

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)



Cast iron monoblock (3D) and normalised centrifugal electropumps conforming to EN 733 (3DS-3DP).



APPLICATIONS

- Handling of water and clean, chemically non-aggressive liquids
- Water supply
- Pressurisation
- Washing and industrial plants
- Water circulation in climate control systems
- Irrigation and agriculture

TECHNICAL FEATURES

- Highly robust construction
- Stainless steel impeller
- High efficiency

PUMP SPECIFICATIONS

- Maximum operating pressure: 10 bar
- Temperature of the liquid:
 - 5°C – +90°C
 - 5°C – +110°C (versions H-HS-HW-HSW)
 - 5°C – +120°C (version E)
- MEI > 0.4

For further information, please consult our Data Books on the website www.ebara-europe.com

MOTOR SPECIFICATIONS

- IE2 high energy-efficiency motors starting from 0.75kW
- IE3 high energy-efficiency motors starting from 7.5kW up to 22kW
- Self-ventilated 2-pole and 4-pole motors
- Isolation class F (B for high temperatures)
- Protection rating IP 55
- Single-phase voltage 230V ±10%, 50Hz, three-phase voltage 230/400 ±10% (up to 4kW included) 50Hz, three-phase voltage 400/690V ±10% (from 5.5 kW and above) 50Hz
- Protection to be arranged by the user

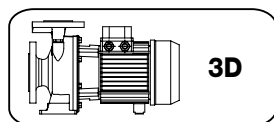
MATERIALS

- Cast iron pump body EN-GJL-250-EN 1561
- Impeller made of:
 - AISI 304 steel for SERIES 3D 32, 40, 50
 - AISI 316 microcast steel for SERIES 3D 65
- AISI 304 steel shaft (part coming into contact with liquid)
- Mechanical seal made of:
 - Ceramic/Carbon/NBR (standard)
 - Ceramic/Carbon/FPM (version H)
 - SiC/SiC/FPM (version HS)
 - Tungsten carbide/Tungsten carbide/FPM (version HW)
 - SiC/Tungsten carbide/FPM (version HSW)
 - Ceramic/Carbon/EPDM (version E)

SPECIAL VERSIONS

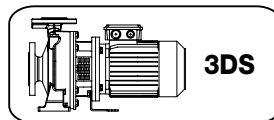
- Special voltages
- Special mechanical seals

Available in 3 different versions with 2-pole and 4-pole motors



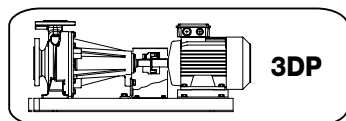
3D

Monoblock with extended motor shaft



3DS

Monoblock with standard motor and rigid joint



3DP

On base, with standard motor and elastic joint

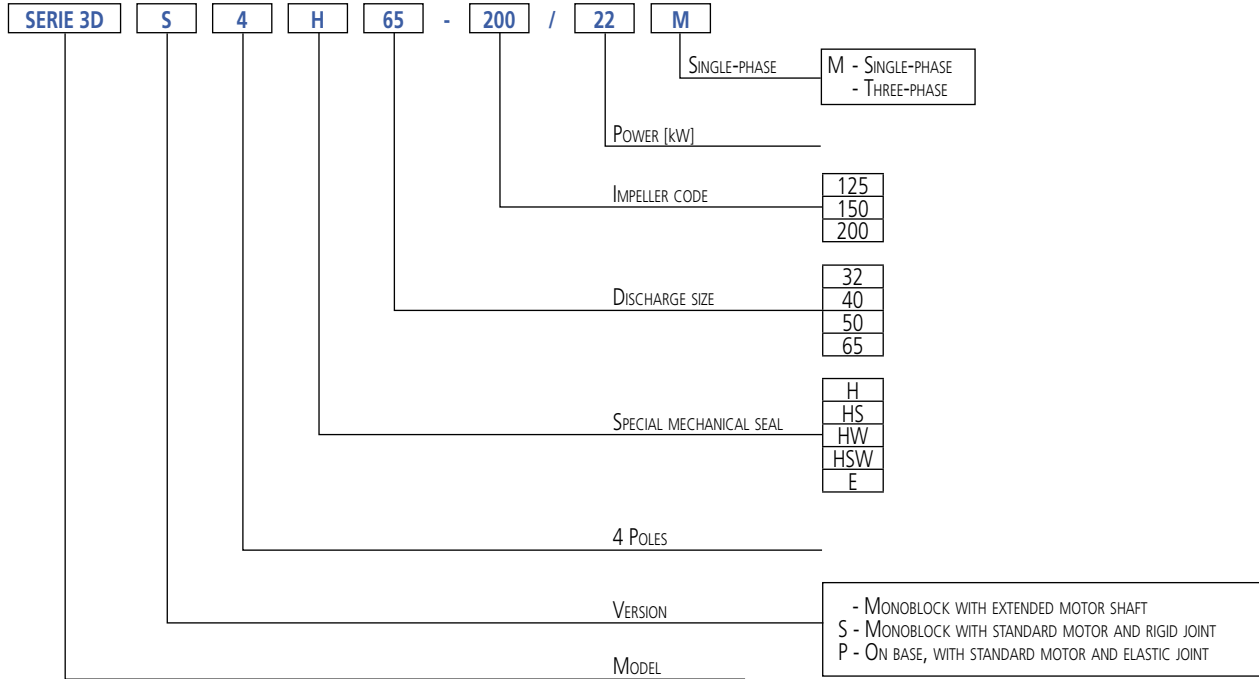
3DPF version (only hydraulic part) available on request



3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

IDENTIFICATION CODE



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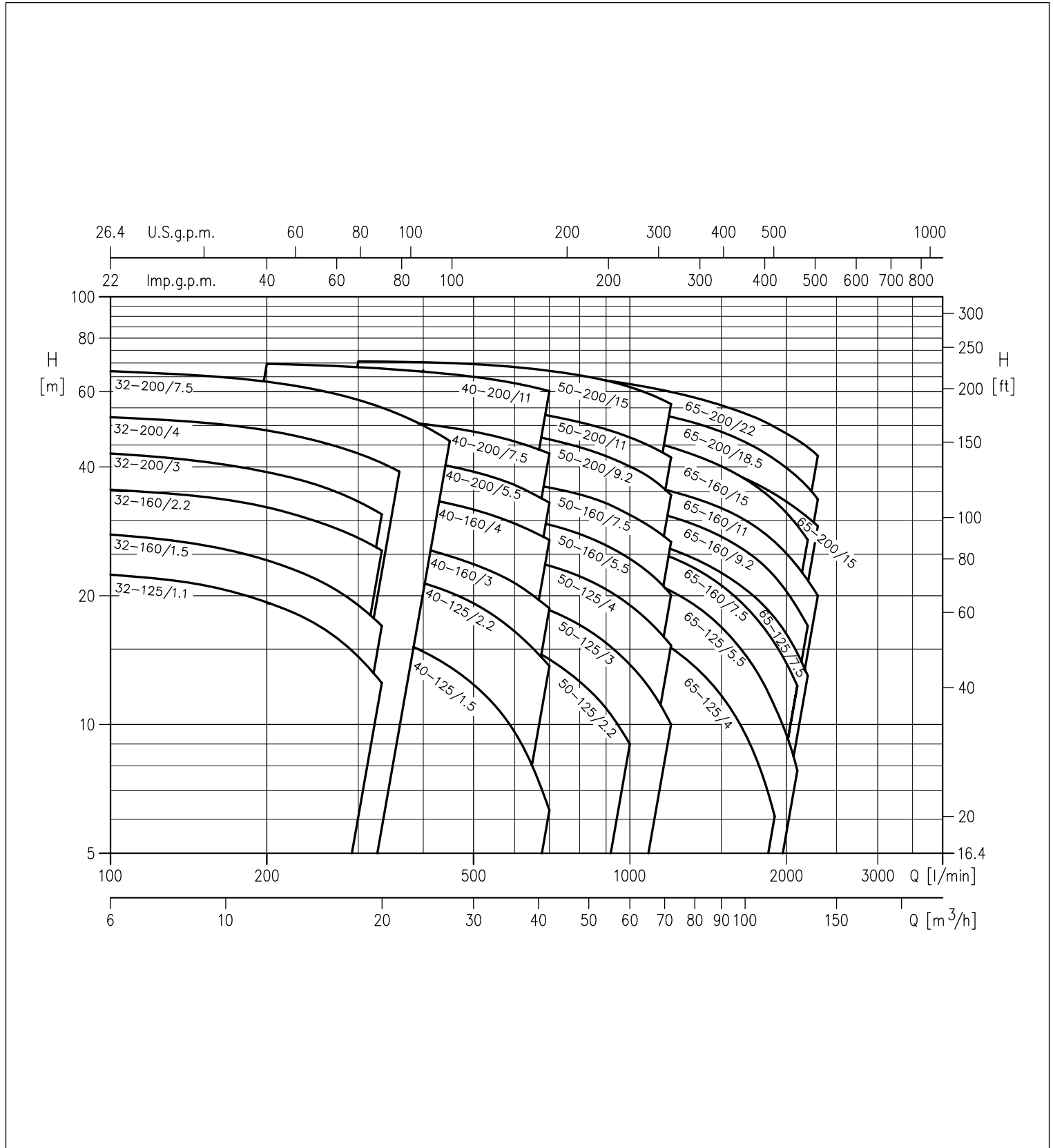


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE RANGE at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

SERIES 3D(.) 32 PERFORMANCE TABLE

2 Poles

| Model | P ₂ | | Q=Flow rate | | | | | | | | | |
|----------------------|----------------|------|----------------------------|----------|----------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|
| | [HP] | [kW] | l/min m ³ /h | 100 6 | 150 9 | 200 12 | 250 15 | 300 18 | 333 20 | 360 21,6 | 400 24 | 450 27 |
| | | | H=Head [m] | | | | | | | | | |
| 3D(.) 32-125/1.1 (M) | 1,5 | 1,1 | 22,4 | 21,2 | 19,3 | 17,1 | 14,4 | 12,5 | - | - | - | - |
| 3D(.) 32-160/1.5 (M) | 2 | 1,5 | 27,5 | 25,9 | 23,7 | 21,3 | 18,5 | 16,4 | - | - | - | - |
| 3D(.) 32-160/2.2 (M) | 3 | 2,2 | 35,4 | 34,1 | 32,2 | 29,8 | 27,3 | 25,5 | - | - | - | - |
| 3D(.) 32-200/3.0 | 4 | 3 | 43,0 | 41,0 | 39,0 | 36,5 | 33,0 | 31,0 | - | - | - | - |
| 3D(.) 32-200/4.0 | 5,5 | 4 | 52,5 | 51,0 | 49,0 | 46,0 | 43,0 | 41,0 | 39,0 | - | - | - |
| 3D(.) 32-200/7.5 | 10 | 7,5 | 67,0 | 65,0 | 63,0 | 61,0 | 57,0 | 55,0 | 53,0 | 50,0 | 46,0 | - |

SERIES 3D(.) 40 PERFORMANCE TABLE

2 Poles

| Model | P ₂ | | Q=Flow rate | | | | | | | | | |
|----------------------|----------------|------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | [HP] | [kW] | l/min m ³ /h | 200 12 | 250 15 | 300 18 | 350 21 | 400 24 | 450 27 | 500 30 | 600 36 | 700 42 |
| | | | H=Head [m] | | | | | | | | | |
| 3D(.) 40-125/1.5 (M) | 2 | 1,5 | 18,2 | 17,6 | 16,8 | 15,9 | 14,8 | 13,7 | 12,4 | 9,6 | 6,3 | - |
| 3D(.) 40-125/2.2 (M) | 3 | 2,2 | 24,4 | 23,9 | 23,2 | 22,4 | 21,4 | 20,4 | 19,2 | 16,5 | 13,7 | - |
| 3D(.) 40-160/3.0 | 4 | 3 | 29,4 | 28,7 | 27,8 | 26,8 | 25,8 | 24,8 | 23,7 | 21,4 | 18,7 | - |
| 3D(.) 40-160/4.0 | 5,5 | 4 | 37,2 | 36,5 | 35,7 | 34,8 | 33,8 | 32,8 | 31,8 | 29,5 | 27,0 | - |
| 3D(.) 40-200/5.5 | 7,5 | 5,5 | 44,5 | 44,0 | 43,0 | 42,0 | 41,0 | 40,0 | 39,0 | 36,3 | 33,0 | - |
| 3D(.) 40-200/7.5 | 10 | 7,5 | 53,5 | 53,0 | 52,0 | 51,5 | 50,5 | 49,5 | 48,5 | 46,0 | 43,0 | - |
| 3D(.) 40-200/11 | 15 | 11 | 70,0 | 69,0 | 68,5 | 67,5 | 67,0 | 66,0 | 65,0 | 63,0 | 60,0 | - |

SERIES 3D(.) 50 PERFORMANCE TABLE

2 Poles

| Model | P ₂ | | Q=Flow rate | | | | | | | | | |
|----------------------|----------------|------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| | [HP] | [kW] | l/min m ³ /h | 400 24 | 500 30 | 600 36 | 700 42 | 800 48 | 900 54 | 1000 60 | 1100 66 | 1200 72 |
| | | | H=Head [m] | | | | | | | | | |
| 3D(.) 50-125/2.2 (M) | 3 | 2,2 | 18,0 | 17,0 | 15,7 | 14,2 | 12,6 | 10,9 | 9,0 | - | - | - |
| 3D(.) 50-125/3.0 | 4 | 3 | 21,5 | 20,8 | 19,8 | 18,5 | 17,1 | 15,5 | 13,8 | 12,0 | 10,0 | - |
| 3D(.) 50-125/4.0 | 5,5 | 4 | 25,8 | 25,3 | 24,5 | 23,5 | 22,2 | 20,7 | 19,0 | 17,2 | 15,3 | - |
| 3D(.) 50-160/5.5 | 7,5 | 5,5 | 32,0 | 31,5 | 30,5 | 29,3 | 27,9 | 26,2 | 24,4 | 22,4 | 20,0 | - |
| 3D(.) 50-160/7.5 | 10 | 7,5 | 38,2 | 37,6 | 36,9 | 35,8 | 34,5 | 32,9 | 30,9 | 28,9 | 26,7 | - |
| 3D(.) 50-200/9.2 | 12,5 | 9,2 | - | 49,5 | 48,0 | 46,5 | 44,5 | 42,5 | 40,0 | 37,6 | 34,4 | - |
| 3D(.) 50-200/11 | 15 | 11 | - | 55,5 | 54,5 | 52,5 | 51,0 | 49,0 | 47,0 | 44,5 | 42,0 | - |
| 3D(.) 50-200/15 | 20 | 15 | - | 69,5 | 68,5 | 67,0 | 65,5 | 63,5 | 61,5 | 59,0 | 56,0 | - |

SERIES 3D(.) 65 PERFORMANCE TABLE

2 Poles

| Model | P ₂ | | Q=Flow rate | | | | | | | | | |
|-------------------|----------------|------|----------------------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|
| | [HP] | [kW] | l/min m ³ /h | 600 36 | 700 42 | 1000 60 | 1300 78 | 1600 96 | 1900 114 | 2100 126 | 2200 132 | 2300 138 |
| | | | H=Head [m] | | | | | | | | | |
| 3D(.) 65-125/4.0 | 5,5 | 4 | 20,4 | 19,8 | 17,2 | 14,0 | 10,4 | 6,0 | - | - | - | - |
| 3D(.) 65-125/5.5 | 7,5 | 5,5 | - | 25,0 | 22,5 | 19,4 | 15,5 | 11,0 | 8,0 | - | - | - |
| 3D(.) 65-125/7.5 | 10 | 7,5 | - | 29,6 | 27,5 | 24,7 | 21,5 | 17,8 | 14,7 | 13,0 | - | - |
| 3D(.) 65-160/7.5 | 10 | 7,5 | - | 29,0 | 26,6 | 23,5 | 19,8 | 15,5 | 12,3 | - | - | - |
| 3D(.) 65-160/9.2 | 12,5 | 9,2 | - | 34,7 | 32,4 | 29,6 | 26,3 | 22,2 | 18,8 | 17,0 | - | - |
| 3D(.) 65-160/11 | 15 | 11 | - | 39,0 | 37,0 | 34,0 | 31,0 | 27,0 | 23,0 | 22,0 | 20,0 | - |
| 3D(.) 65-160/15 | 20 | 15 | - | 46,0 | 44,0 | 41,5 | 38,4 | 34,6 | 31,9 | 30,5 | 29,0 | - |
| 3D(.) 65-200/15 | 20 | 15 | - | 51,0 | 47,0 | 43,0 | 38,6 | 33,3 | 29,2 | 27,0 | - | - |
| 3D(.) 65-200/18.5 | 25 | 18,5 | - | 58,0 | 55,0 | 51,0 | 47,0 | 41,5 | 37,9 | 35,9 | 33,6 | - |
| 3D(.) 65-200/22 | 30 | 22 | - | 65,5 | 62,5 | 58,5 | 54,5 | 49,5 | 46,0 | 44,5 | 42,5 | - |

