |
|----------------|-----------------|-----|-----|-----|-----|-----|-----|----|-------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|---|--------------|
| | PUMP | | | | | | | | STAND | | | | | | | | | | | | | | | |
| | DNM | DNA | a | f | h2 | w | x | b | c | h1 | m | m1 | n | n1 | n2 | n3 | s | max | | | | | | |
| FHS100-160/220 | 100 | 125 | 125 | 226 | 280 | 150 | 240 | 80 | 16 | 225 | 160 | 120 | 360 | 280 | 280 | 250 | 18 | 415 | 505 | 845 | 143 | 238 | | |
| FHS100-160/300 | 100 | 125 | 125 | 231 | 280 | 185 | 278 | 80 | 16 | 225 | 160 | 120 | 360 | 280 | 210 | 180 | 18 | 415 | 505 | 969 | 143 | 348 | | |
| FHS100-200/300 | 100 | 125 | 125 | 231 | 280 | 185 | 278 | 80 | 18 | 200 | 160 | 120 | 360 | 280 | 210 | 180 | 18 | 385 | 480 | 969 | 153 | 340 | | |
| FHS100-200/370 | 100 | 125 | 125 | 231 | 280 | 185 | 278 | 80 | 18 | 200 | 160 | 120 | 360 | 280 | 210 | 180 | 18 | 385 | 480 | 969 | 153 | 360 | | |

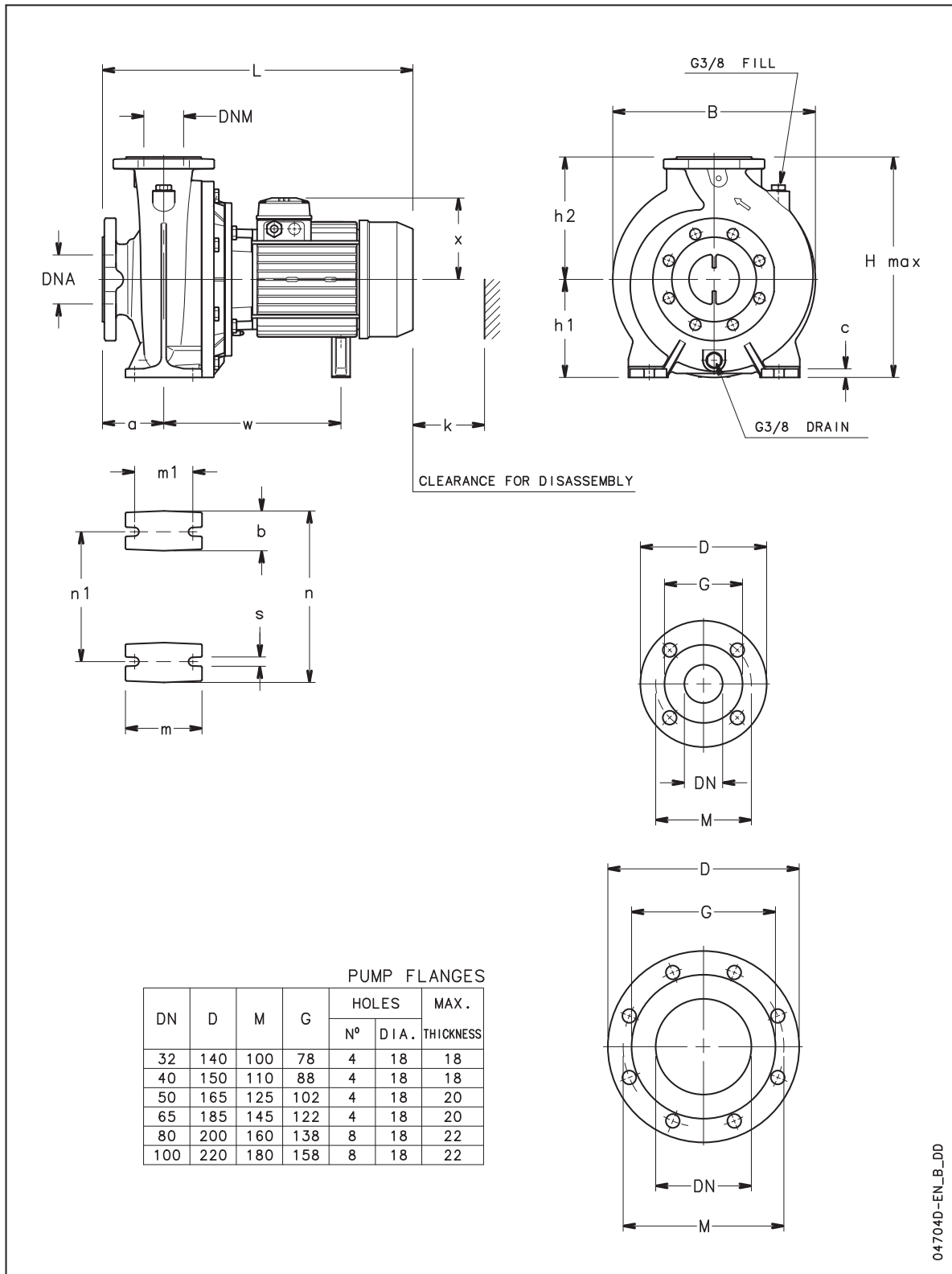
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FHE4 SERIES - DIMENSIONS AND WEIGHTS, 4 POLES