(M) Single-phase version only for 3D SERIES

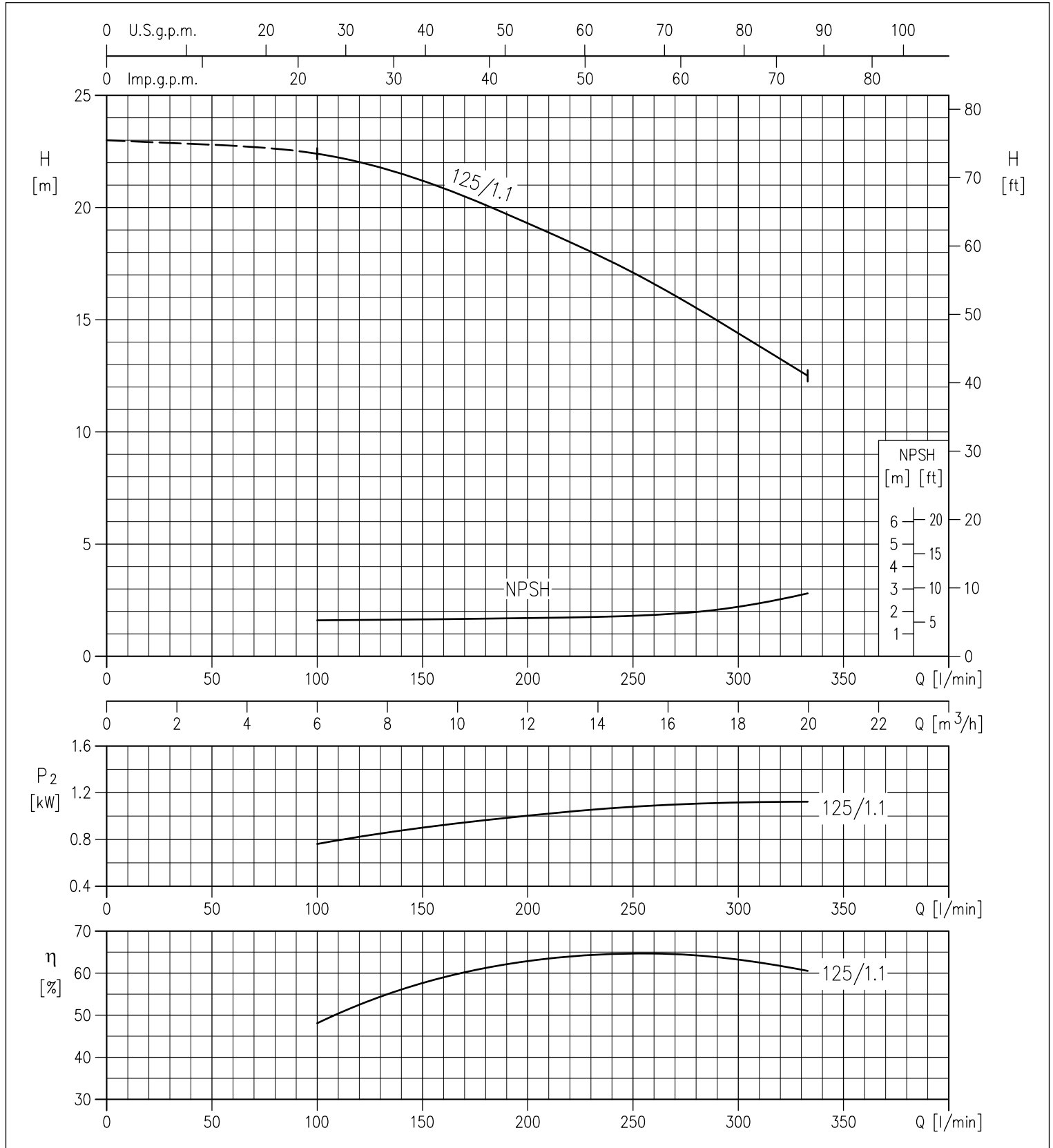


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 32-125 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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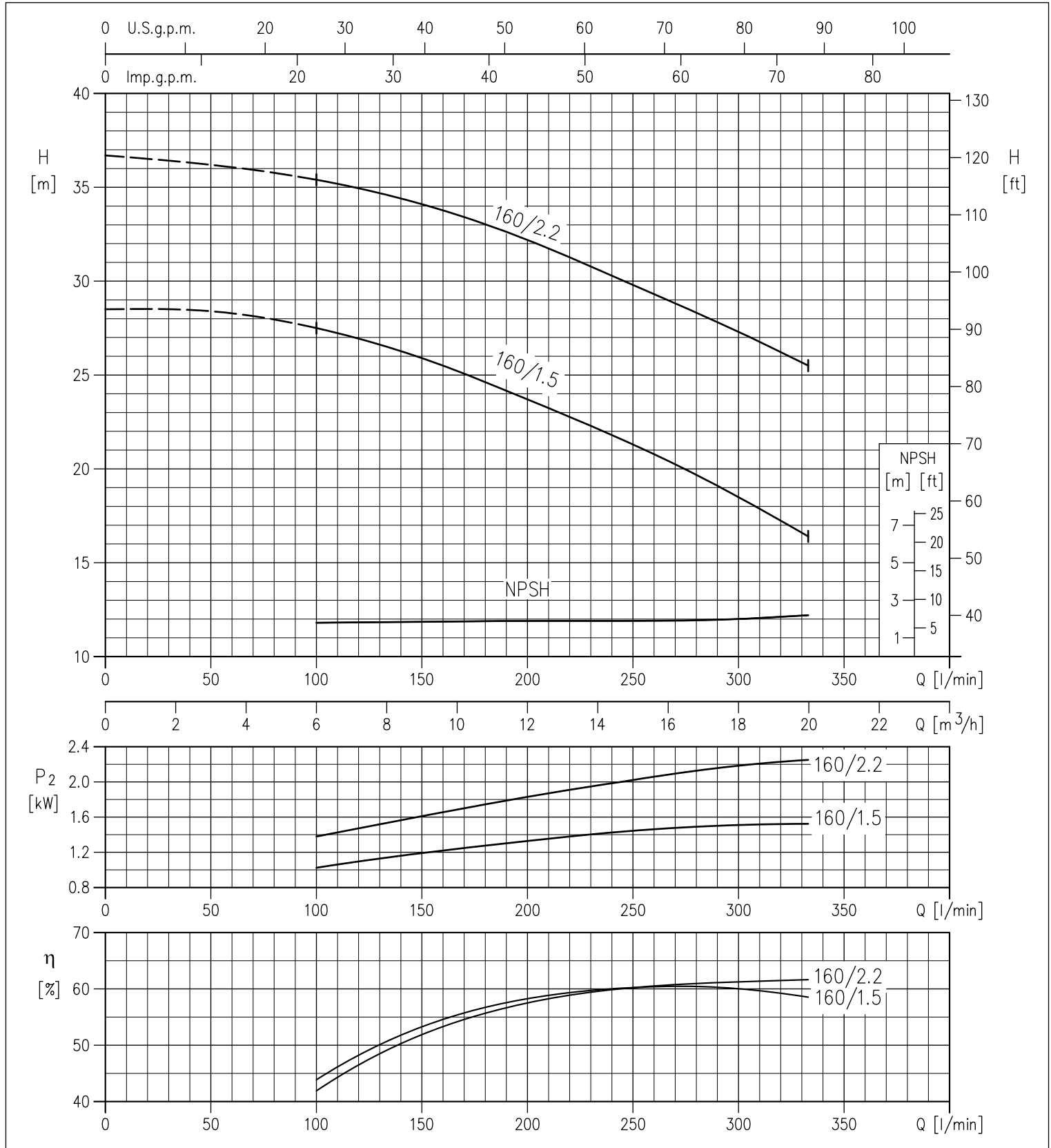


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 32-160 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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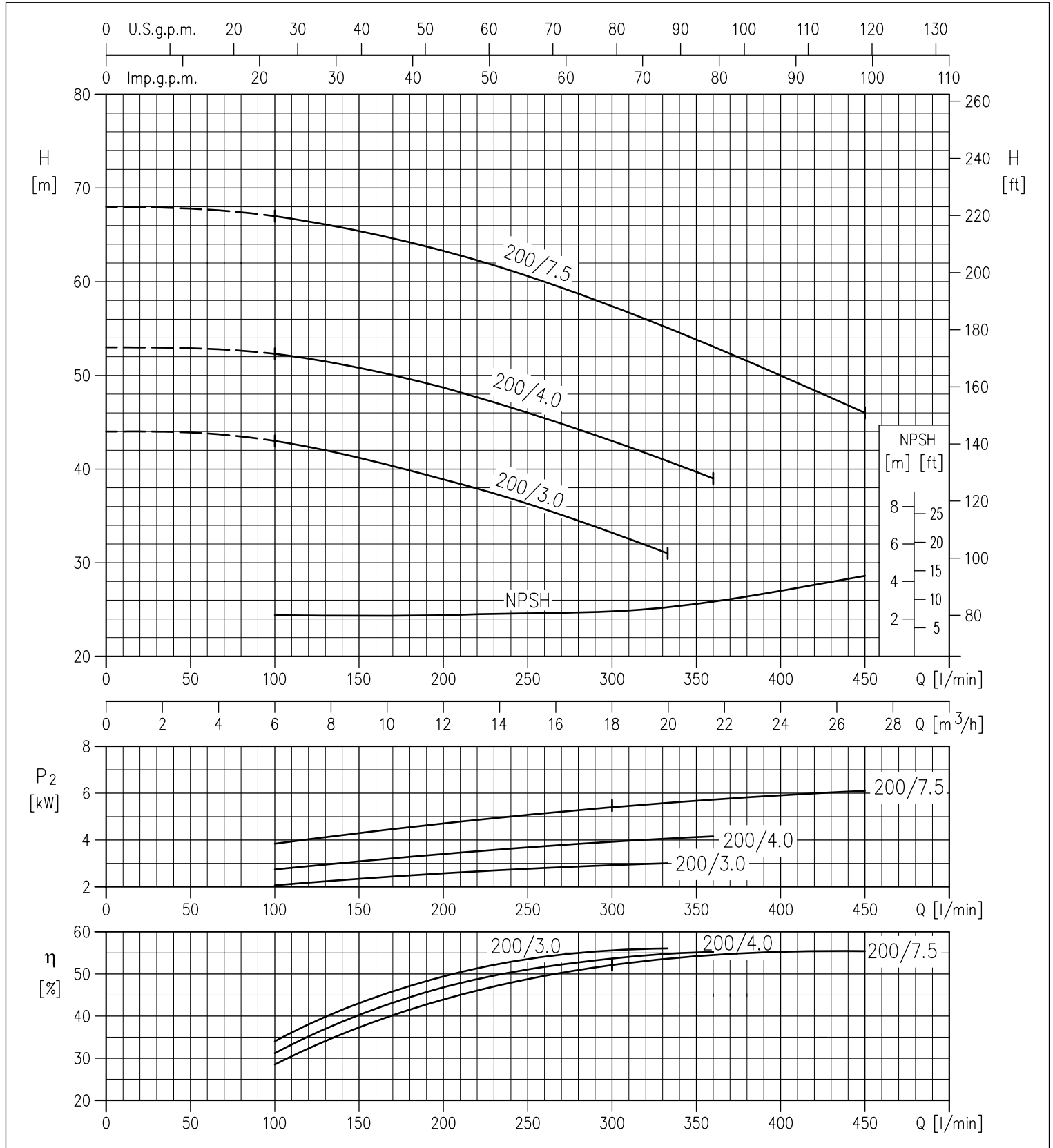


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PERFORMANCE CURVES 3D(.) 32-200 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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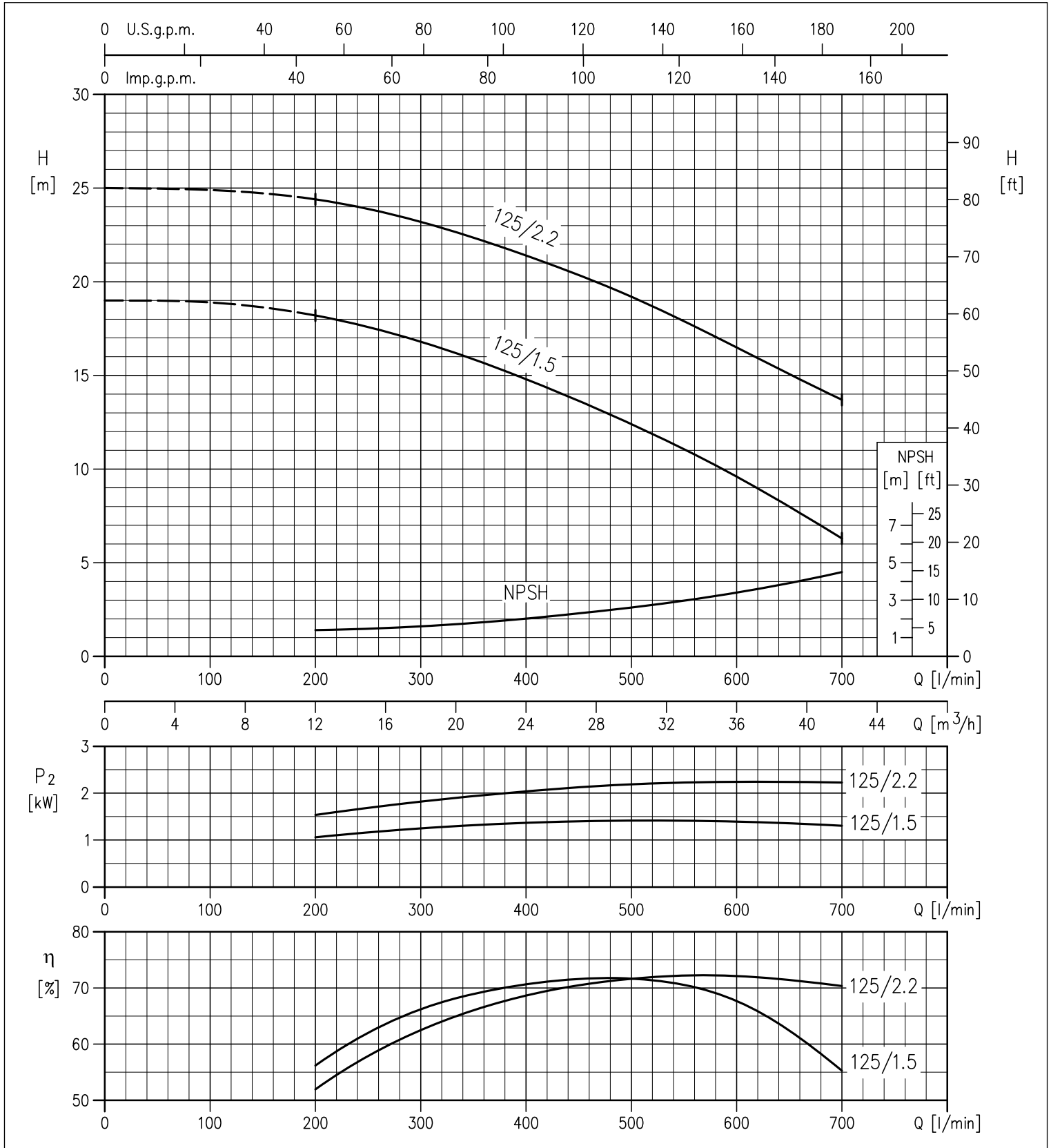


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 40-125 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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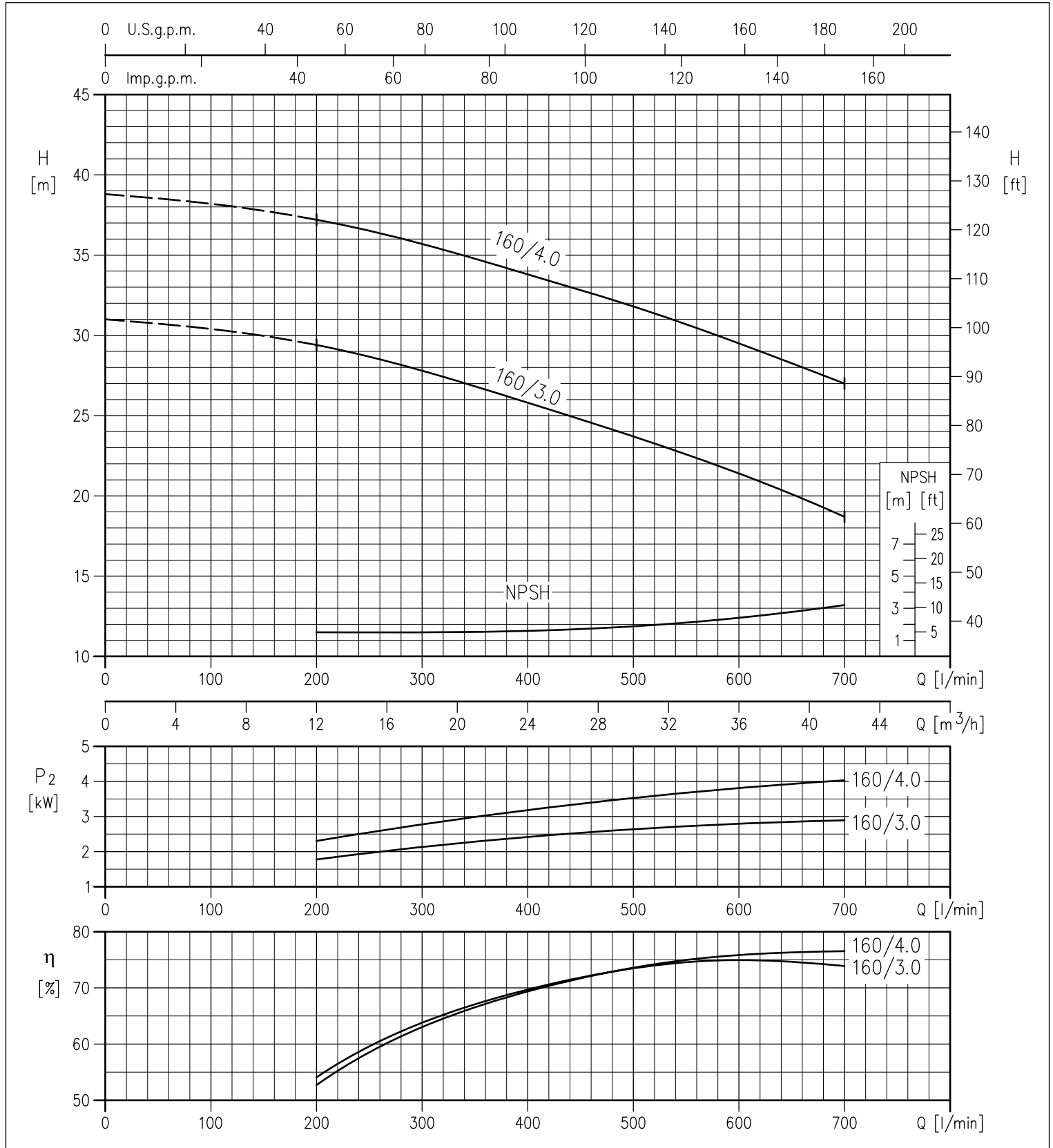


3D SERIES

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PERFORMANCE CURVES 3D(.) 40-160 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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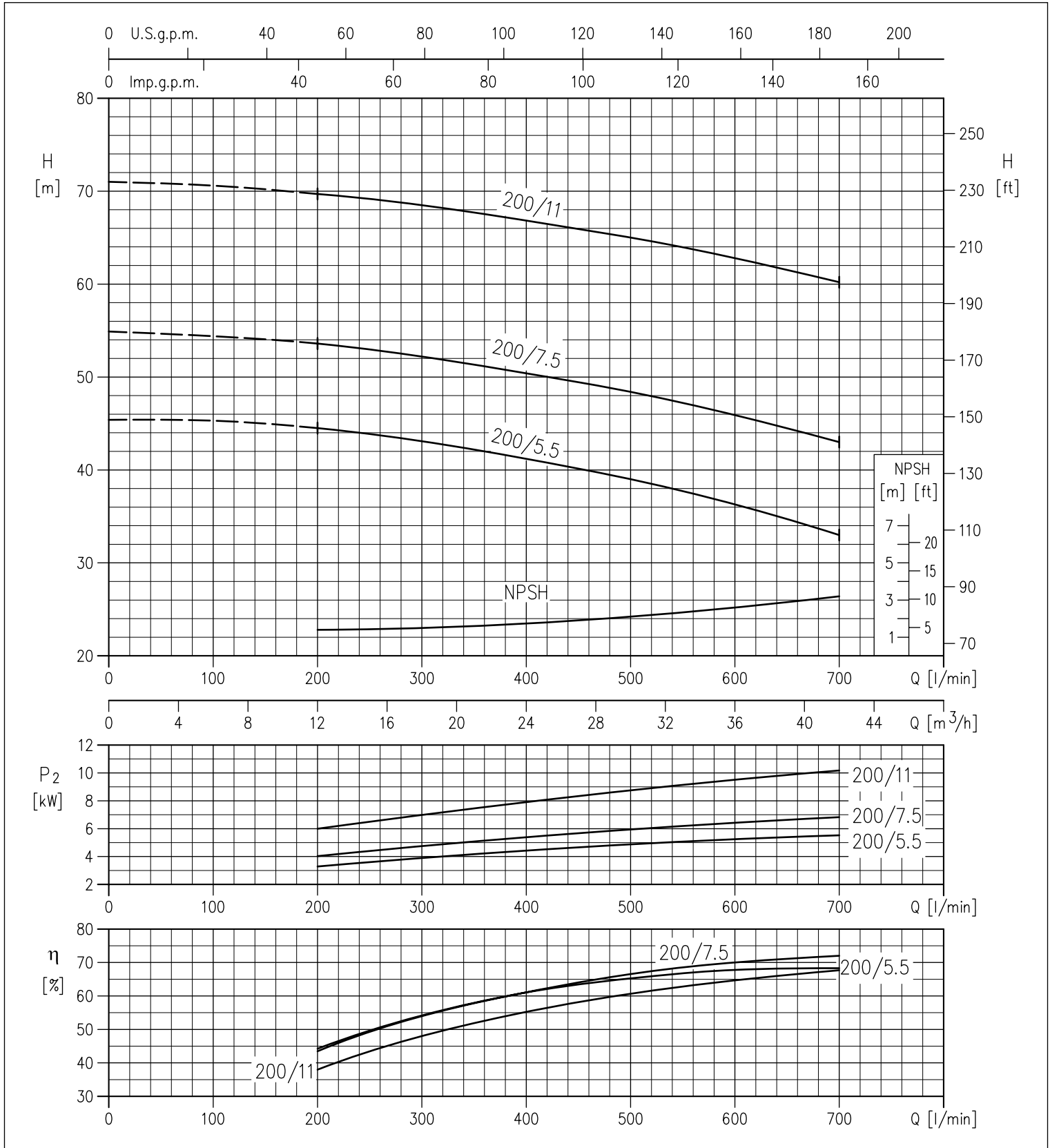