1



04704D-EN_B_DD



General Catalogue

FHE4 SERIES - DIMENSIONS AND WEIGHTS, 4 POLES

| PUMP TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | | | B | H max | L | k | WEIGHT kg |
|-----------------|-----------------|-----|-----|-----|-------|-----|----|----|-----|-----|-----|-----|-----|----|-----|-----|----------|-----|-----|--------------|
| | PUMP | | | | STAND | | | | | | | | | | | | | | | |
| | DNM | DNA | a | h2 | w | x | b | c | h1 | m | m1 | n | n1 | s | | | | | | |
| FHE4 32-125/02A | 32 | 50 | 80 | 140 | 215 | 121 | 50 | 12 | 112 | 100 | 70 | 190 | 140 | 14 | 233 | 252 | 411 | 86 | 25 | |
| FHE4 32-125/02 | 32 | 50 | 80 | 140 | 215 | 121 | 50 | 12 | 112 | 100 | 70 | 190 | 140 | 14 | 233 | 252 | 411 | 86 | 25 | |
| FHE4 32-160/02 | 32 | 50 | 80 | 160 | 215 | 121 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 14 | 235 | 292 | 411 | 86 | 26 | |
| FHE4 32-160/03 | 32 | 50 | 80 | 160 | 215 | 121 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 14 | 235 | 292 | 411 | 86 | 26 | |
| FHE4 32-200/03 | 32 | 50 | 80 | 180 | 215 | 121 | 50 | 12 | 160 | 100 | 70 | 240 | 190 | 14 | 285 | 340 | 411 | 86 | 35 | |
| FHE4 32-200/05 | 32 | 50 | 80 | 180 | 235 | 129 | 50 | 12 | 160 | 100 | 70 | 240 | 190 | 14 | 285 | 340 | 443 | 86 | 38 | |
| FHE4 40-125/02A | 40 | 65 | 80 | 140 | 215 | 121 | 50 | 12 | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 411 | 88 | 25 | |
| FHE4 40-125/02 | 40 | 65 | 80 | 140 | 215 | 121 | 50 | 12 | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 411 | 88 | 25 | |
| FHE4 40-125/03 | 40 | 65 | 80 | 140 | 215 | 121 | 50 | 12 | 112 | 100 | 70 | 210 | 160 | 14 | 233 | 252 | 411 | 88 | 25 | |
| FHE4 40-160/03 | 40 | 65 | 80 | 160 | 215 | 121 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 14 | 250 | 292 | 411 | 88 | 27 | |
| FHE4 40-160/05 | 40 | 65 | 80 | 160 | 235 | 129 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 14 | 250 | 292 | 443 | 88 | 29 | |
| FHE4 40-200/07 | 40 | 65 | 100 | 180 | 235 | 129 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 463 | 88 | 39 | |
| FHE4 40-200/11 | 40 | 65 | 100 | 180 | 245 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 498 | 88 | 48 | |
| FHE4 40-250/11 | 40 | 65 | 100 | 225 | 245 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 498 | 107 | 58 | |
| FHE4 40-250/15 | 40 | 65 | 100 | 225 | 245 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 498 | 107 | 61 | |
| FHE4 40-250/22 | 40 | 65 | 100 | 225 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 522 | 107 | 69 | |
| FHE4 50-125/03A | 50 | 65 | 100 | 160 | 217 | 121 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 433 | 92 | 29 | |
| FHE4 50-125/03 | 50 | 65 | 100 | 160 | 217 | 121 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 433 | 92 | 29 | |
| FHE4 50-125/05 | 50 | 65 | 100 | 160 | 237 | 129 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 14 | 255 | 292 | 465 | 92 | 32 | |
| FHE4 50-160/07 | 50 | 65 | 100 | 180 | 237 | 129 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 465 | 92 | 42 | |
| FHE4 50-160/11 | 50 | 65 | 100 | 180 | 247 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 500 | 92 | 51 | |
| FHE4 50-200/11 | 50 | 65 | 100 | 200 | 247 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 305 | 360 | 500 | 92 | 51 | |
| FHE4 50-200/15 | 50 | 65 | 100 | 200 | 247 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 305 | 360 | 500 | 92 | 54 | |
| FHE4 50-250/22A | 50 | 65 | 100 | 225 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 340 | 405 | 522 | 107 | 69 | |
| FHE4 50-250/22 | 50 | 65 | 100 | 225 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 340 | 405 | 522 | 107 | 69 | |
| FHE4 50-250/30 | 50 | 65 | 100 | 225 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 340 | 405 | 553 | 107 | 72 | |
| FHE4 65-125/05 | 65 | 80 | 100 | 180 | 237 | 129 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 465 | 105 | 46 | |
| FHE4 65-125/07 | 65 | 80 | 100 | 180 | 237 | 129 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 465 | 105 | 46 | |
| FHE4 65-125/11 | 65 | 80 | 100 | 180 | 247 | 134 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 500 | 105 | 55 | |
| FHE4 65-160/11 | 65 | 80 | 100 | 200 | 245 | 134 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 498 | 112 | 61 | |
| FHE4 65-160/15 | 65 | 80 | 100 | 200 | 245 | 134 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 498 | 112 | 65 | |
| FHE4 65-160/22 | 65 | 80 | 100 | 200 | 285 | 168 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 522 | 112 | 73 | |
| FHE4 65-200/15 | 65 | 80 | 100 | 225 | 245 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 498 | 112 | 65 | |
| FHE4 65-200/22 | 65 | 80 | 100 | 225 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 522 | 112 | 73 | |
| FHE4 65-200/30 | 65 | 80 | 100 | 225 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 553 | 112 | 75 | |
| FHE4 65-250/30 | 65 | 80 | 100 | 250 | 285 | 168 | 80 | 16 | 200 | 160 | 120 | 360 | 280 | 18 | 360 | 450 | 553 | 112 | 84 | |
| FHE4 65-250/40 | 65 | 80 | 100 | 250 | 315 | 168 | 80 | 16 | 200 | 160 | 120 | 360 | 280 | 18 | 360 | 450 | 598 | 112 | 125 | |
| FHE4 65-250/55 | 65 | 80 | 100 | 250 | 343 | 191 | 80 | 16 | 200 | 160 | 120 | 360 | 280 | 18 | 360 | 450 | 605 | 112 | 130 | |
| FHE4 80-160/15 | 80 | 100 | 125 | 225 | 245 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 332 | 405 | 523 | 129 | 70 | |
| FHE4 80-160/22 | 80 | 100 | 125 | 225 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 332 | 405 | 547 | 129 | 78 | |
| FHE4 80-200/30 | 80 | 100 | 125 | 250 | 285 | 168 | 65 | 14 | 180 | 125 | 95 | 345 | 280 | 14 | 345 | 430 | 578 | 129 | 89 | |
| FHE4 80-200/40 | 80 | 100 | 125 | 250 | 315 | 168 | 65 | 14 | 180 | 125 | 95 | 345 | 280 | 14 | 345 | 430 | 623 | 129 | 123 | |
| FHE4 80-250/40 | 80 | 100 | 125 | 280 | 315 | 168 | 80 | 16 | 200 | 160 | 120 | 400 | 315 | 18 | 400 | 480 | 623 | 129 | 120 | |
| FHE4 80-250/55 | 80 | 100 | 125 | 280 | 343 | 191 | 80 | 16 | 200 | 160 | 120 | 400 | 315 | 18 | 400 | 480 | 630 | 129 | 125 | |
| FHE4 80-250/75 | 80 | 100 | 125 | 280 | 343 | 191 | 80 | 16 | 200 | 160 | 120 | 400 | 315 | 18 | 400 | 480 | 630 | 129 | 129 | |