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PERFORMANCE CURVES 3D(.) 40-200 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

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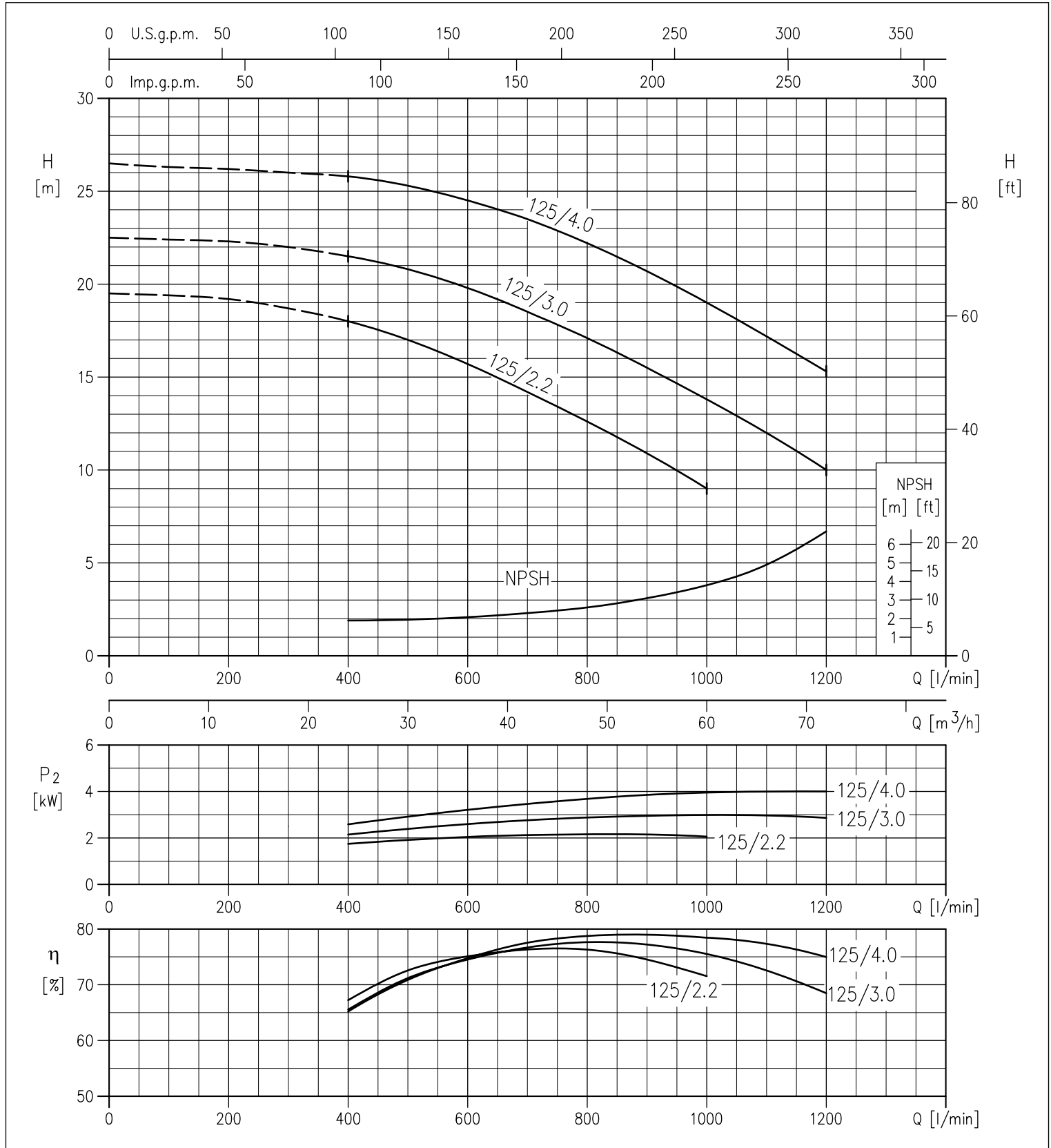


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 50-125 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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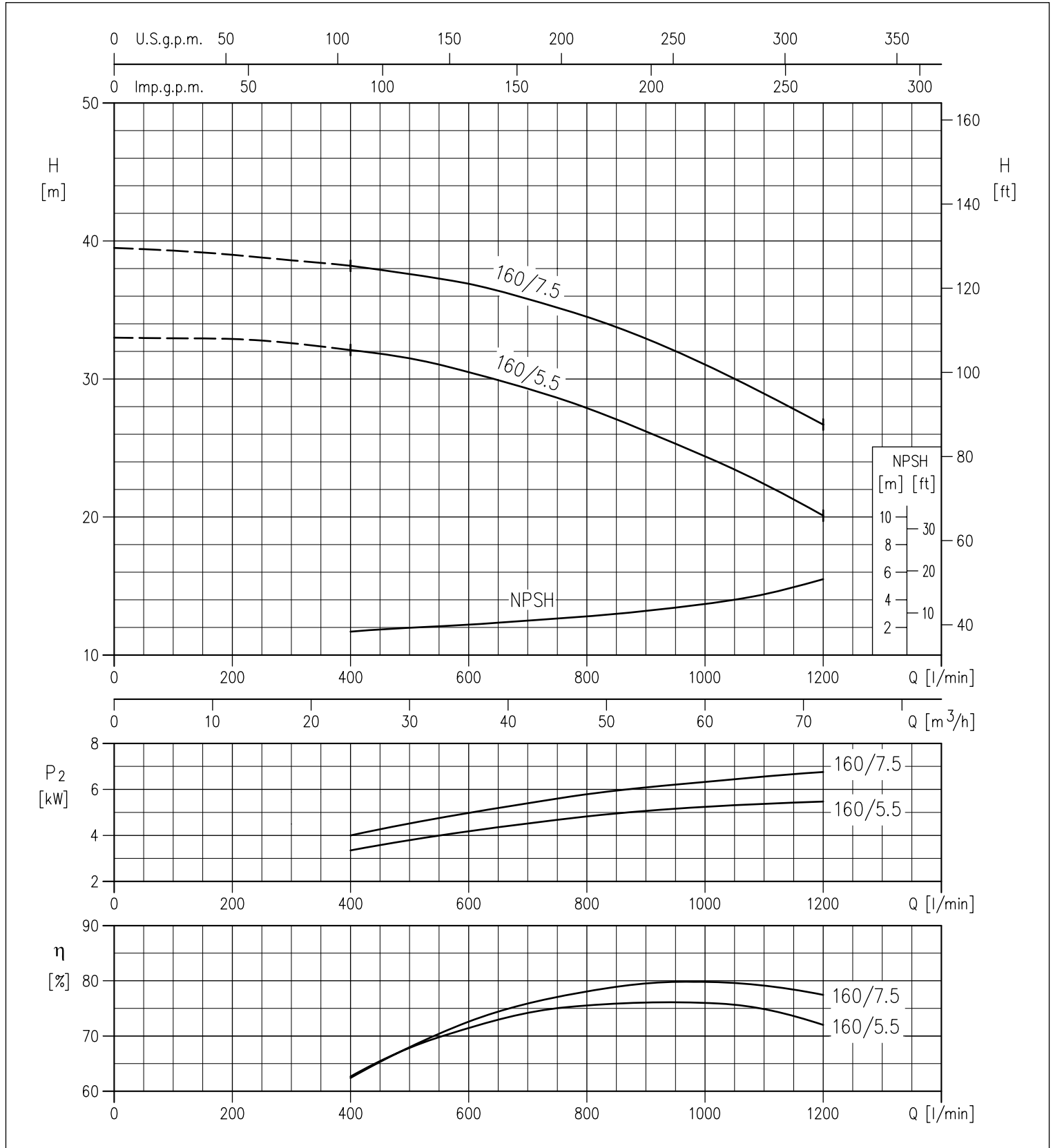


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 50-160 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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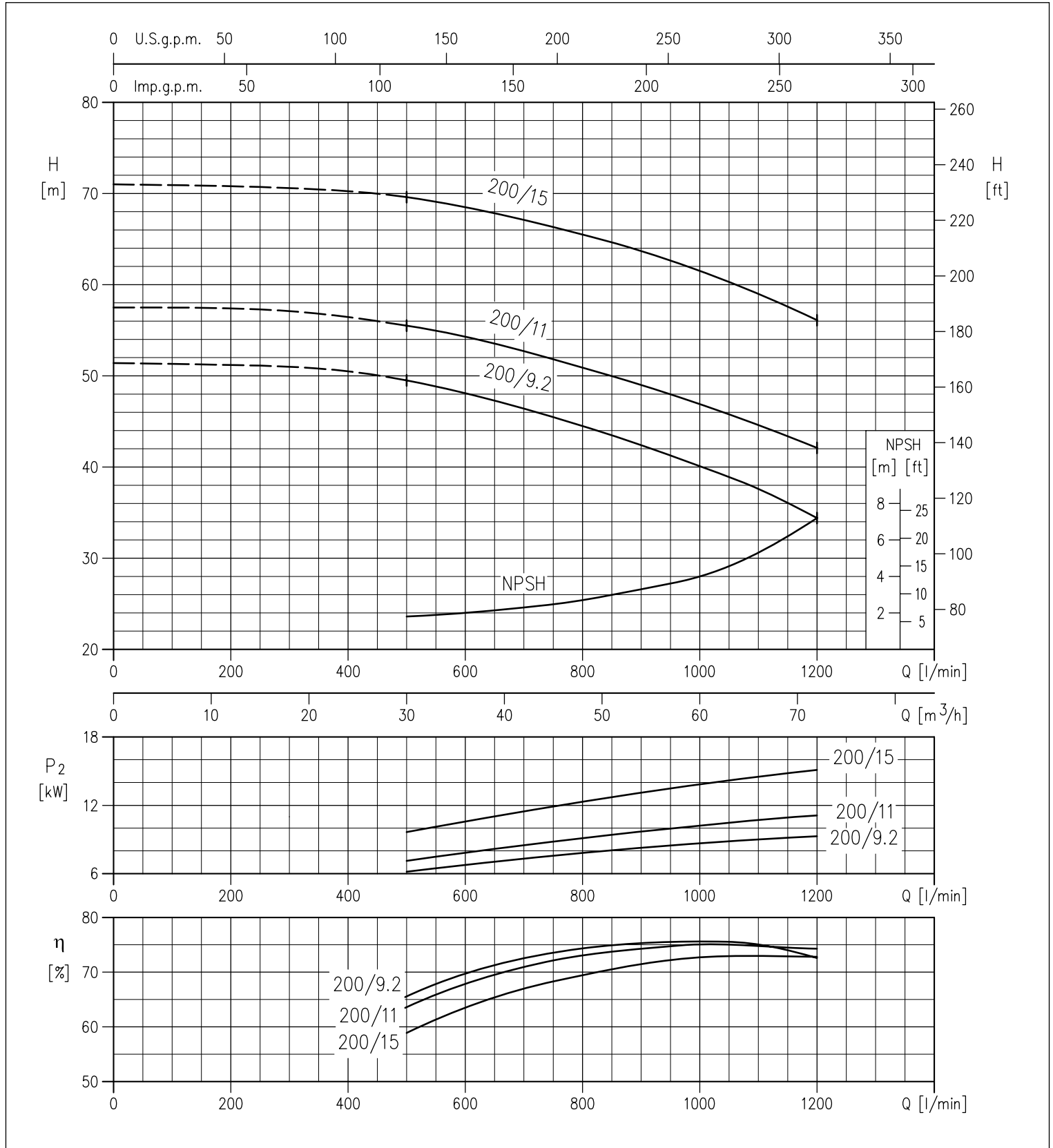


3D SERIES

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PERFORMANCE CURVES 3D(.) 50-200 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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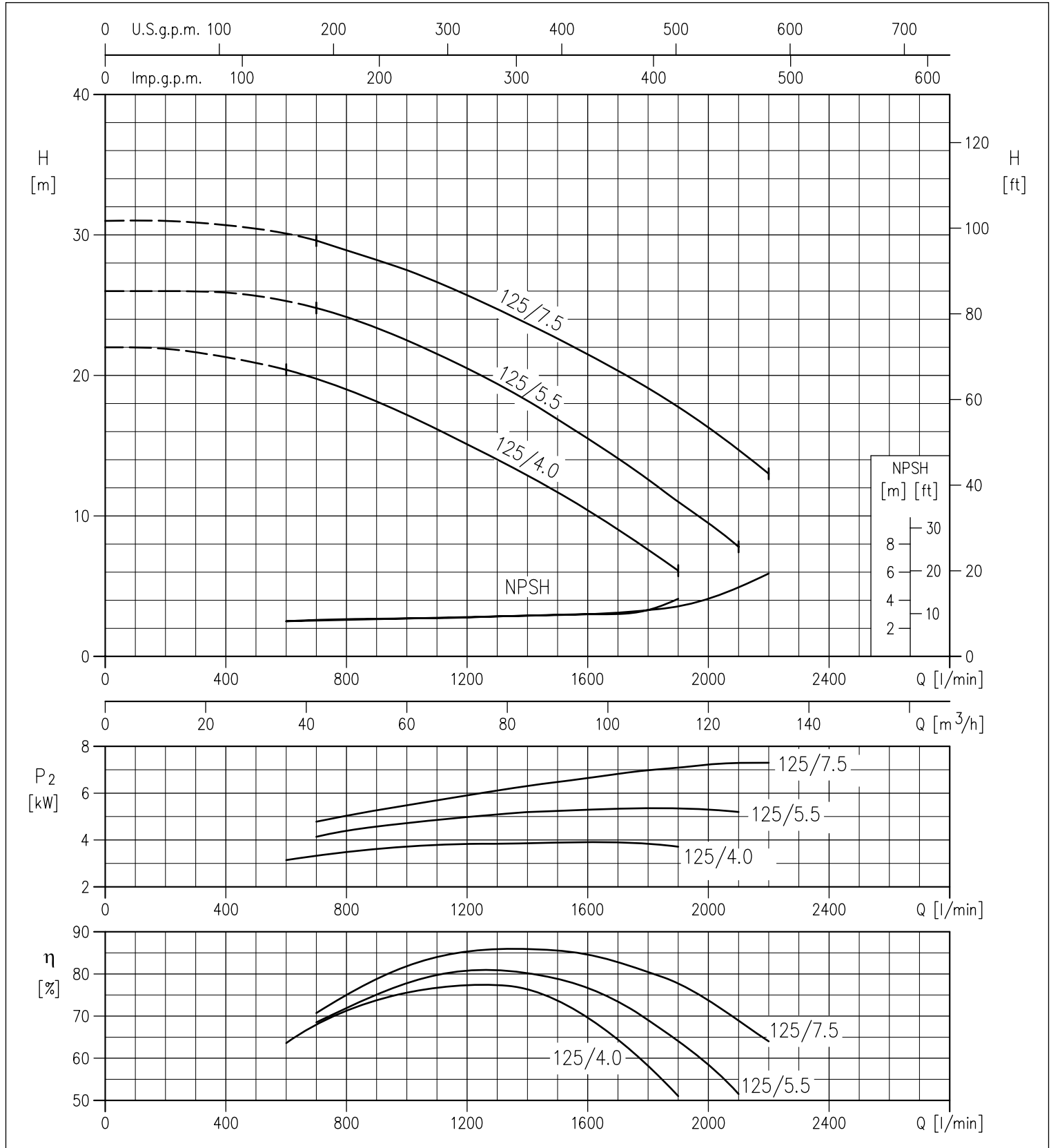


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 65-125 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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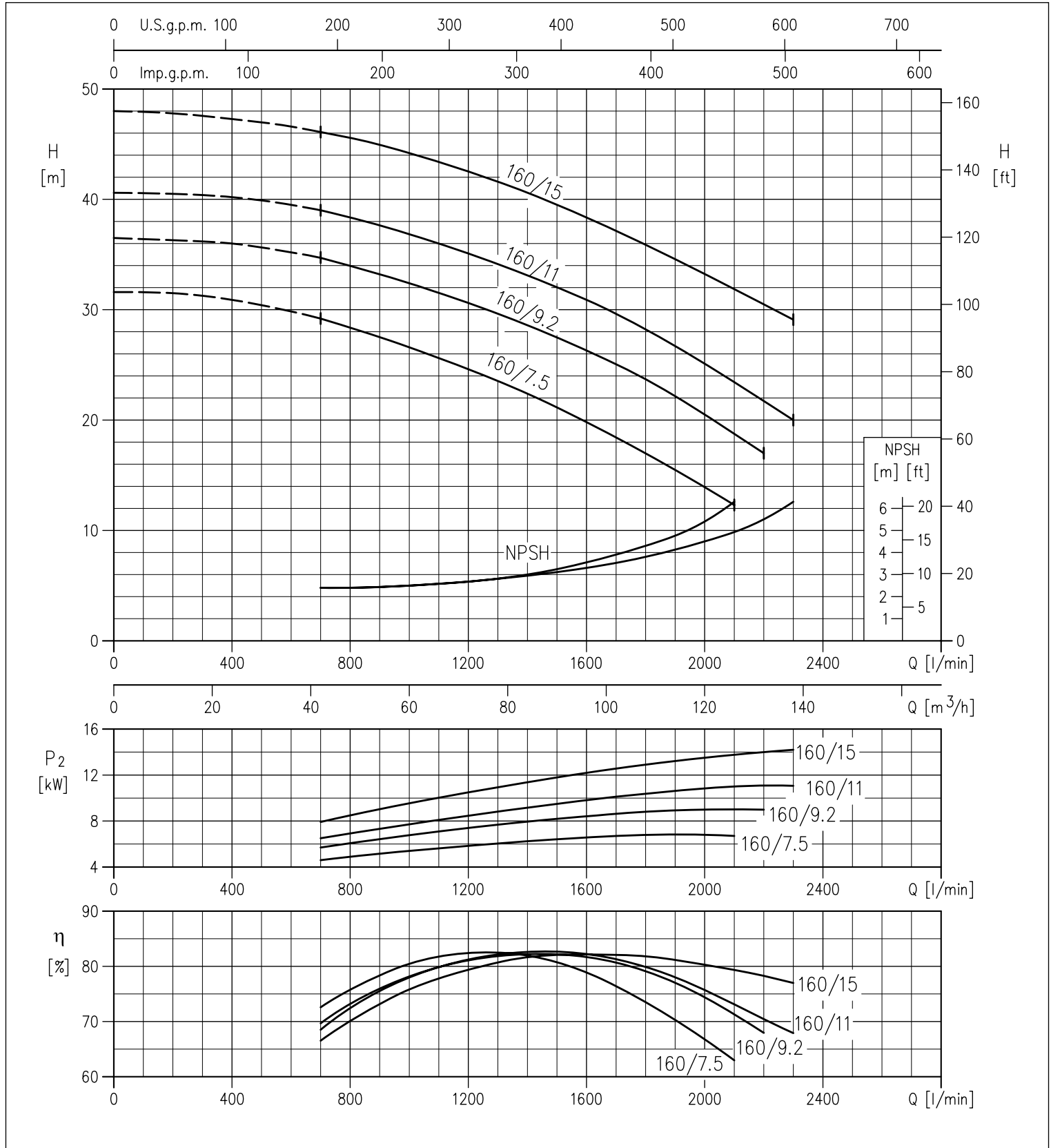


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 65-160 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



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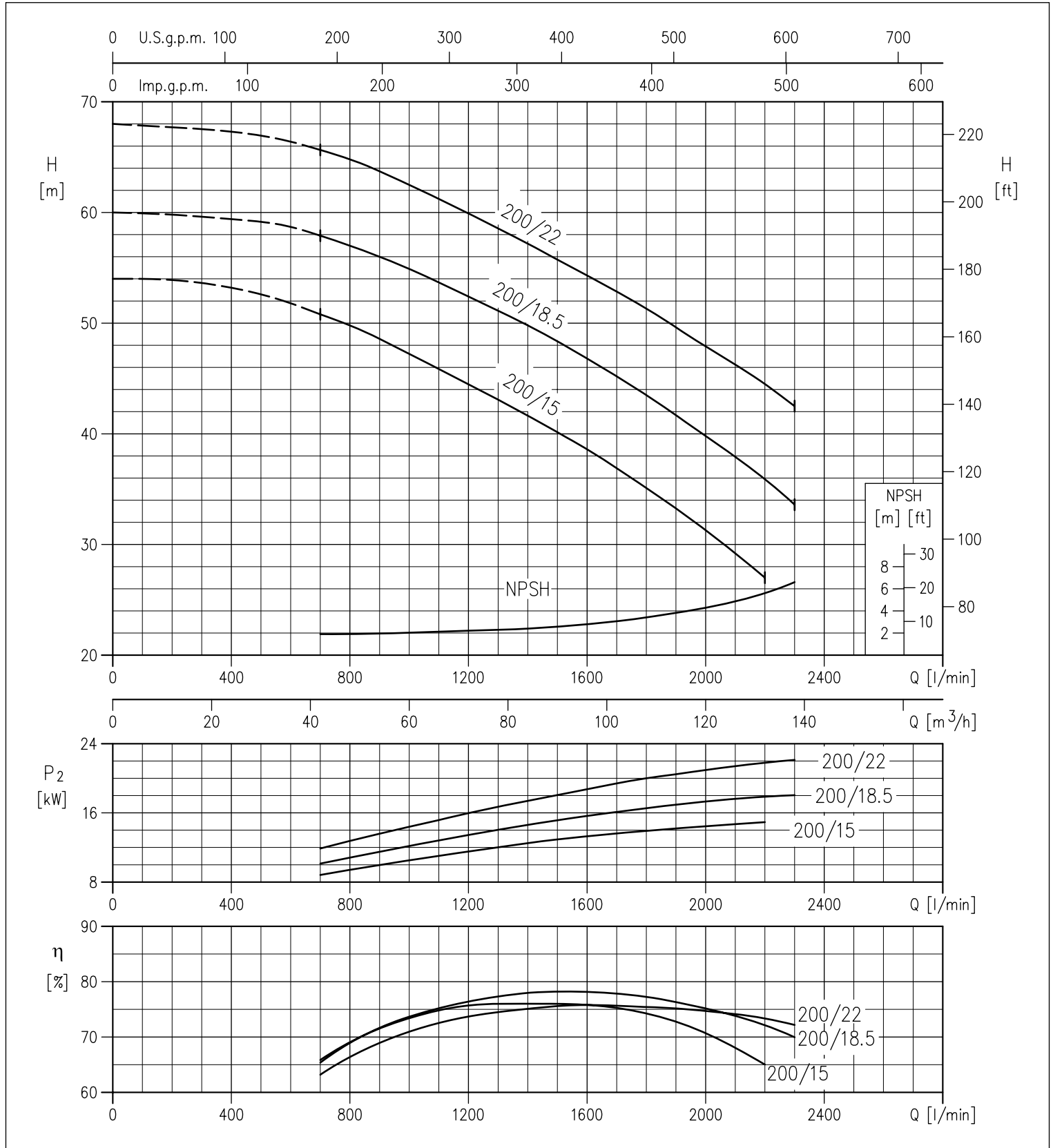


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.) 65-200 series at 2900 min⁻¹ (according to ISO 9906 Attachment A)

2 Poles



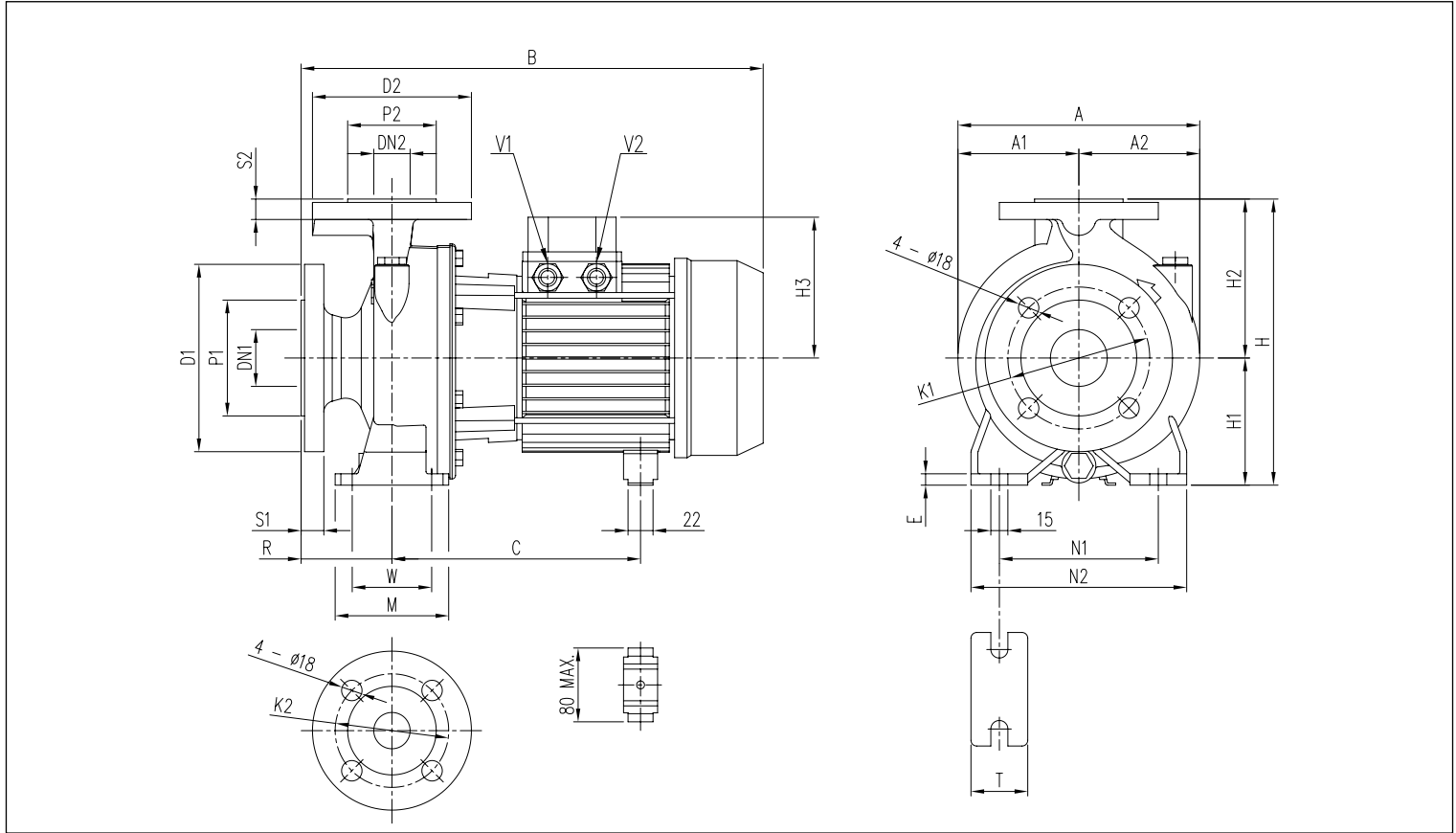
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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

DIMENSIONS 3D SERIES - up to 11kW

2 Poles



DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | | | | | | | Weight [kg] | | | | | | | | | | | | |
|------------------|-----------------|---------|---------|---------|----|----------|---------|---------|---------|----|-----|-----|-----|-----------|-----|-----|----|-----|-----|-----|----|----|-----|-------|-------|----------|-------------|-----|----------|---------|-----------|---------|-----------|------|--------|---|------|------|---|
| | DN1 Ø | P1 Ø | K1 Ø | D1 Ø | S1 | DN2 Ø | P2 Ø | K2 Ø | D2 Ø | S2 | H | H1 | H2 | H3 [2] | [1] | R | W | M | N1 | N2 | T | E | A | A1 | A2 | B [2] | [1] | [*] | C [2] | [1] | V1 [1] | [2] | V2 [1] | [2] | [*] | | | | |
| 3D 32-125/1.1(M) | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 252 | 112 | 140 | 141 | 124 | 80 | 70 | 100 | 140 | 190 | 50 | 10 | 213 | 106.5 | 106.5 | 408 | 407 | - | 219÷230 | 219÷230 | - | M20x1,5 | PG13,5 | 25,0 | 29,5 | - | | | |
| 3D 32-160/1.5(M) | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 292 | 132 | 160 | 141 | 124 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | 408 | 432 | - | 219÷230 | 219÷230 | - | M20x1,5 | PG13,5 | 29,0 | 33,5 | - | | | |
| 3D 32-160/2.2(M) | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 292 | 132 | 160 | 141 | 124 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | 408 | 432 | - | 219÷230 | 244÷255 | - | M20x1,5 | PG13,5 | 35,7 | 36,0 | - | | | |
| 3D 32-200/3.0 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 340 | 160 | 180 | - | 124 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 296 | 148 | 148 | - | 471 | - | - | 244÷255 | - | - | PG13,5 | - | PG16 | - | 47,5 | - | |
| 3D 32-200/4.0 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 340 | 160 | 180 | - | 141 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 296 | 148 | 148 | - | 494 | - | - | 253 | - | - | PG16 | - | PG16 | - | 50,0 | - | |
| 3D 32-200/7.5 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 340 | 160 | 180 | - | 150 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 296 | 148 | 148 | - | 519 | 539 | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 62,0 | 65,1 | |
| 3D 40-125/1.5(M) | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 252 | 112 | 140 | 141 | 124 | 80 | 70 | 100 | 160 | 210 | 50 | 10 | 220 | 108 | 112 | 408 | 407 | - | 219÷230 | 219÷230 | - | M20x1,5 | PG13,5 | 25,5 | 30,0 | - | | | |
| 3D 40-125/2.2(M) | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 292 | 132 | 160 | - | 124 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | - | 471 | - | - | 244÷255 | - | - | PG13,5 | - | PG13,5 | - | 31,7 | 32,0 | - |
| 3D 40-160/3.0 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 292 | 132 | 160 | - | 124 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | - | 471 | - | - | 244÷255 | - | - | PG13,5 | - | PG16 | - | 39,0 | - | |
| 3D 40-160/4.0 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 292 | 132 | 160 | - | 141 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | - | 494 | - | - | 253 | - | - | PG16 | - | PG16 | - | 48,0 | - | |
| 3D 40-200/5.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 340 | 160 | 180 | - | 150 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | - | 539 | - | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 60,0 | - | |
| 3D 40-200/7.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 340 | 160 | 180 | - | 150 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | - | 539 | 559 | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 63,0 | 66,1 | |
| 3D 40-200/11 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 340 | 160 | 180 | - | 178 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | - | 595 | - | - | 359 | PG13,5 | - | PG21 | - | PG21 | - | 80,0 | 82,4 | |
| 3D 50-125/2.2(M) | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 292 | 132 | 160 | 141 | 124 | 100 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | 428 | 452 | - | 219÷230 | 244÷255 | - | M20x1,5 | PG13,5 | 34,4 | 37,0 | - | | | |
| 3D 50-125/3.0 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 292 | 132 | 160 | - | 124 | 100 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | - | 491 | - | - | 244÷255 | - | - | PG13,5 | - | PG13,5 | - | 39,5 | - | |
| 3D 50-125/4.0 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 292 | 132 | 160 | - | 141 | 100 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | - | 514 | - | - | 253 | - | - | PG16 | - | PG16 | - | 48,0 | - | |
| 3D 50-160/5.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 340 | 160 | 180 | - | 150 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | - | 539 | - | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 60,0 | - | |
| 3D 50-160/7.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 340 | 160 | 180 | - | 150 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | - | 539 | 559 | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 64,0 | 67,1 | |
| 3D 50-200/9.2 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 360 | 160 | 200 | - | 178 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | - | 595 | - | - | 359 | PG13,5 | - | PG21 | - | PG21 | - | 77,0 | 77,0 | |
| 3D 50-200/11 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 360 | 160 | 200 | - | 178 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | - | 595 | - | - | 359 | PG13,5 | - | PG21 | - | PG21 | - | 80,0 | 82,4 | |
| 3D 65-125/4.0 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 340 | 160 | 180 | - | 141 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 263 | 127 | 136 | - | 514 | - | - | 253 | - | - | PG16 | - | PG16 | - | 53,0 | - | |
| 3D 65-125/5.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 340 | 160 | 180 | - | 150 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 263 | 127 | 136 | - | 539 | - | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 65,0 | - | |
| 3D 65-125/7.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 340 | 160 | 180 | - | 150 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 263 | 127 | 136 | - | 539 | 559 | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 69,5 | 72,6 | |
| 3D 65-160/7.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 360 | 160 | 200 | - | 150 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 296 | 148 | 148 | - | 539 | 559 | - | 275 | PG13,5 | - | PG16 | - | PG16 | - | 70,0 | 73,1 | |
| 3D 65-160/9.2 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 360 | 160 | 200 | - | 178 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 296 | 148 | 148 | - | 595 | - | - | 359 | PG13,5 | - | PG21 | - | PG21 | - | 85,0 | 85,0 | |
| 3D 65-160/11 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 360 | 160 | 200 | - | 178 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 296 | 148 | 148 | - | 595 | - | - | 359 | PG13,5 | - | PG21 | - | PG21 | - | 85,0 | 87,4 | |

[1]= Only three-phase [2]= Only single-phase [*]= Only IE3 motors

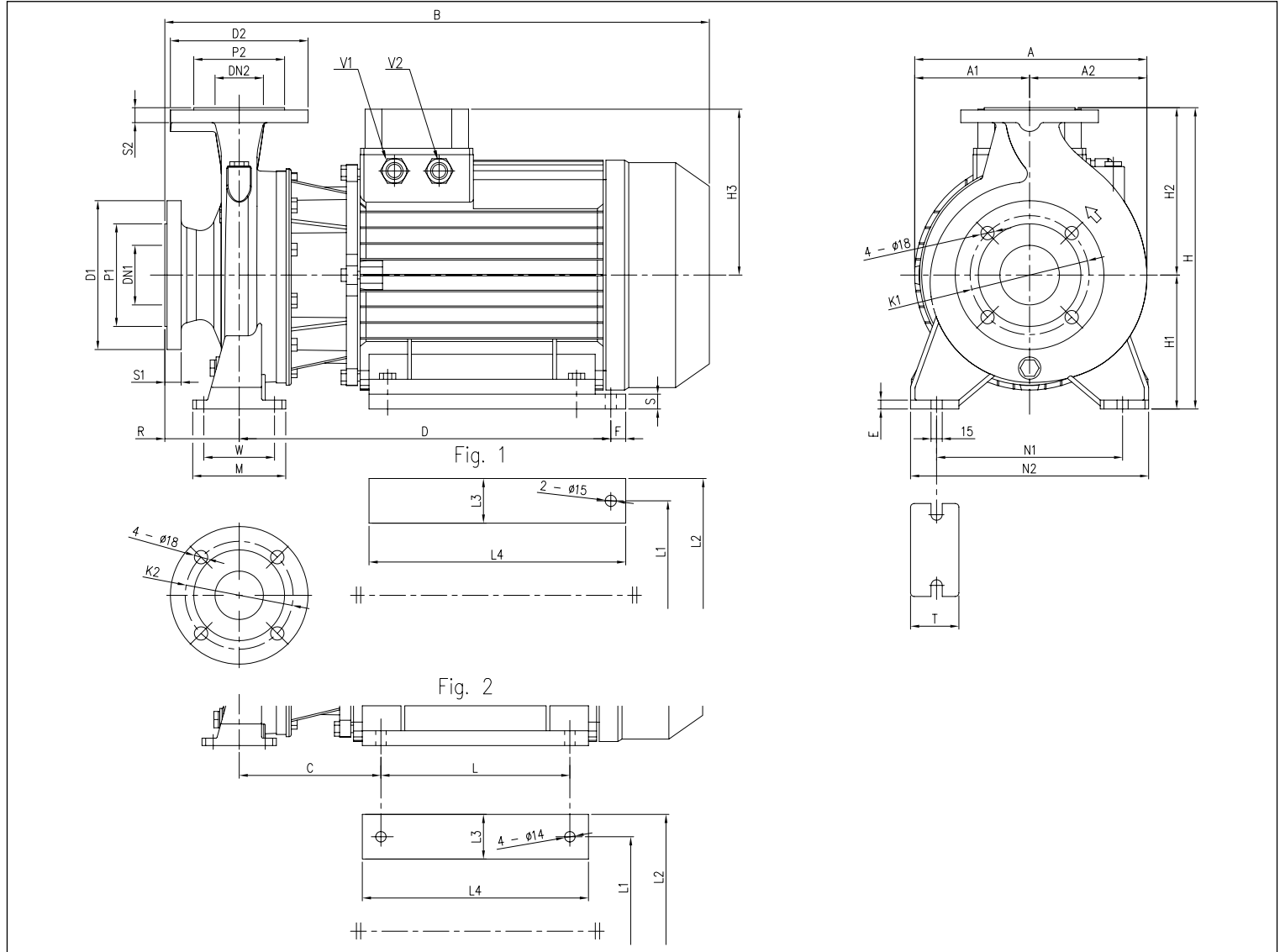
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3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