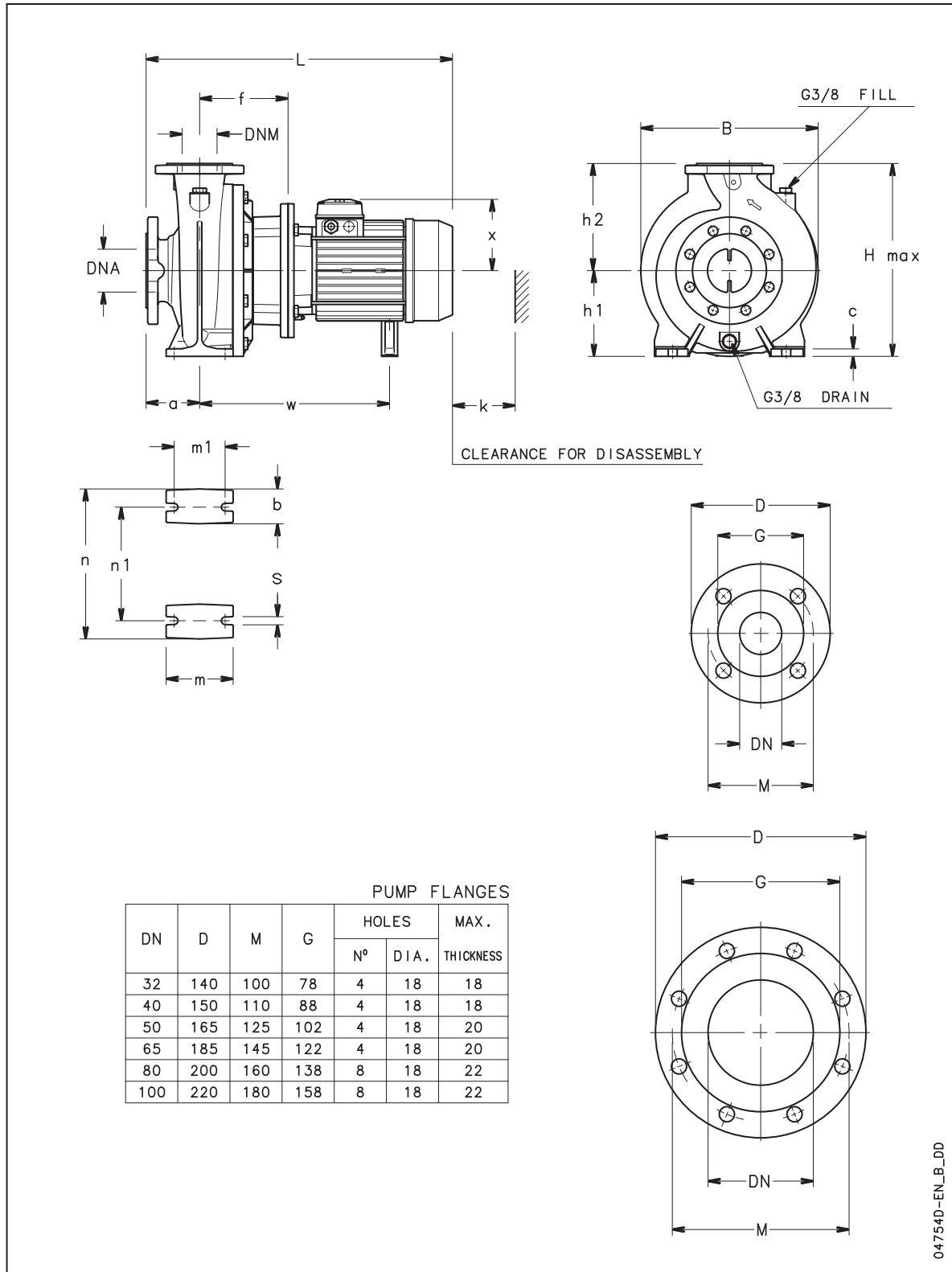
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FHS4 SERIES - DIMENSIONS AND WEIGHTS, 4 POLES

1



PUMP FLANGES

| DN | D | M | G | HOLES | | MAX. THICKNESS |
|-----|-----|-----|-----|-------|------|----------------|
| | | | | N° | DIA. | |
| 32 | 140 | 100 | 78 | 4 | 18 | 18 |
| 40 | 150 | 110 | 88 | 4 | 18 | 18 |
| 50 | 165 | 125 | 102 | 4 | 18 | 20 |
| 65 | 185 | 145 | 122 | 4 | 18 | 20 |
| 80 | 200 | 160 | 138 | 8 | 18 | 22 |
| 100 | 220 | 180 | 158 | 8 | 18 | 22 |

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General Catalogue

FHS4 SERIES - DIMENSIONS AND WEIGHTS, 4 POLES

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| PUMP TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | | | | | | | WEIGHT | | | | |
|-----------------|-----------------|-----|-----|-----|-----|-----|-------|----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|--------|---|---|---|----|
| | PUMP | | | | | | STAND | | | | | | | | | | | | | B | H | L | k | kg |
| | DNM | DNA | a | f | h2 | w | x | b | c | h1 | m | m1 | n | n1 | s | max | | | | | | | | |
| FHS4 40-200/07 | 40 | 65 | 100 | 155 | 180 | 290 | 129 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 518 | 88 | 44 | | | | |
| FHS4 40-200/11 | 40 | 65 | 100 | 155 | 180 | 300 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 550 | 88 | 53 | | | | |
| FHS4 40-250/11 | 40 | 65 | 100 | 155 | 225 | 300 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 550 | 107 | 63 | | | | |
| FHS4 40-250/15 | 40 | 65 | 100 | 155 | 225 | 300 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 550 | 107 | 66 | | | | |
| FHS4 40-250/22 | 40 | 65 | 100 | 165 | 225 | 350 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 587 | 107 | 75 | | | | |
| FHS4 50-160/07 | 50 | 65 | 100 | 157 | 180 | 292 | 129 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 520 | 92 | 47 | | | | |
| FHS4 50-160/11 | 50 | 65 | 100 | 157 | 180 | 302 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 285 | 340 | 555 | 92 | 56 | | | | |
| FHS4 50-200/11 | 50 | 65 | 100 | 157 | 200 | 302 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 305 | 360 | 555 | 92 | 56 | | | | |
| FHS4 50-200/15 | 50 | 65 | 100 | 157 | 200 | 302 | 134 | 50 | 12 | 160 | 100 | 70 | 265 | 212 | 14 | 305 | 360 | 555 | 92 | 59 | | | | |
| FHS4 50-250/22A | 50 | 65 | 100 | 165 | 225 | 320 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 340 | 405 | 587 | 107 | 75 | | | | |
| FHS4 50-250/22 | 50 | 65 | 100 | 165 | 225 | 320 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 340 | 405 | 587 | 107 | 75 | | | | |
| FHS4 50-250/30 | 50 | 65 | 100 | 165 | 225 | 320 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 340 | 405 | 618 | 107 | 78 | | | | |
| FHS4 65-125/05 | 65 | 80 | 100 | 157 | 180 | 292 | 129 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 520 | 105 | 51 | | | | |
| FHS4 65-125/07 | 65 | 80 | 100 | 157 | 180 | 292 | 129 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 520 | 105 | 53 | | | | |
| FHS4 65-125/11 | 65 | 80 | 100 | 157 | 180 | 302 | 134 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 285 | 340 | 555 | 105 | 60 | | | | |
| FHS4 65-160/11 | 65 | 80 | 100 | 155 | 200 | 300 | 134 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 553 | 112 | 67 | | | | |
| FHS4 65-160/15 | 65 | 80 | 100 | 155 | 200 | 300 | 134 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 553 | 112 | 70 | | | | |
| FHS4 65-160/22 | 65 | 80 | 100 | 165 | 200 | 350 | 168 | 65 | 14 | 160 | 125 | 95 | 280 | 212 | 14 | 331 | 360 | 587 | 112 | 79 | | | | |
| FHS4 65-200/15 | 65 | 80 | 100 | 155 | 225 | 300 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 553 | 112 | 70 | | | | |
| FHS4 65-200/22 | 65 | 80 | 100 | 165 | 225 | 350 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 587 | 112 | 79 | | | | |
| FHS4 65-200/30 | 65 | 80 | 100 | 165 | 225 | 350 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 335 | 405 | 618 | 112 | 82 | | | | |
| FHS4 65-250/30 | 65 | 80 | 100 | 165 | 250 | 350 | 168 | 80 | 16 | 200 | 160 | 120 | 360 | 280 | 18 | 360 | 450 | 618 | 112 | 88 | | | | |
| FHS4 65-250/40 | 65 | 80 | 100 | 165 | 250 | 380 | 168 | 80 | 16 | 200 | 160 | 120 | 360 | 280 | 18 | 360 | 450 | 663 | 112 | 121 | | | | |
| FHS4 65-250/55 | 65 | 80 | 100 | 192 | 250 | 435 | 191 | 80 | 16 | 200 | 160 | 120 | 360 | 280 | 18 | 360 | 450 | 697 | 112 | 123 | | | | |
| FHS4 80-160/15 | 80 | 100 | 125 | 155 | 225 | 300 | 134 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 332 | 405 | 578 | 129 | 77 | | | | |
| FHS4 80-160/22 | 80 | 100 | 125 | 165 | 225 | 350 | 168 | 65 | 14 | 180 | 125 | 95 | 320 | 250 | 14 | 332 | 405 | 612 | 129 | 85 | | | | |
| FHS4 80-200/30 | 80 | 100 | 125 | 165 | 250 | 350 | 168 | 65 | 14 | 180 | 125 | 95 | 345 | 280 | 14 | 345 | 430 | 643 | 129 | 91 | | | | |
| FHS4 80-200/40 | 80 | 100 | 125 | 165 | 250 | 380 | 168 | 65 | 14 | 180 | 125 | 95 | 345 | 280 | 14 | 345 | 430 | 688 | 129 | 124 | | | | |
| FHS4 80-250/40 | 80 | 100 | 125 | 165 | 280 | 380 | 168 | 80 | 16 | 200 | 160 | 120 | 400 | 315 | 18 | 400 | 480 | 688 | 129 | 130 | | | | |
| FHS4 80-250/55 | 80 | 100 | 125 | 192 | 280 | 435 | 191 | 80 | 16 | 200 | 160 | 120 | 400 | 315 | 18 | 400 | 480 | 722 | 129 | 132 | | | | |
| FHS4 80-250/75 | 80 | 100 | 125 | 192 | 280 | 435 | 191 | 80 | 16 | 200 | 160 | 120 | 400 | 315 | 18 | 400 | 480 | 722 | 129 | 137 | | | | |