DIMENSIONS 3D SERIES - from 15kW and above

2 Poles



DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | Weight [kg] | | | | | | | | | | | | | | | | | | |
|----------------|-----------------|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|------|-----|----|-----|-----|-----|-------------|----|-----|-------|-------|-----|-------|-----|-----|-----|----|-----|-------|----|----|-------|-------|-------|-------|
| | DN1 | P1 | K1 | D1 | S1 | DN2 | P2 | K2 | D2 | S2 | H | H1 | H2 | H3 | Fig. | R | W | M | N1 | N2 | T | E | A | A1 | A2 | B | C | L | L1 | L2 | L3 | L4 | D | F | S | V1 | V2 | [*] | [*] |
| 3D 50-200/15 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 360 | 160 | 200 | 223 | 2 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 154,5 | 141,5 | 723 | 190,5 | 254 | 254 | 318 | 64 | 304 | - | - | - | PG 21 | PG 21 | 121,0 | 124,1 |
| 3D 65-160/15 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 360 | 160 | 200 | 223 | 2 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 296 | 154,5 | 141,5 | 732 | 199,5 | 254 | 254 | 318 | 64 | 304 | - | - | - | PG 21 | PG 21 | 126,0 | 129,1 |
| 3D 65-200/15 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 405 | 180 | 225 | 223 | 1 | 100 | 95 | 125 | 250 | 320 | 65 | 12 | 312 | 154,5 | 157,5 | 732 | - | - | 254 | 314 | 60 | 345 | 499,5 | 20 | 20 | PG 21 | PG 21 | 126,0 | 129,1 |
| 3D 65-200/18,5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 405 | 180 | 225 | 223 | 1 | 100 | 95 | 125 | 250 | 320 | 65 | 12 | 312 | 154,5 | 157,5 | 732 | - | - | 254 | 314 | 60 | 345 | 499,5 | 20 | 20 | PG 21 | PG 21 | 140,0 | 146,3 |
| 3D 65-200/22 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 405 | 180 | 225 | 223 | 1 | 100 | 95 | 125 | 250 | 320 | 65 | 12 | 312 | 154,5 | 157,5 | 732 | - | - | 254 | 314 | 60 | 345 | 499,5 | 20 | 20 | PG 21 | PG 21 | 152,0 | 158,1 |

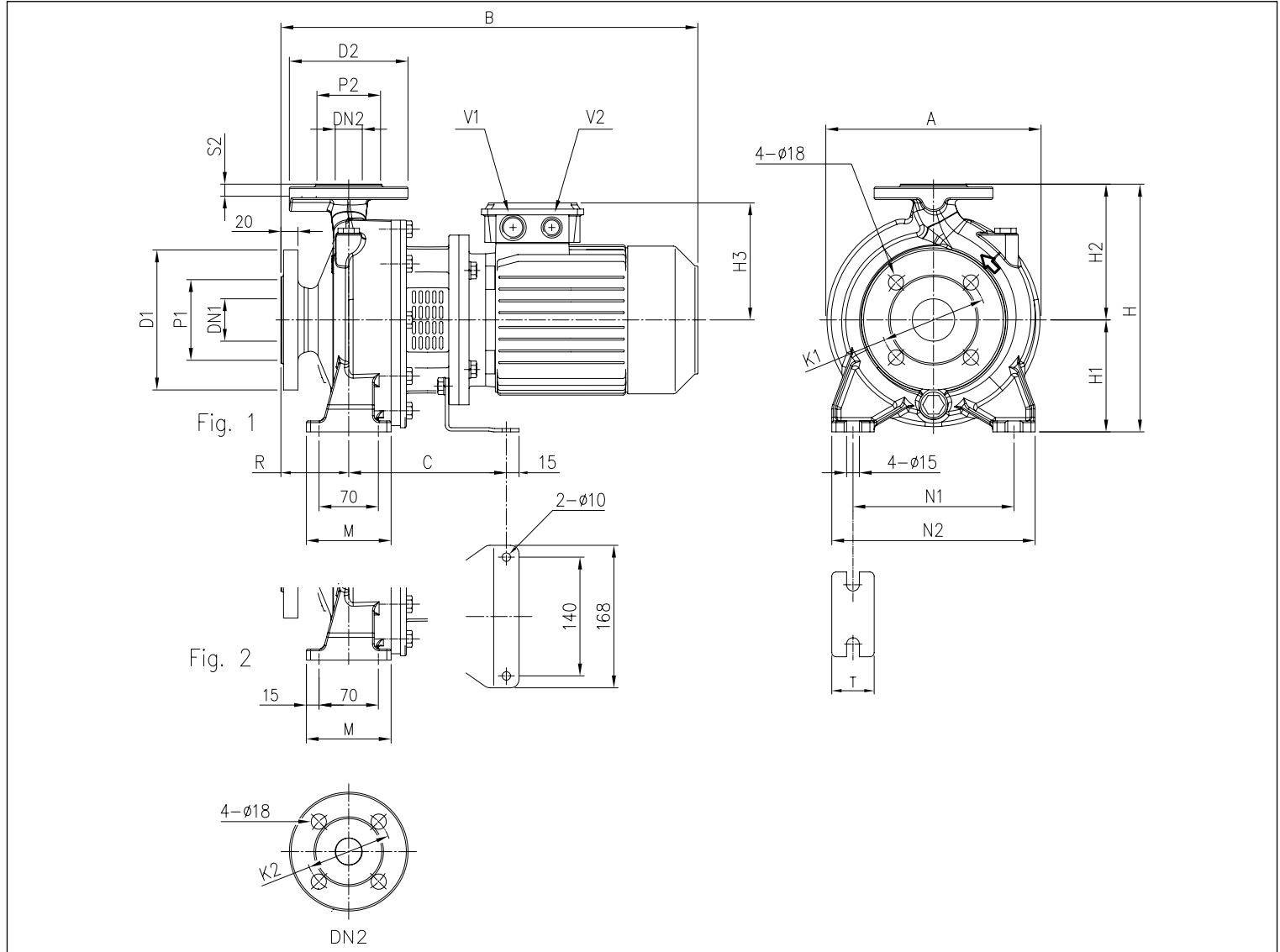
[*]= Only for IE3 motors

3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

DIMENSIONS 3DS 32, 40, 50 SERIES

2 Poles



DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | Weight [kg] | | | | | |
|----------------|-----------------|------|------|------|-------|------|------|------|----|------|-----|-----|-----|-----|-----|-----|-----|-----|----|-------------|-----|-----|---------|---------|------|
| | DN1 Ø | P1 Ø | K1 Ø | D1 Ø | DN2 Ø | P2 Ø | K2 Ø | D2 Ø | S2 | Fig. | H | H1 | H2 | H3 | R | M | N1 | N2 | T | | A | B | C | V1 | V2 |
| 3DS 32-125/1.1 | 50 | 102 | 125 | 165 | 32 | 78 | 100 | 140 | 18 | 1 | 252 | 112 | 140 | 139 | 80 | 100 | 140 | 190 | 50 | 213 | 430 | 174 | M25x1,5 | M20x1,5 | 30,5 |
| 3DS 32-160/1.5 | 50 | 102 | 125 | 165 | 32 | 75 | 100 | 140 | 18 | 1 | 292 | 132 | 160 | 148 | 80 | 100 | 190 | 240 | 50 | 254 | 477 | 186 | M25x1,5 | M20x1,5 | 36,3 |
| 3DS 32-160/2.2 | 50 | 102 | 125 | 165 | 32 | 75 | 100 | 140 | 18 | 1 | 292 | 132 | 160 | 148 | 80 | 100 | 190 | 240 | 50 | 254 | 477 | 186 | M25x1,5 | M20x1,5 | 40,4 |
| 3DS 40-125/1.5 | 65 | 115 | 145 | 185 | 40 | 80 | 110 | 150 | 14 | 1 | 252 | 112 | 140 | 148 | 80 | 114 | 160 | 210 | 50 | 213 | 477 | 186 | M25x1,5 | M20x1,5 | 31,9 |
| 3DS 40-125/2.2 | 65 | 115 | 145 | 185 | 40 | 80 | 110 | 150 | 14 | 1 | 252 | 112 | 140 | 148 | 80 | 114 | 160 | 210 | 50 | 213 | 477 | 186 | M25x1,5 | M20x1,5 | 35,5 |
| 3DS 50-125/2.2 | 65 | 115 | 145 | 185 | 50 | 95 | 125 | 165 | 16 | 2 | 292 | 132 | 160 | 148 | 100 | 114 | 190 | 240 | 50 | 254 | 497 | 186 | M25x1,5 | M20x1,5 | 37,9 |

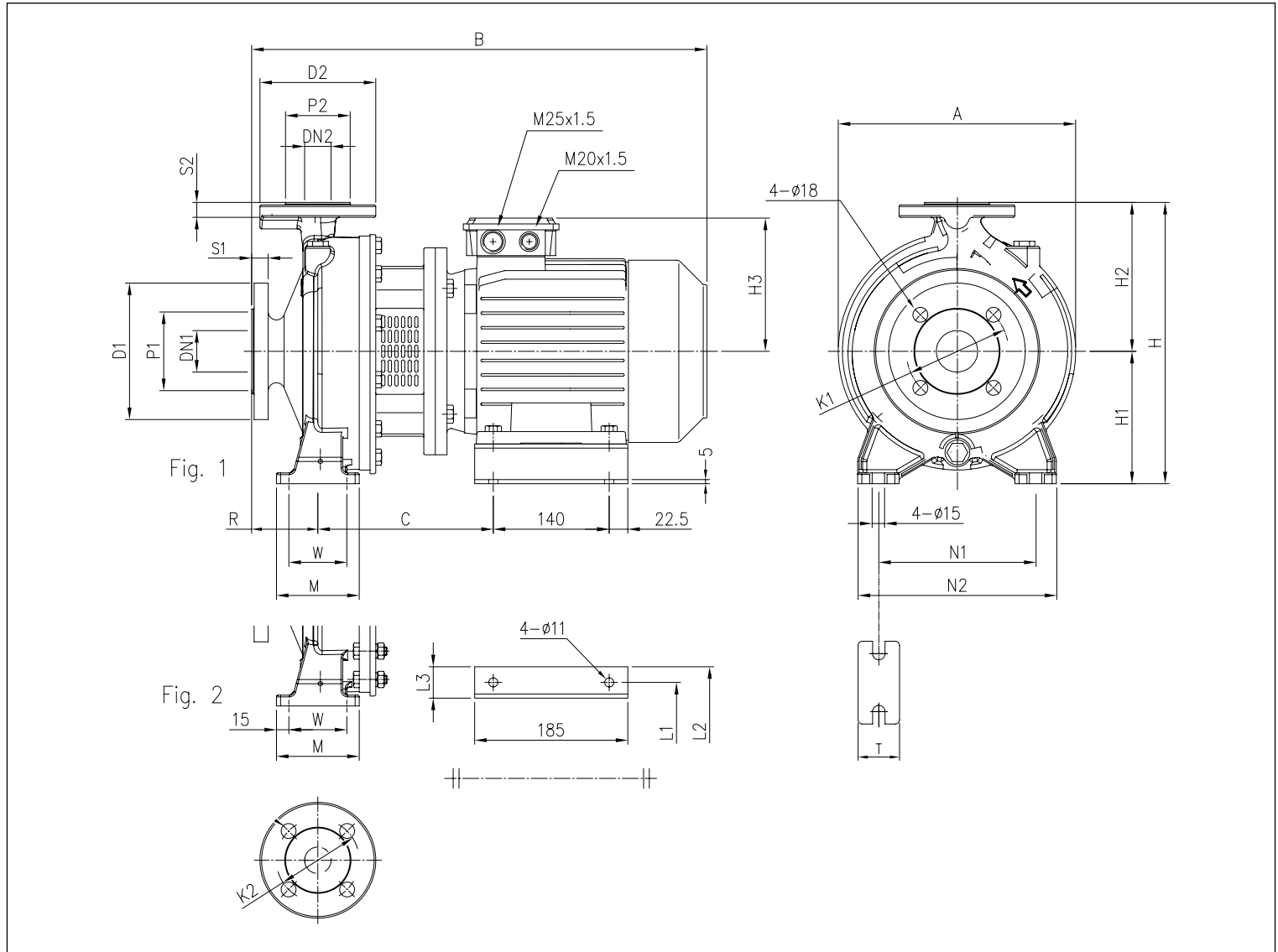
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3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

DIMENSIONS 3DS 32, 65 SERIES

2 Poles



DIMENSIONAL TABLE

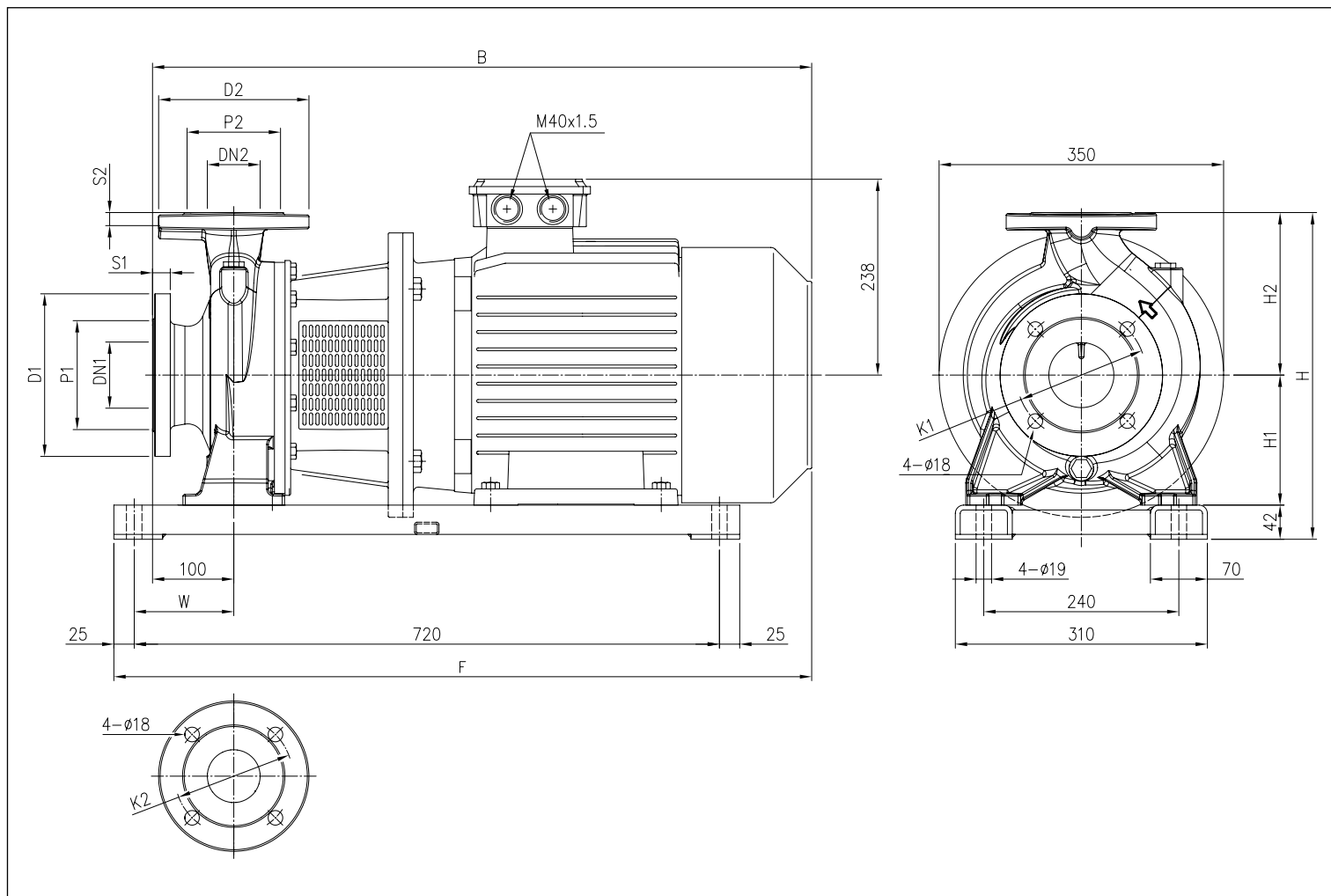
| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | Weight [kg] | | | | | | | |
|----------------|-----------------|---------|---------|---------|----|----------|---------|---------|---------|----|------|-----|-----|-----|-----|-----|----|-----|-----|-----|-------------|-----|-----|-----|-----|-----|----|------|
| | DN1 Ø | P1 Ø | K1 Ø | D1 Ø | S1 | DN2 Ø | P2 Ø | K2 Ø | D2 Ø | S2 | Fig. | H | H1 | H2 | H3 | R | W | M | N1 | N2 | | T | A | B | C | L1 | L2 | L3 |
| 3DS 32-200/3.0 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 155 | 80 | 70 | 100 | 190 | 240 | 50 | 296 | 528 | 205 | 160 | 202 | 42 | 59,3 |
| 3DS 32-200/4.0 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 171 | 80 | 70 | 100 | 190 | 240 | 50 | 296 | 550 | 212 | 190 | 228 | 38 | 60,8 |
| 3DS 65-125/4.0 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 171 | 100 | 95 | 125 | 212 | 280 | 65 | 180 | 570 | 212 | 190 | 228 | 38 | 65,4 |

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

DIMENSIONS 3DS 40, 50, 65 SERIES

2 Poles



DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | Weight [kg] | |
|---------------|-----------------|---------|---------|---------|----|----------|---------|---------|---------|----|-----|-----|-----|-----|-----|-----|-------------|-------|
| | DN1 Ø | P1 Ø | K1 Ø | D1 Ø | S1 | DN2 Ø | P2 Ø | K2 Ø | D2 Ø | S2 | H | H1 | H2 | W | B | F | [*] | |
| 3DS 40-200/11 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 382 | 160 | 180 | 110 | 796 | 833 | 120,0 | 130,8 |
| 3DS 50-200/11 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 402 | 160 | 200 | 110 | 796 | 833 | 120,0 | 130,8 |
| 3DS 50-200/15 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 402 | 160 | 200 | 110 | 796 | 833 | 150,0 | 166,9 |
| 3DS 65-160/11 | 80 | 138 | 160 | 200 | 22 | 65 | 115 | 145 | 185 | 20 | 402 | 160 | 200 | 123 | 806 | 846 | 96,0 | 106,8 |
| 3DS 65-160/15 | 80 | 138 | 160 | 200 | 22 | 65 | 115 | 145 | 185 | 20 | 402 | 160 | 200 | 123 | 806 | 846 | 126,0 | 142,9 |