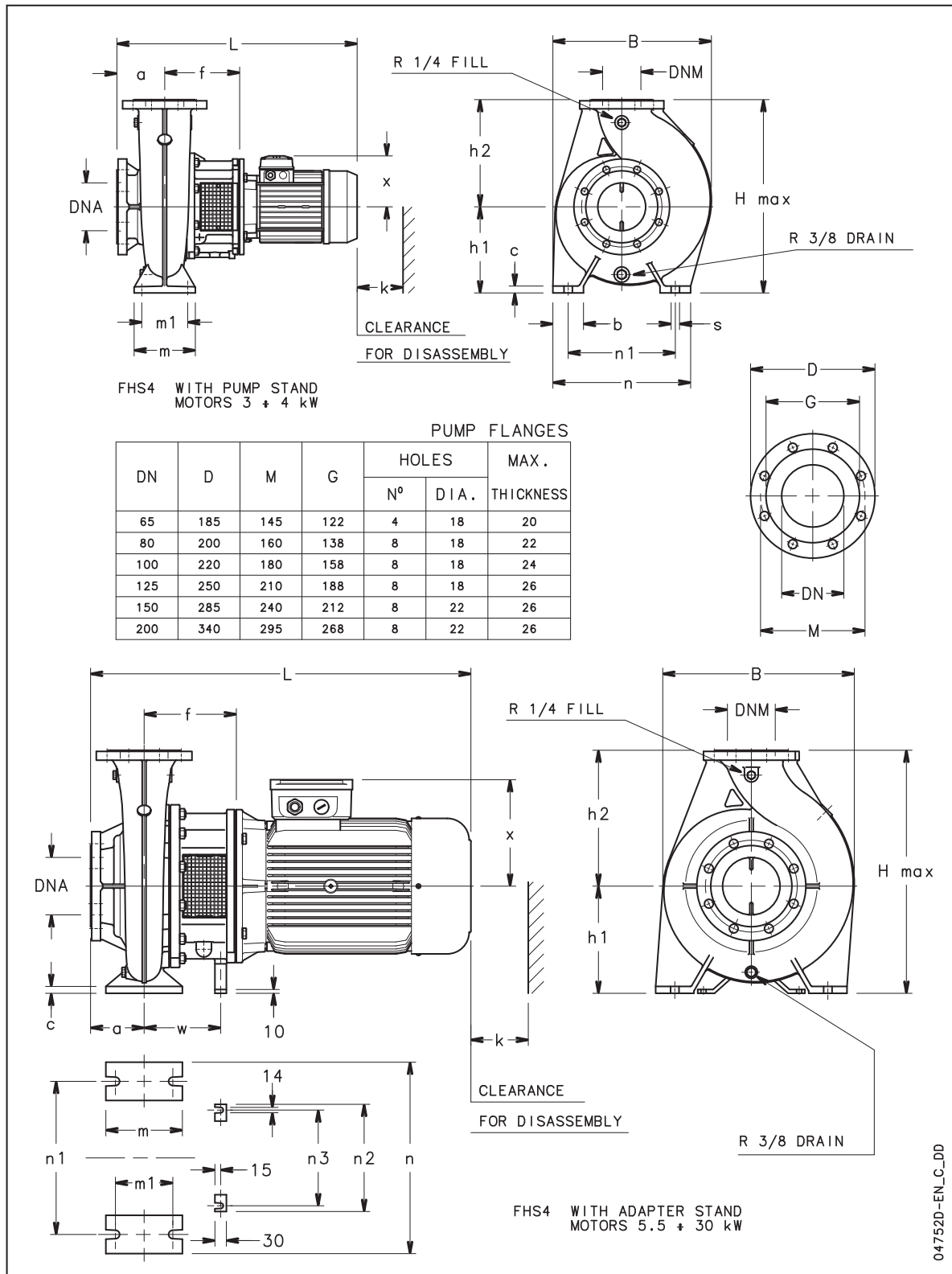
NOTE: For models FHS4 65-315 and FHS4 80-315 consult the following pages.

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FHS4 SERIES - DIMENSIONS AND WEIGHTS, 4 POLES