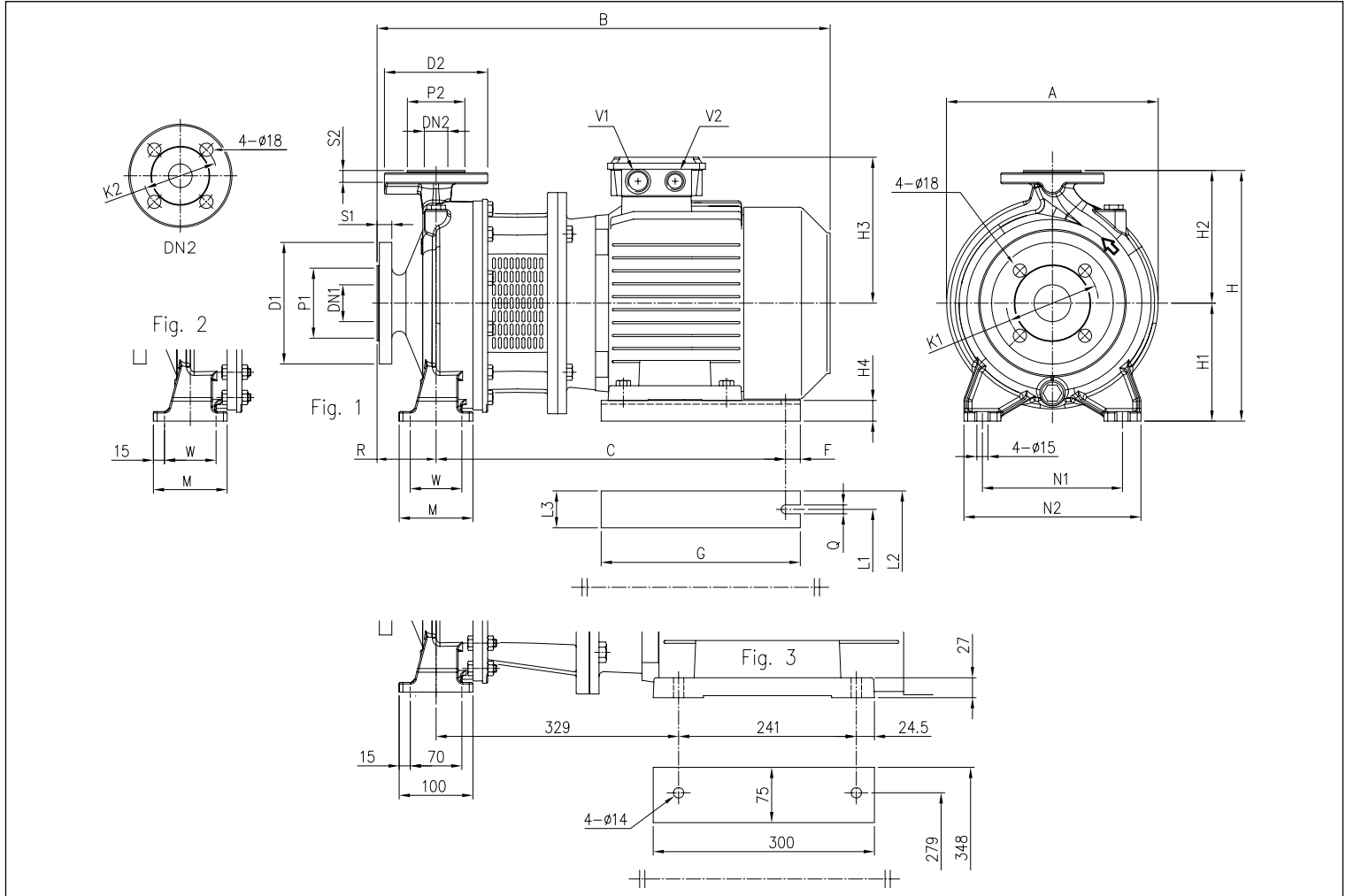
[*]= Only for IE3 motors

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

DIMENSIONS 3DS 32, 40, 50, 65 SERIES

2 Poles



DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | | | | | | | Weight [kg] | | | | | | | | | | |
|-----------------|-----------------|-----|-----|-----|----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|----|-----|----|-----|-----|-----|----|-----|-----|-----|----|-------------|----|-----|-----|----|---------|---------|---------|---------|-------|-------|
| | DN1 | P1 | K1 | D1 | S1 | DN2 | P2 | K2 | D2 | S2 | Fig. | H | H1 | H2 | H3 | H4 | R | W | M | N1 | N2 | T | A | B | C | F | | G | Q | L1 | L2 | L3 | V1 | V2 | | | |
| 3DS 32-200/7.5 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 198 | 28 | 80 | 70 | 100 | 190 | 240 | 50 | 296 | 607 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 90,0 | 92,0 | | |
| 3DS 40-160/3.0 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 292 | 132 | 160 | 155 | 32 | 80 | 70 | 100 | 190 | 240 | 50 | 254 | 528 | 388 | 15 | 220 | 12 | 160 | 200 | 40 | M25X1,5 | M20X1,5 | 65,6 | - | | |
| 3DS 40-160/4.0 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 292 | 132 | 160 | 171 | 20 | 80 | 70 | 100 | 190 | 240 | 50 | 254 | 550 | 395 | 15 | 220 | 12 | 190 | 240 | 50 | M25X1,5 | M20X1,5 | 51,8 | - | | |
| 3DS 40-200/5.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 198 | 28 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 627 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 79,7 | - | | |
| 3DS 40-200/7.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 198 | 28 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 627 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 86,8 | 88,8 | | |
| 3DS 50-125/3.0 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 292 | 132 | 160 | 155 | 32 | 100 | 70 | 100 | 190 | 240 | 50 | 254 | 548 | 388 | 15 | 220 | 12 | 160 | 200 | 40 | M25X1,5 | M20X1,5 | 44,1 | - | | |
| 3DS 50-125/4.0 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 292 | 132 | 160 | 171 | 20 | 100 | 70 | 100 | 190 | 240 | 50 | 254 | 570 | 395 | 15 | 220 | 12 | 190 | 240 | 50 | M25X1,5 | M20X1,5 | 52,7 | - | | |
| 3DS 50-160/5.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 340 | 160 | 180 | 198 | 28 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 627 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 77,3 | - | | |
| 3DS 50-160/7.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 340 | 160 | 180 | 198 | 28 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 627 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 97,5 | 99,5 | | |
| 3DS 50-200/9.2 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 360 | 160 | 200 | 198 | 28 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 667 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 102,8 | 104,0 | | |
| 3DS 65-125/5.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 198 | 28 | 100 | 95 | 125 | 212 | 280 | 65 | 263 | 627 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 76,3 | - | | |
| 3DS 65-125/7.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 198 | 28 | 100 | 95 | 125 | 212 | 280 | 65 | 263 | 627 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 97,9 | 99,9 | | |
| 3DS 65-160/7.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 360 | 160 | 200 | 198 | 28 | 100 | 95 | 125 | 212 | 280 | 65 | 296 | 627 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 98,2 | 99,2 | | |
| 3DS 65-160/9.2 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 360 | 160 | 200 | 198 | 28 | 100 | 95 | 125 | 212 | 280 | 65 | 296 | 667 | 479 | 15 | 270 | 12 | 216 | 266 | 50 | M32X1,5 | M32X1,5 | 107,0 | 108,0 | | |
| 3DS 65-200/15 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 405 | 180 | 225 | 238 | 20 | 100 | 95 | 125 | 250 | 320 | 65 | 312 | 806 | 621 | 20 | 350 | 14 | 254 | 314 | 60 | M40X1,5 | M40X1,5 | 140,1 | 156,9 | | |
| 3DS 65-200/18.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 405 | 180 | 225 | 238 | 20 | 100 | 95 | 125 | 250 | 320 | 65 | 312 | 850 | 621 | 20 | 350 | 14 | 254 | 314 | 60 | M40X1,5 | M40X1,5 | 151,7 | 158,5 | | |
| 3DS 65-200/22 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 3 | 405 | 180 | 225 | 238 | - | 100 | - | - | 250 | 320 | 65 | 312 | 885 | - | - | - | - | - | - | - | - | - | M40X1,5 | M40X1,5 | 190,0 | 197,0 |

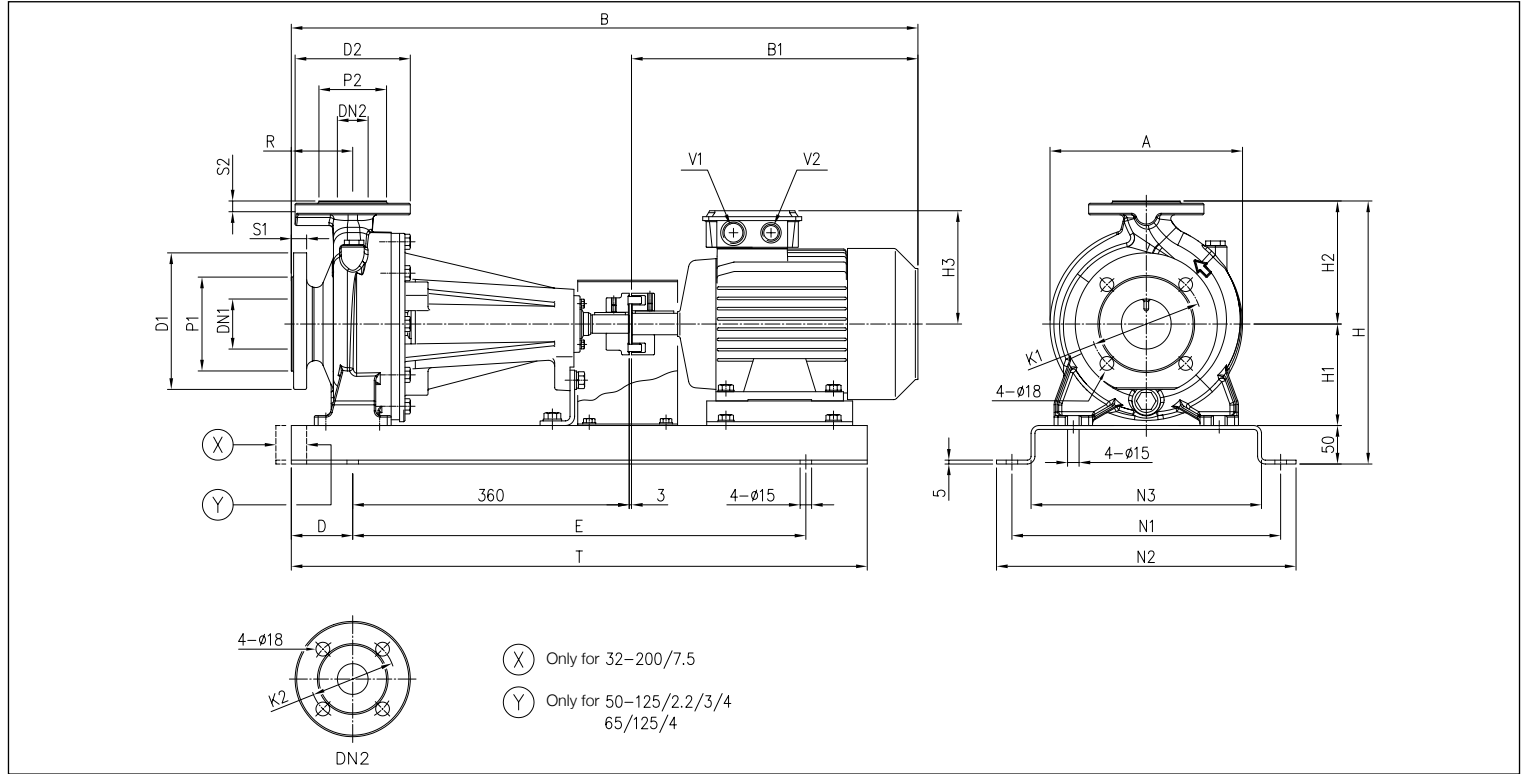
[*]= Only for IE3 motors

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

DIMENSIONS 3DP 32, 40, 50, 65 SERIES

2 Poles



DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | Weight [kg] | | | | | | | |
|-----------------|-----------------|------|------|------|----|-------|------|------|------|----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-------------|-----|-----|------|---------|---------|-------|-------|
| | DN1 Ø | P1 Ø | K1 Ø | D1 Ø | S1 | DN2 Ø | P2 Ø | K2 Ø | D2 Ø | S2 | H | H1 | H2 | H3 | R | A | B | B1 | D | E | N1 | N2 | N3 | T | V1 | V2 | [*] | |
| 3DP 32-125/1.1 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 302 | 112 | 140 | 139 | 80 | 213 | 715 | 272 | 80 | 550 | 300 | 340 | 250 | 710 | M25x1,5 | M20x1,5 | 50,5 | - |
| 3DP 32-160/1.5 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 342 | 132 | 160 | 148 | 80 | 254 | 760 | 317 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 58,5 | - |
| 3DP 32-160/2.2 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 342 | 132 | 160 | 148 | 80 | 254 | 760 | 317 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 61,5 | - |
| 3DP 32-200/3.0 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 390 | 160 | 180 | 155 | 80 | 296 | 809 | 366 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 83,9 | - |
| 3DP 32-200/4.0 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 390 | 160 | 180 | 171 | 80 | 296 | 831 | 388 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 86,9 | - |
| 3DP 32-200/7.5 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 390 | 160 | 180 | 198 | 80 | 296 | 885 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 115,2 | 117,2 |
| 3DP 40-125/1.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 302 | 112 | 140 | 148 | 80 | 220 | 760 | 317 | 80 | 550 | 300 | 340 | 250 | 710 | M25x1,5 | M20x1,5 | 76,2 | - |
| 3DP 40-125/2.2 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 302 | 112 | 140 | 148 | 80 | 220 | 760 | 317 | 80 | 550 | 300 | 340 | 250 | 710 | M25x1,5 | M20x1,5 | 56,9 | - |
| 3DP 40-160/3.0 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 342 | 132 | 160 | 155 | 80 | 254 | 809 | 366 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 93,4 | - |
| 3DP 40-160/4.0 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 342 | 132 | 160 | 171 | 80 | 254 | 831 | 388 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 74,8 | - |
| 3DP 40-200/5.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 390 | 160 | 180 | 198 | 100 | 296 | 905 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M20x1,5 | 105,0 | - |
| 3DP 40-200/7.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 390 | 160 | 180 | 198 | 100 | 296 | 905 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 111,7 | 113,7 |
| 3DP 40-200/11 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 390 | 160 | 180 | 238 | 100 | 296 | 1071 | 610 | 100 | 800 | 380 | 420 | 330 | 1000 | M40x1,5 | M40x1,5 | 129,8 | 140,6 |
| 3DP 50-125/2.2 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 342 | 132 | 160 | 148 | 100 | 254 | 780 | 317 | 80 | 550 | 350 | 390 | 300 | 710 | M25x1,5 | M20x1,5 | 80,0 | - |
| 3DP 50-125/3.0 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 342 | 132 | 160 | 155 | 100 | 254 | 829 | 366 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 91,1 | - |
| 3DP 50-125/4.0 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 342 | 132 | 160 | 171 | 100 | 254 | 851 | 388 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 127,9 | 129,9 |
| 3DP 50-160/5.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 390 | 160 | 180 | 198 | 100 | 296 | 905 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 111,5 | - |
| 3DP 50-160/7.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 390 | 160 | 180 | 198 | 100 | 296 | 905 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 113,4 | 115,4 |
| 3DP 50-200/9.2 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 410 | 160 | 200 | 198 | 100 | 296 | 945 | 482 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 123,1 | 124,1 |
| 3DP 50-200/11 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 410 | 160 | 200 | 238 | 100 | 296 | 1071 | 610 | 100 | 800 | 380 | 420 | 330 | 1000 | M40x1,5 | M32x1,5 | 133,6 | 144,4 |
| 3DP 50-200/15 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 410 | 160 | 200 | 238 | 100 | 296 | 1071 | 610 | 100 | 800 | 380 | 420 | 330 | 1000 | M40x1,5 | M40x1,5 | 137,5 | 154,4 |
| 3DP 65-125/4.0 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 390 | 160 | 180 | 171 | 100 | 263 | 851 | 388 | 80 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 70,9 | - |
| 3DP 65-125/5.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 390 | 160 | 180 | 198 | 100 | 263 | 905 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 115,3 | - |
| 3DP 65-125/7.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 390 | 160 | 180 | 198 | 100 | 263 | 905 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M40x1,5 | M40x1,5 | 134,1 | 151,0 |
| 3DP 65-160/7.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 410 | 160 | 200 | 198 | 100 | 296 | 905 | 442 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 131,2 | 133,2 |
| 3DP 65-160/9.2 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 410 | 160 | 200 | 198 | 100 | 296 | 945 | 482 | 100 | 650 | 350 | 390 | 300 | 850 | M32x1,5 | M32x1,5 | 137,0 | 138,0 |
| 3DP 65-160/11 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 410 | 160 | 200 | 238 | 100 | 296 | 1071 | 610 | 100 | 800 | 380 | 420 | 330 | 1000 | M40x1,5 | M40x1,5 | 134,0 | 144,8 |
| 3DP 65-160/15 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 455 | 160 | 200 | 238 | 100 | 296 | 1071 | 610 | 100 | 800 | 380 | 420 | 330 | 1000 | M40x1,5 | M40x1,5 | 134,1 | 151,0 |
| 3DP 65-200/15 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 455 | 180 | 225 | 238 | 100 | 312 | 1071 | 610 | 100 | 800 | 380 | 420 | 330 | 1000 | M40x1,5 | M40x1,5 | 139,1 | 156,0 |
| 3DP 65-200/18.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 455 | 180 | 225 | 238 | 100 | 312 | 1115 | 654 | 100 | 800 | 380 | 420 | 330 | 1000 | M40x1,5 | M40x1,5 | 149,7 | 156,2 |
| 3DP 65-200/22 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 455 | 180 | 225 | 268 | 100 | 312 | 1150 | 690 | 100 | 800 | 410 | 450 | 360 | 1000 | M40x1,5 | M40x1,5 | 204,0 | 211,0 |