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General Catalogue

FHS4 SERIES - DIMENSIONS AND WEIGHTS, 4 POLES

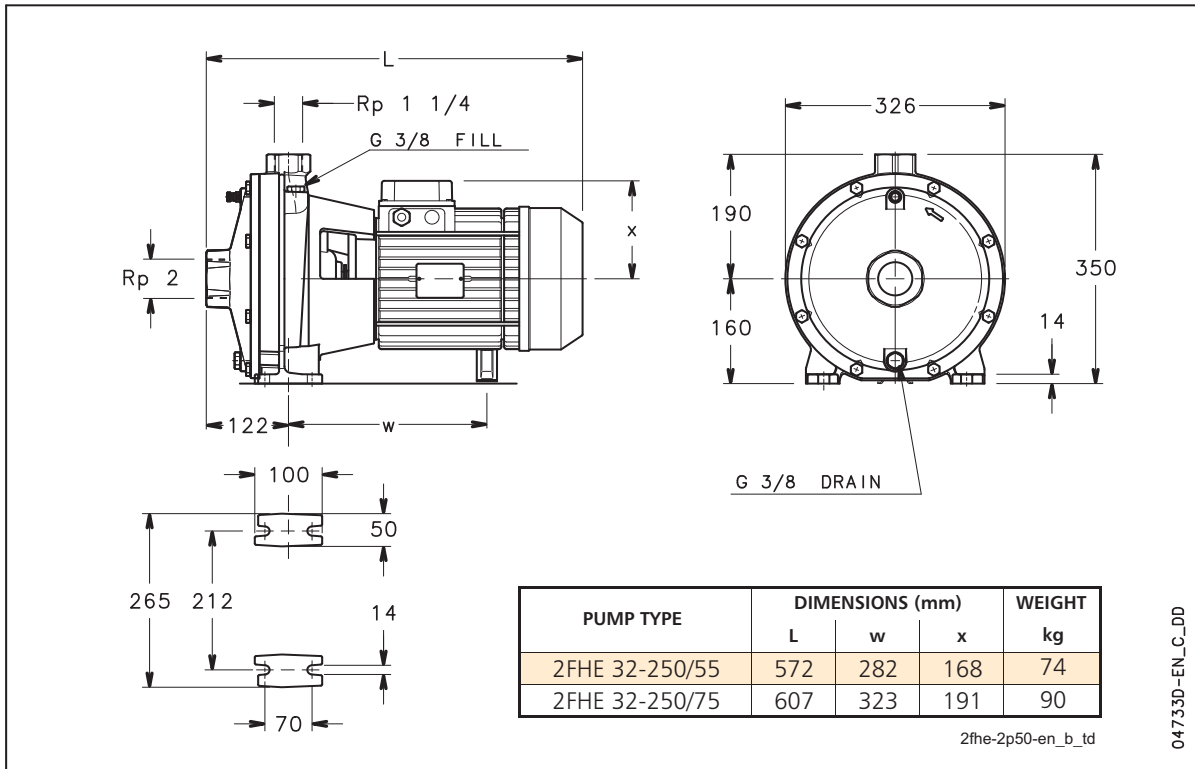
| PUMP TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | | | | | | | B | H max | L | k | WEIGHT kg |
|------------------|-----------------|-----|-----|-----|-----|-----|-----|-------|----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|------|----------|-----|---|--------------|
| | PUMP | | | | | | | STAND | | | | | | | | | | | | | | | | |
| | DNM | DNA | a | f | h2 | w | x | b | c | h1 | m | m1 | n | n1 | n2 | n3 | s | | | | | | | |
| FHS4 65-315/75 | 65 | 80 | 125 | 196 | 280 | 150 | 191 | 80 | 14 | 225 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 434 | 505 | 726 | 160 | 181 | | |
| FHS4 65-315/110 | 65 | 80 | 125 | 226 | 280 | 150 | 240 | 80 | 14 | 225 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 434 | 505 | 845 | 160 | 263 | | |
| FHS4 80-315/110 | 80 | 100 | 125 | 226 | 315 | 150 | 240 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 450 | 565 | 845 | 160 | 269 | | |
| FHS4 80-315/150 | 80 | 100 | 125 | 226 | 315 | 150 | 240 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 450 | 565 | 845 | 160 | 278 | | |
| FHS4 100-160/30 | 100 | 125 | 125 | 196 | 280 | - | 168 | 80 | 16 | 225 | 160 | 120 | 360 | 280 | - | - | 19 | 415 | 505 | 674 | 143 | 119 | | |
| FHS4 100-200/40 | 100 | 125 | 125 | 196 | 280 | - | 168 | 80 | 18 | 200 | 160 | 120 | 360 | 280 | - | - | 19 | 385 | 480 | 719 | 153 | 126 | | |
| FHS4 100-200/55 | 100 | 125 | 125 | 196 | 280 | 150 | 191 | 80 | 18 | 200 | 160 | 120 | 360 | 280 | 210 | 180 | 18 | 385 | 480 | 726 | 153 | 150 | | |
| FHS4 100-250/75 | 100 | 125 | 140 | 196 | 280 | 150 | 191 | 80 | 16 | 225 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 425 | 505 | 741 | 150 | 184 | | |
| FHS4 100-250/110 | 100 | 125 | 140 | 226 | 280 | 150 | 240 | 80 | 16 | 225 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 425 | 505 | 860 | 150 | 266 | | |
| FHS4 100-315/150 | 100 | 125 | 140 | 226 | 315 | 150 | 240 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 486 | 565 | 860 | 160 | 287 | | |