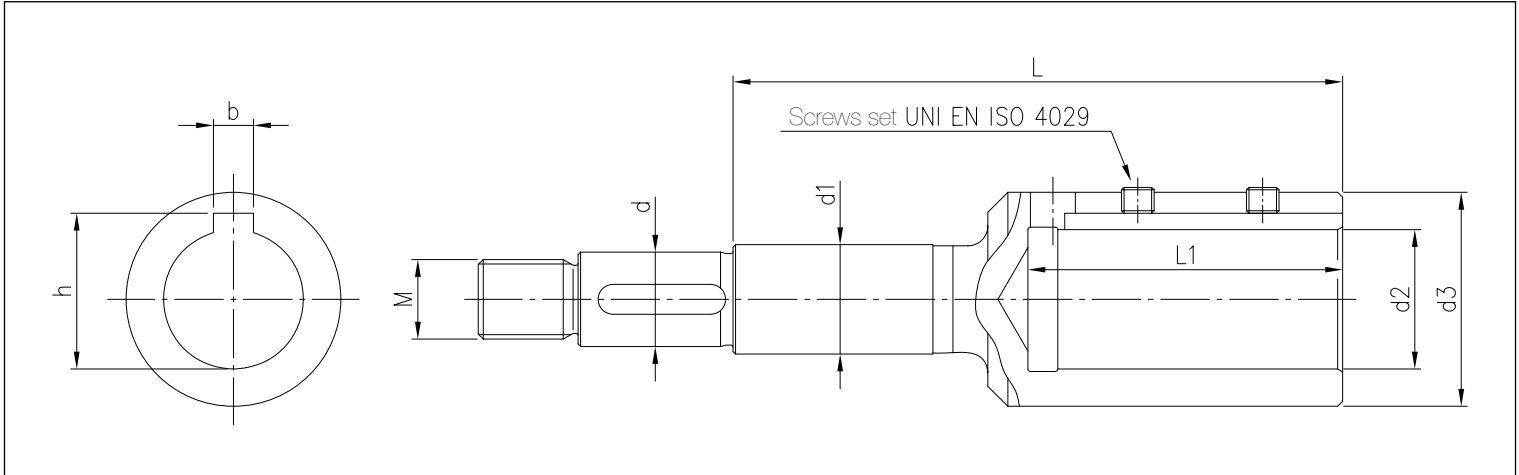
[*]= Only for IE3 motors

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

JOINT FOR SERIES 3DS

2 Poles



DIMENSIONAL TABLE

| Model | [HP] | [kW] | Motor size | Dimensions [mm] | | | | | | | | | |
|-----------------|------|------|------------|-----------------|----|----|----|---------|-----|-----|----|------|----------|
| | | | | d | d1 | d2 | d3 | M | L | L1 | b | h | Set viti |
| 3DS 32-125/1.1 | 1,5 | 1,1 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS 32-160/1.5 | 2 | 1,5 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS 32-160/2.2 | 3 | 2,2 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS 32-200/3.0 | 4 | 3 | 100 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS 32-200/4.0 | 5,5 | 4 | 112 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS 32-200/7.5 | 10 | 7,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 40-125/1.5 | 2 | 1,5 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS 40-125/2.2 | 3 | 2,2 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS 40-160/3.0 | 4 | 3 | 100 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS 40-160/4.0 | 5,5 | 4 | 112 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS 40-200/5.5 | 7,5 | 5,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 40-200/7.5 | 10 | 7,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 40-200/11 | 15 | 11 | 160 | 19 | 22 | 42 | 63 | M16x1,5 | 178 | 114 | 12 | 45,3 | M8x8 |
| 3DS 50-125/2.2 | 3 | 2,2 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS 50-125/3.0 | 4 | 3 | 100 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS 50-125/4.0 | 5,5 | 4 | 112 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS 50-160/5.5 | 7,5 | 5,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 50-160/7.5 | 10 | 7,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 50-200/9.2 | 12,5 | 9,2 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 50-200/11 | 15 | 11 | 160 | 19 | 22 | 42 | 63 | M16x1,5 | 178 | 114 | 12 | 45,3 | M8x8 |
| 3DS 50-200/15 | 20 | 15 | 160 | 22 | 22 | 42 | 63 | M18x1,5 | 209 | 114 | 12 | 45,3 | M8x8 |
| 3DS 65-125/4.0 | 5,5 | 4 | 112 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS 65-125/5.5 | 7,5 | 5,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 65-125/7.5 | 10 | 7,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 65-160/7.5 | 10 | 7,5 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 65-160/9.2 | 12,5 | 9,2 | 132 | 19 | 22 | 38 | 58 | M16x1,5 | 145 | 84 | 10 | 41,3 | M8x8 |
| 3DS 65-160/11 | 15 | 11 | 160 | 19 | 22 | 42 | 63 | M16x1,5 | 178 | 114 | 12 | 45,3 | M8x8 |
| 3DS 65-160/15 | 20 | 15 | 160 | 24 | 30 | 42 | 63 | M20x1,5 | 184 | 114 | 12 | 45,3 | M8x8 |
| 3DS 65-200/15 | 20 | 15 | 160 | 24 | 30 | 42 | 63 | M20x1,5 | 184 | 114 | 12 | 45,3 | M8x8 |
| 3DS 65-200/18.5 | 25 | 18,5 | 160 | 24 | 30 | 42 | 63 | M20x1,5 | 184 | 114 | 12 | 45,3 | M8x8 |
| 3DS 65-200/22 | 30 | 22 | 180 | 24 | 30 | 48 | 72 | M20x1,5 | 184 | 114 | 14 | 51,8 | M10x10 |

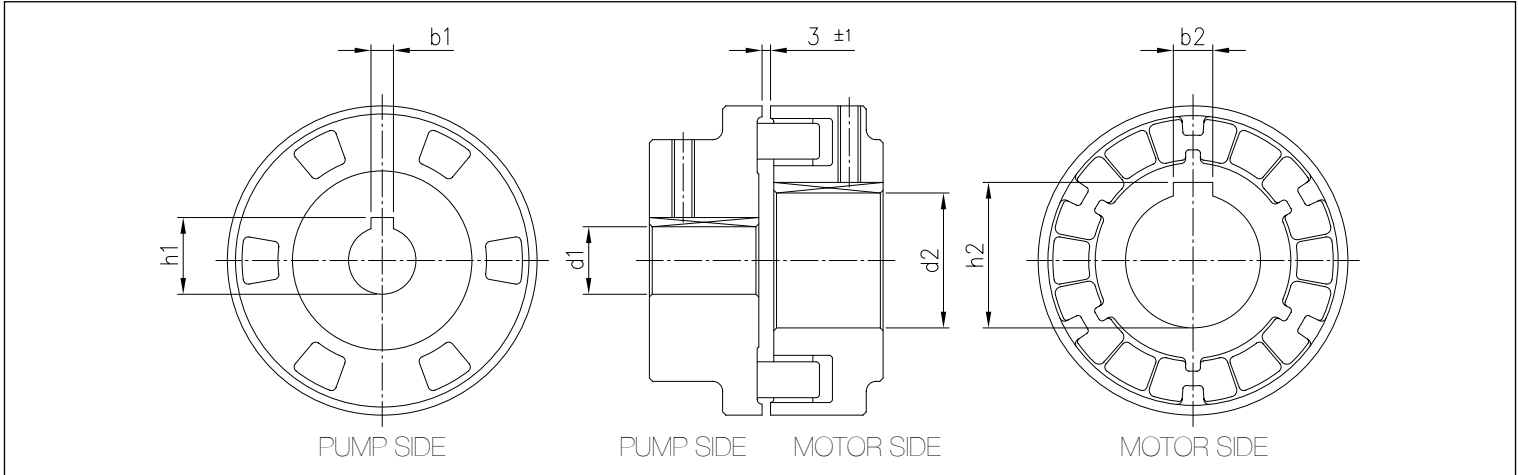
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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

JOINT FOR SERIES 3DP

2 Poles



DIMENSIONAL TABLE

| Model | [HP] | [kW] | Motor size | Dimensions [mm] | | | | | |
|-----------------|------|------|------------|-----------------|----|------|----|----|------|
| | | | | d1 | b1 | h1 | d2 | b2 | h2 |
| 3DP 32-125/1.1 | 1,5 | 1,1 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP 32-160/1.5 | 2 | 1,5 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP 32-160/2.2 | 3 | 2,2 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP 32-200/3.0 | 4 | 3 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP 32-200/4.0 | 5,5 | 4 | 112 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP 32-200/7.5 | 10 | 7,5 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 40-125/1.5 | 2 | 1,5 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP 40-125/2.2 | 3 | 2,2 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP 40-160/3.0 | 4 | 3 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP 40-160/4.0 | 5,5 | 4 | 112 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP 40-200/5.5 | 7,5 | 5,5 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 40-200/7.5 | 10 | 7,5 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 40-200/11 | 15 | 11 | 160 | 24 | 8 | 27,3 | 42 | 12 | 45,3 |
| 3DP 50-125/2.2 | 3 | 2,2 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP 50-125/3.0 | 4 | 3 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP 50-125/4.0 | 5,5 | 4 | 112 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP 50-160/5.5 | 7,5 | 5,5 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 50-160/7.5 | 10 | 7,5 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 50-200/9.2 | 12,5 | 9,2 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 50-200/11 | 15 | 11 | 160 | 24 | 8 | 27,3 | 42 | 12 | 45,3 |
| 3DP 50-200/15 | 20 | 15 | 160 | 24 | 8 | 27,3 | 42 | 12 | 45,3 |
| 3DP 65-125/4.0 | 5,5 | 4 | 112 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP 65-125/5.5 | 7,5 | 5,5 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 65-160/7.5 | 10 | 7,5 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 65-160/9.2 | 12,5 | 9,2 | 132 | 24 | 8 | 27,3 | 38 | 10 | 41,3 |
| 3DP 65-160/11 | 15 | 11 | 160 | 24 | 8 | 27,3 | 42 | 12 | 45,3 |
| 3DP 65-160/15 | 20 | 15 | 160 | 24 | 8 | 27,3 | 42 | 12 | 45,3 |
| 3DP 65-200/15 | 20 | 15 | 160 | 24 | 8 | 27,3 | 42 | 12 | 45,3 |
| 3DP 65-200/18.5 | 25 | 18,5 | 160 | 24 | 8 | 27,3 | 42 | 12 | 45,3 |
| 3DP 65-200/22 | 30 | 22 | 180 | 24 | 8 | 27,3 | 48 | 14 | 51,8 |

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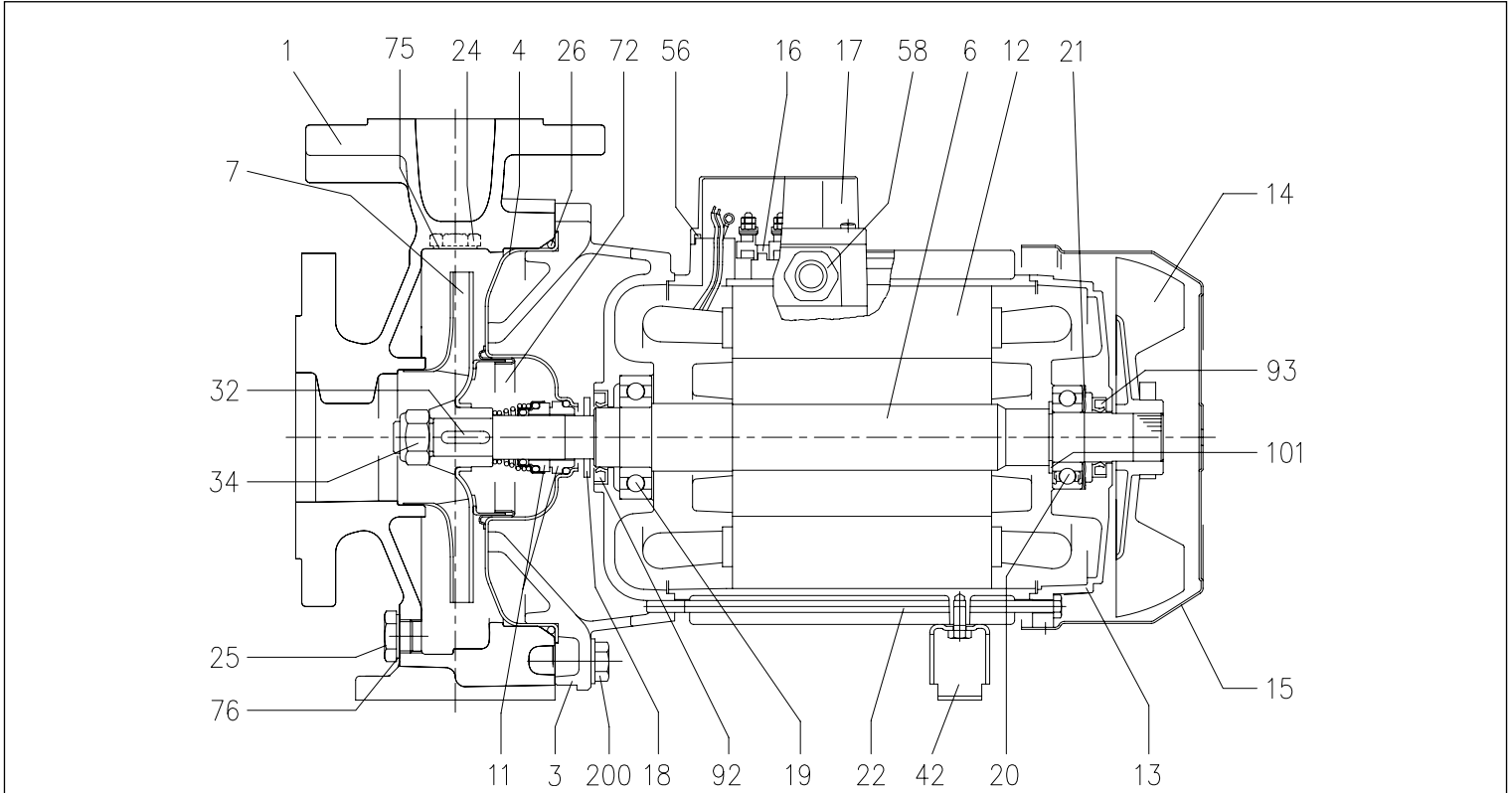


3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

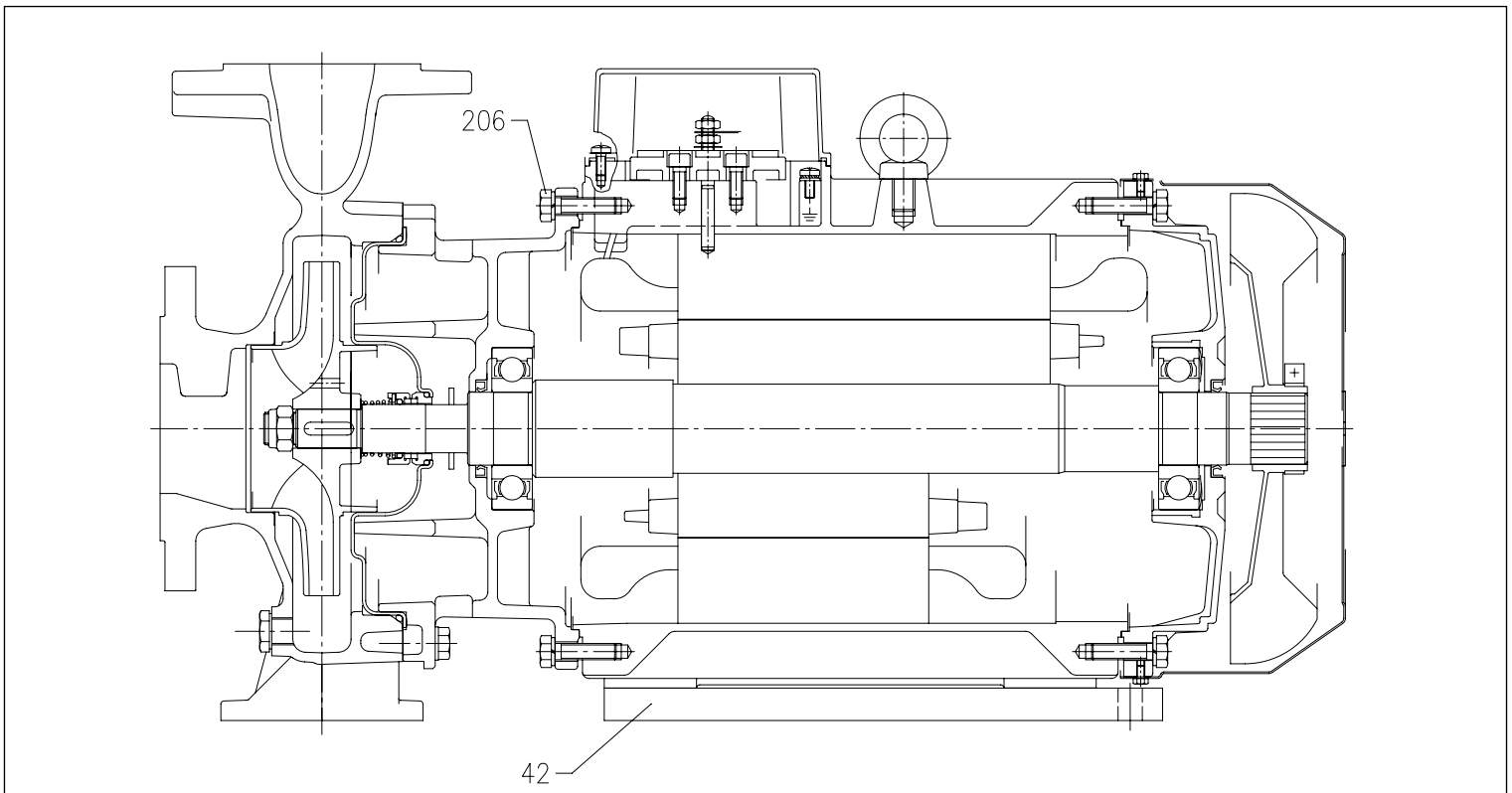
SECTIONAL VIEW 3D 32, 40, 50, 65 SERIES - up to 11 kW

2 Poles



SECTIONAL VIEW 3D 32, 40, 50, 65 SERIES - from 15 kW and above

2 Poles



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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

MATERIALS TABLE

| Rif. | Name | Material |
|------|--|--|
| 001 | Pump body | Cast iron EN-GJL-250-EN 1561 |
| 003 | Motor support | [1] |
| 004 | Seal housing disc | EN 1.4301 (AISI 304) |
| 006 | Shaft (part coming into contact with liquid) | EN 1.4301 (AISI 304) |
| 007 | Impeller | [2] |
| 011 | Mechanical seal | Ceramic/Carbon/NBR |
| 012 | Motor casing | - |
| 013 | Motor cover | Aluminium |
| 014 | Fan | PA |
| 015 | Fan cover | Fe P04 Galvanised |
| 016 | Terminal block | - |
| 017 | Terminal block cover | Aluminium (for three-phase version only) |
| 018 | Splash guard washer | NBR |
| 019 | Bearing (pump side) | - |
| 020 | Bearing (motor side) | - |
| 021 | Adjusting ring | Steel C70 |
| 022 | Tie rod | Fe 42 Galvanised |
| | Screw | Galvanised steel 8.8 class ISO 898-1 |
| 024 | Filler plug | Brass |
| 025 | Discharge plug | Brass |
| 026 | O-ring | NBR [3] |
| 032 | Key | EN 1.4401 (AISI 304) |
| 034 | Impeller nut | EN 1.4301 (AISI 304) |
| 042 | Foot | Aluminium / Galvanised steel |
| 056 | Terminal block | NBR |
| 058 | Cable gland | - |
| 072 | Wear ring [4] | EN 1.4301 (AISI 304) |
| 075 | Washer | Aluminium |
| 076 | Washer | Aluminium |
| 092 | Sealing ring | - |
| 093 | Sealing ring | - |
| 101 | Elastic ring [5] | Carbon Steel TC 80 |
| 200 | Screw | Galvanised steel 8.8 class ISO 898-1 |
| 235 | Washer | Galvanised steel |
| 206 | Screw (support) [6] | Galvanised steel 8.8 class ISO 898-1 |

[1]= Cast iron EN-GJL-200-EN 1561 for 3D 32-200/3 and models with 15, 18.5 and 22 kW; aluminium AL-EN-1706-AC-46000-D for the remaining models of the range