| FHS4 100-315/185 | 100 | 125 | 140 | 226 | 315 | 150 | 258 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 486 | 565 | 904 | 160 | 282 | | |
| FHS4 100-315/220 | 100 | 125 | 140 | 226 | 315 | 150 | 278 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 210 | 180 | 18 | 486 | 565 | 979 | 160 | 292 | | |
| FHS4 125-200/55 | 125 | 150 | 140 | 211 | 315 | 165 | 191 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 280 | 250 | 18 | 469 | 565 | 756 | 160 | 181 | | |
| FHS4 125-200/75 | 125 | 150 | 140 | 211 | 315 | 165 | 191 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 280 | 250 | 18 | 469 | 565 | 756 | 160 | 186 | | |
| FHS4 125-250/110 | 125 | 150 | 140 | 226 | 355 | 150 | 240 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 280 | 250 | 18 | 493 | 605 | 860 | 158 | 268 | | |
| FHS4 125-250/150 | 125 | 150 | 140 | 226 | 355 | 150 | 240 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 280 | 250 | 18 | 493 | 605 | 860 | 158 | 277 | | |
| FHS4 125-250/185 | 125 | 150 | 140 | 226 | 355 | 150 | 258 | 80 | 16 | 250 | 160 | 120 | 400 | 315 | 280 | 250 | 18 | 493 | 605 | 904 | 158 | 273 | | |
| FHS4 125-315/220 | 125 | 150 | 140 | 241 | 355 | 200 | 278 | 100 | 18 | 280 | 200 | 150 | 500 | 400 | 280 | 250 | 22 | 520 | 635 | 994 | 171 | 344 | | |
| FHS4 125-315/300 | 125 | 150 | 140 | 241 | 355 | 200 | 278 | 100 | 18 | 280 | 200 | 150 | 500 | 400 | 280 | 250 | 22 | 520 | 635 | 994 | 171 | 429 | | |
| FHS4 150-250/150 | 150 | 200 | 160 | 246 | 375 | 200 | 240 | 100 | 18 | 280 | 200 | 150 | 500 | 400 | 280 | 250 | 22 | 550 | 655 | 900 | 181 | 340 | | |
| FHS4 150-250/185 | 150 | 200 | 160 | 246 | 375 | 200 | 258 | 100 | 18 | 280 | 200 | 150 | 500 | 400 | 280 | 250 | 22 | 550 | 655 | 944 | 181 | 335 | | |
| FHS4 150-250/220 | 150 | 200 | 160 | 246 | 375 | 200 | 278 | 100 | 18 | 280 | 200 | 150 | 500 | 400 | 280 | 250 | 22 | 550 | 655 | 1019 | 181 | 345 | | |
| FHS4 150-250/300 | 150 | 200 | 160 | 246 | 375 | 200 | 278 | 100 | 18 | 280 | 200 | 150 | 500 | 400 | 280 | 250 | 22 | 550 | 655 | 1019 | 181 | 430 | | |
| FHS4 150-315/300 | 150 | 200 | 160 | 241 | 400 | 200 | 278 | 100 | 18 | 280 | 200 | 150 | 550 | 450 | 280 | 250 | 22 | 587 | 680 | 1014 | 186 | 448 | | |

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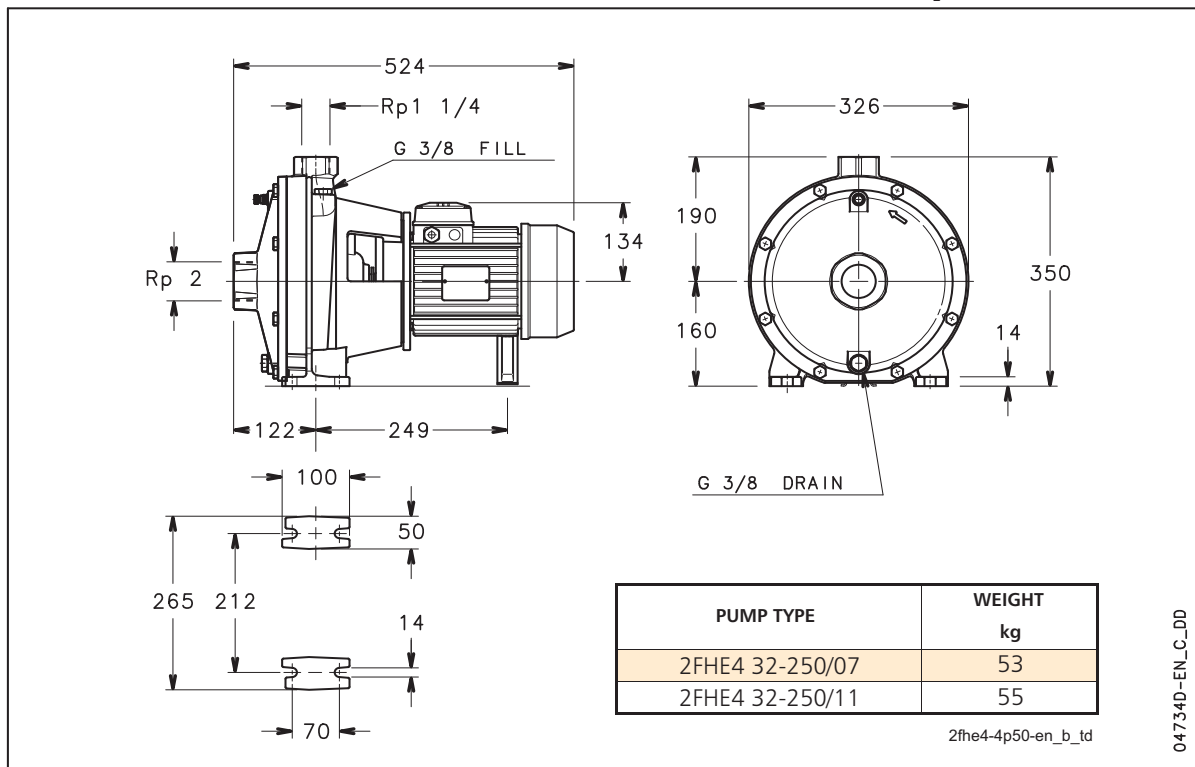




2FHE SERIES - DIMENSIONS AND WEIGHTS, 2 POLES



2FHE SERIES - DIMENSIONS AND WEIGHTS, 4 POLES



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