[2]= EN 1.4301 (AISI 304) for SERIES 3D 32, 40, 50; EN 1.4401 (AISI 316) for SERIES 3D 65

[3]= FPM for versions H, HS, HW, HSW; EDPM for version E

[4]= Only for SERIES 3D 32-200, 40-200, 50-160, 50-200

[5]= Only for 9.2kW and 11kW models

[6]= Only for 11kW models

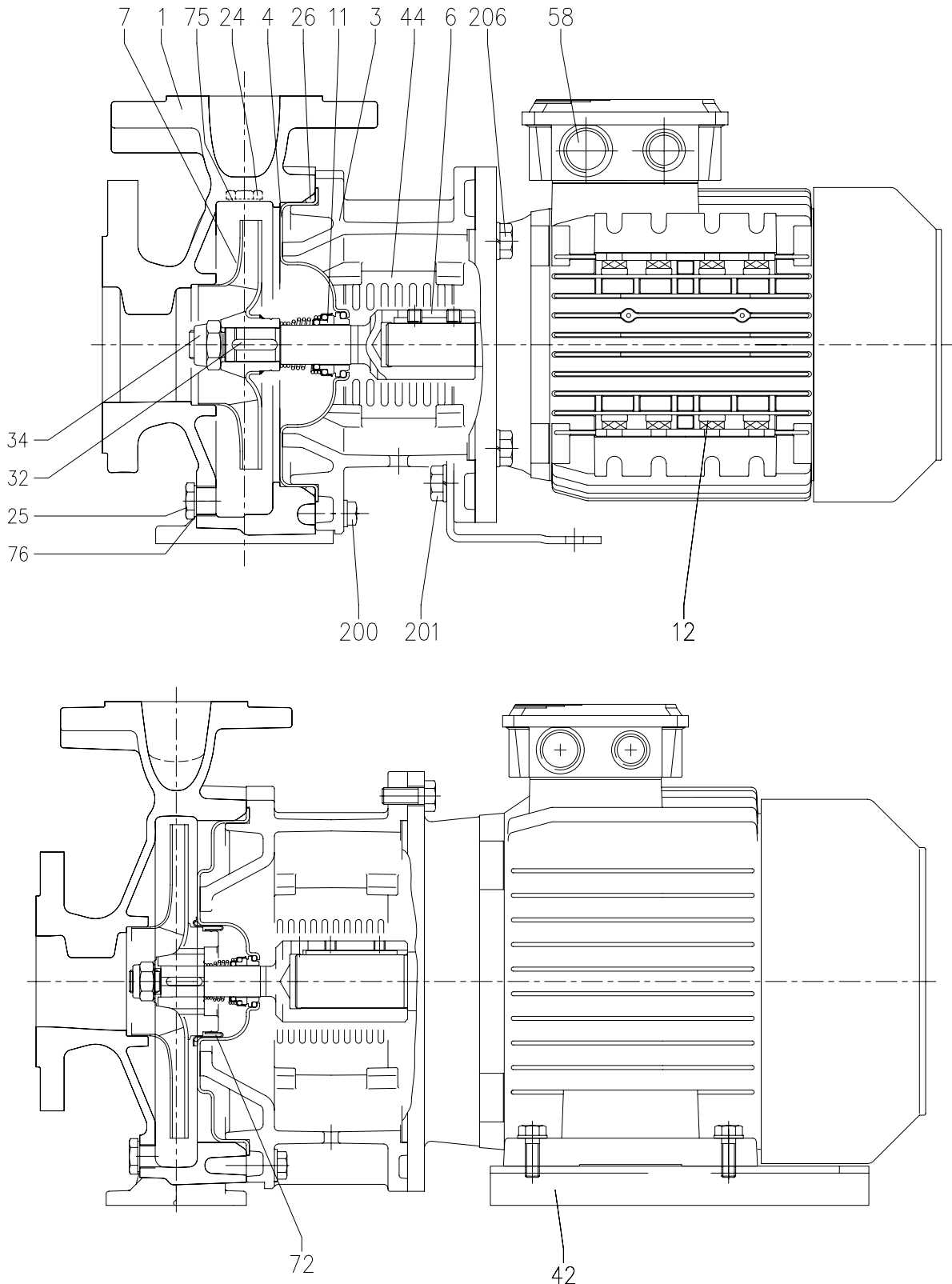
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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

SECTIONAL VIEW 3DS 32, 40, 50 SERIES

2 Poles



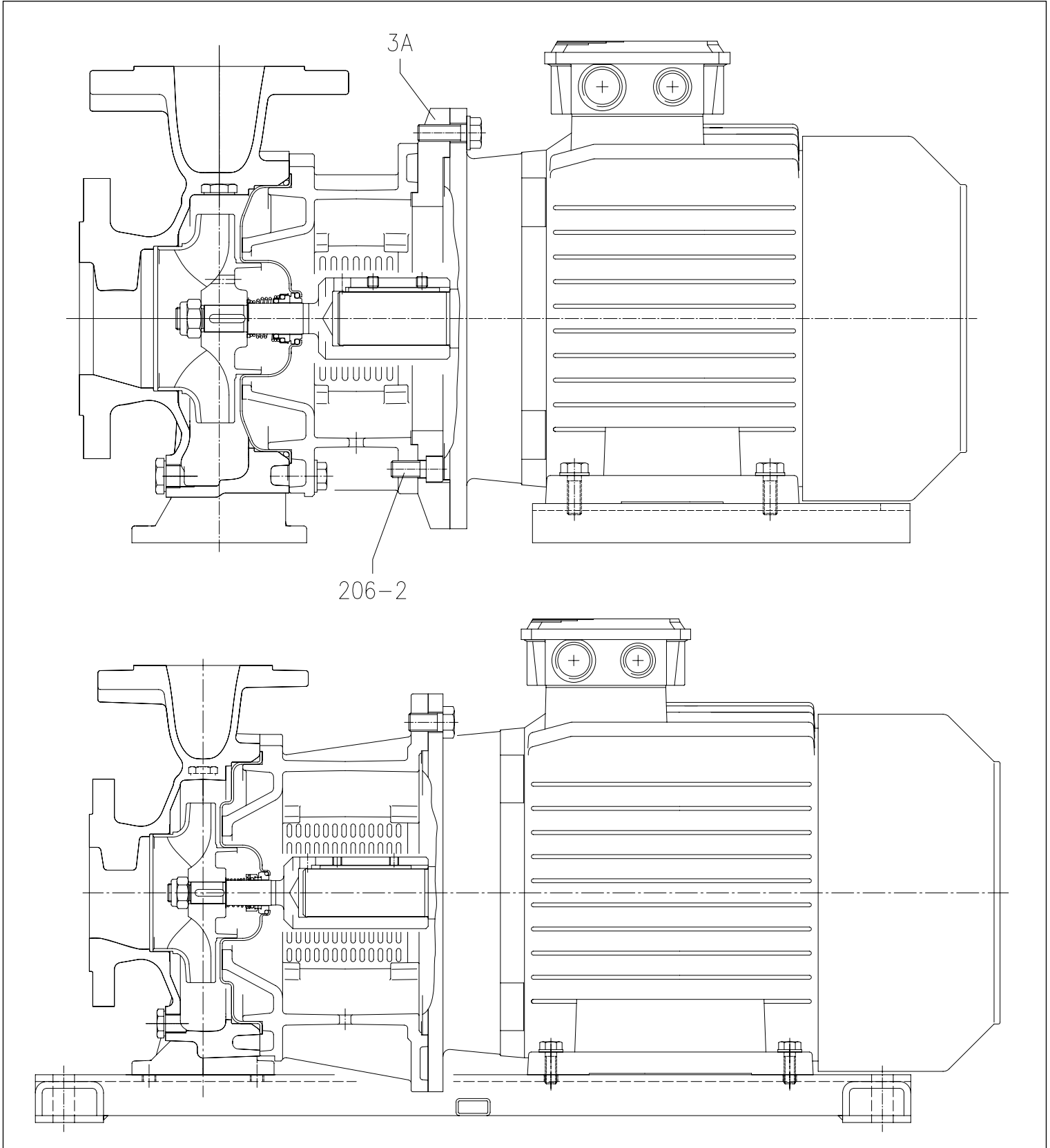
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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

SECTIONAL VIEW 3DS 65 SERIES

2 Poles



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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

MATERIALS TABLE

| Rif. | Name | Material |
|-------|--|--------------------------------------|
| 001 | Pump body | Cast iron EN-GJL-250-EN 1561 |
| 003 | Motor support | Cast iron EN-GJL-250-EN 1561 |
| 003A | Adapter ring [1] | Cast iron EN-GJL-250-EN 1561 |
| 004 | Rotor shaft | EN 1.4301 (AISI 304) |
| 006 | Joint (part coming into contact with liquid) | EN 1.4301 (AISI 304) |
| 007 | Impeller | [2] |
| 011 | Mechanical seal | Ceramic/Carbon/NBR |
| 012 | Motor | - |
| 024 | Filler plug | Brass |
| 025 | Discharge plug | Brass |
| 026 | O-ring | NBR [3] |
| 032 | Key | EN 1.4401 (AISI 304) |
| 034 | Impeller nut | EN 1.4301 (AISI 304) |
| 042 | Foot | Galvanised steel |
| 044 | Support protection | EN 1.4301 (AISI 304) |
| 058 | Cable gland | - |
| 072 | Wear ring [4] | EN 1.4301 (AISI 304) |
| 075 | Washer | Aluminium |
| 076 | Washer | Aluminium |
| 200 | Screw | Galvanised steel 8.8 class ISO 898-1 |
| 201 | Screw [5] | Galvanised steel 8.8 class ISO 898-1 |
| 206 | Screw (support) | Galvanised steel 8.8 class ISO 898-1 |
| 206-2 | Adapter ring screw | Galvanised steel 8.8 class ISO 898-1 |
| 235 | Washer | Galvanised steel |

[1]= Only for SERIES 3D models 65-125/5.5 and 65-125/7.5

[2]= EN 1.4301 (AISI 304) for SERIES 3D 32, 40, 50; EN 1.4401 (AISI 316) for SERIES 3D 65

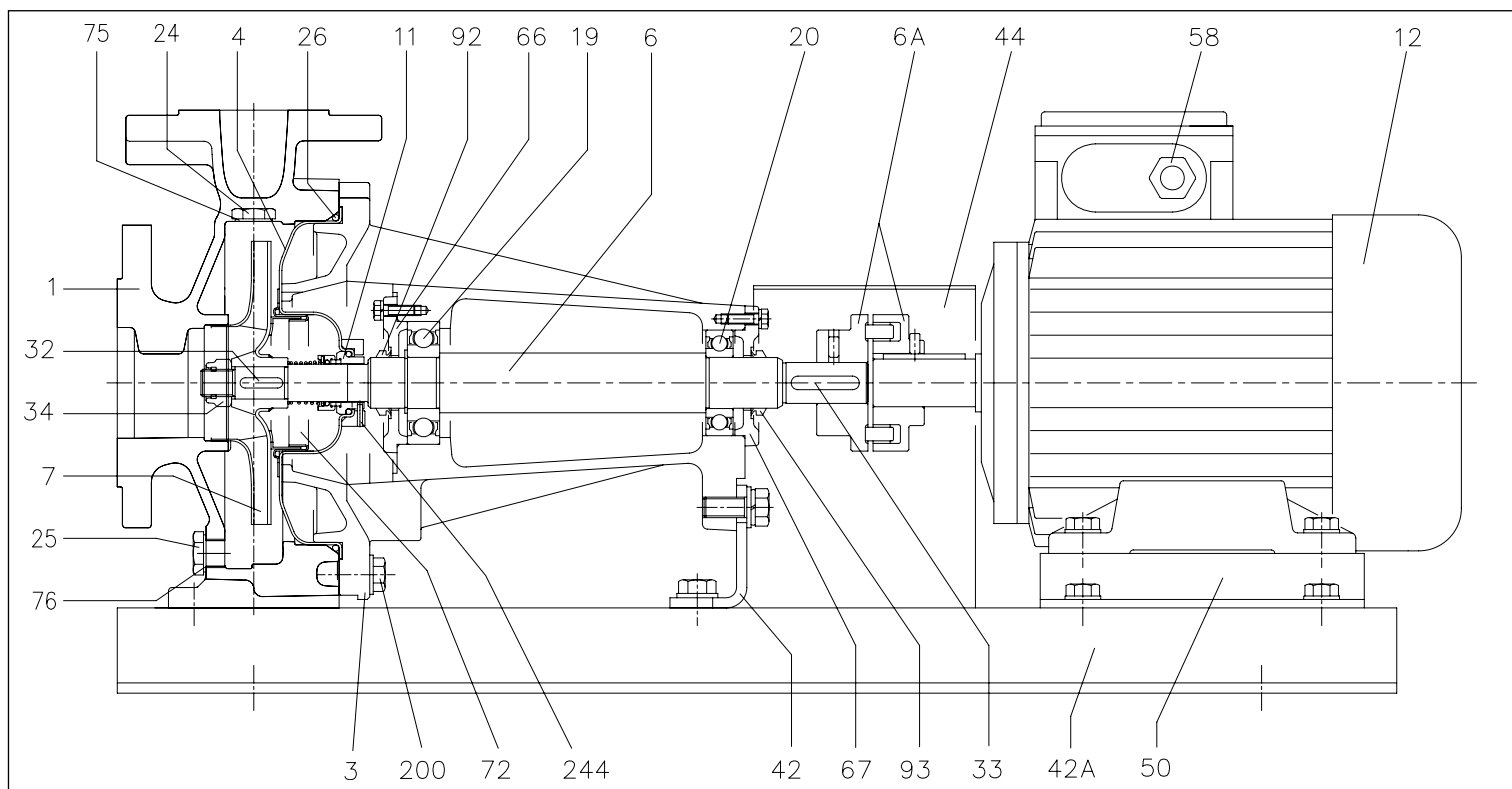
[3]= FPM for versions H, HS, HW, HSW; EPDM for version E

[4]= Only for SERIES 3D models 32-200, 40-200, 50-160, 50-200

[5]= Only for SERIES 3D models 32-125/1.1, 32-160/1.5, 32-160/2.2, 40-125/1.5, 40-125/2.2, 50-125/2.2

SECTIONAL VIEW 3DP 32, 40, 50, 65 SERIES

2 Poles



MATERIALS TABLE

| Rif. | Name | Material |
|------|--|--------------------------------------|
| 001 | Pump body | Cast iron EN-GJL-250-EN 1561 |
| 003 | Motor support | Cast iron EN-GJL-250-EN 1561 |
| 004 | Seal housing disc | EN 1.4301 (AISI 304) |
| 006 | Rotor shaft (part coming into contact with liquid) | EN 1.4301 (AISI 304) |
| 006A | Flexible joint | Cast iron EN-GJL-250-EN 1561 |
| 007 | Impeller | [1] |
| 011 | Mechanical seal | Ceramic/Carbon/NBR |
| 012 | Motor | - |
| 019 | Bearing | - |
| 020 | Bearing | - |
| 024 | Filler plug | Brass |
| 025 | Discharge plug | Brass |
| 026 | O-ring | NBR [2] |
| 032 | Key | EN 1.4401 (AISI 316) |
| 033 | Key | C 40 |
| 034 | Impeller nut | EN 1.4301 (AISI 304) |
| 042 | Pump support | Fe 37 Galvanised |
| 042A | Base | Fe 37 Galvanised |
| 044 | Support protection | Fe 37 Galvanised |
| 050 | Foot | Aluminium / Galvanised steel |
| 058 | Cable gland | - |
| 066 | Bearing cover (impeller side) | Cast iron EN-GJL-250-EN 1561 |
| 067 | Bearing cover (motor side) | Cast iron EN-GJL-250-EN 1561 |
| 072 | Wear ring [3] | EN 1.4301 (AISI 304) |
| 075 | Washer | Aluminium |
| 076 | Washer | Aluminium |
| 092 | V-ring | - |
| 093 | V-ring | - |
| 200 | Screw | Galvanised steel 8.8 class ISO 898-1 |
| 235 | Washer | Galvanised steel |

[1]= EN 1.4301 (AISI 304) for SERIES 3D 32, 40, 50; EN 1.4401 (AISI 316) for SERIES 3D 65

[2]= FPM for versions H, HS, HW, HSW; EPDM for version E

[3]= Only for SERIES 3D models 32-200, 40-200, 50-160, 50-200

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

ELECTRIC DATA TABLE 3D SERIES

2 Poles

| Single-phase 230V | Model Three-phase 230/400/690V | P ₂ | | Motor efficiency | | Capacitor | | Efficiency (%) | | | Absorbed Current [A] | | | |
|----------------------|--------------------------------------|----------------|------|------------------|-------------|--------------------|-----|----------------|------|------|----------------------|-------------|------|------|
| | | [HP] | [kW] | Single-phase | Three-phase | Single-phase µF | V. | 50% | η % | | Single-phase 230V | Three-phase | | |
| | | | | | | | | | 75% | 100% | | 230V | 400V | 690V |
| 3D 32-125/1.1 M | 3D 32-125/1.1 | 1,5 | 1,1 | - | IE2 | 31,5 | 450 | 79,5 | 82,0 | 82,5 | 6,7 | 5,6 | 3,2 | - |
| 3D 32-160/1.5 M | 3D 32-160/1.5 | 2 | 1,5 | - | IE2 | 40 | 450 | 79,5 | 82,0 | 82,5 | 9,6 | 5,6 | 3,2 | - |
| 3D 32-160/2.2 M | 3D 32-160/2.2 | 3 | 2,2 | - | IE2 | 50 | 450 | 83,1 | 85,7 | 86,2 | 13,3 | 7,8 | 4,5 | - |
| - | 3D 32-200/3.0 | 4 | 3 | - | IE2 | - | - | 85,0 | 86,7 | 86,3 | - | 10,6 | 6,1 | - |
| - | 3D 32-200/4.0 | 5,5 | 4 | - | IE2 | - | - | 84,3 | 87,2 | 87,8 | - | 15,1 | 8,7 | - |
| - | 3D 32-200/7.5 | 10 | 7,5 | - | IE2 | - | - | 86,1 | 88,2 | 88,8 | - | - | 13,7 | 7,9 |
| - | | | | - | IE3 | - | - | 89,0 | 90,7 | 90,8 | - | - | 13,6 | 7,9 |
| 3D 40-125/1.5 M | 3D 40-125/1.5 | 2 | 1,5 | - | IE2 | 40 | 450 | 79,5 | 82,0 | 82,5 | 9,6 | 5,6 | 3,2 | - |
| 3D 40-125/2.2 M | 3D 40-125/2.2 | 3 | 2,2 | - | IE2 | 50 | 450 | 83,1 | 85,7 | 86,2 | 13,3 | 7,8 | 4,5 | - |
| - | 3D 40-160/3.0 | 4 | 3 | - | IE2 | - | - | 85,0 | 86,7 | 86,3 | - | 10,6 | 6,1 | - |
| - | 3D 40-160/4.0 | 5,5 | 4 | - | IE2 | - | - | 84,3 | 87,2 | 87,8 | - | 15,1 | 8,7 | - |
| - | 3D 40-200/5.5 | 7,5 | 5,5 | - | IE2 | - | - | 82,9 | 86,0 | 87,4 | - | - | 10,4 | 6,0 |
| - | 3D 40-200/7.5 | 10 | 7,5 | - | IE2 | - | - | 86,1 | 88,2 | 88,8 | - | - | 13,7 | 7,9 |
| - | | | | - | IE3 | - | - | 89,0 | 90,7 | 90,8 | - | - | 13,6 | 7,9 |
| - | 3D 40-200/11 | 15 | 11 | - | IE2 | - | - | 88,9 | 90,3 | 90,2 | - | - | 21,9 | 12,7 |
| - | | | | - | IE3 | - | - | 90,4 | 91,2 | 91,8 | - | - | 21,3 | 12,3 |
| 3D 50-125/2.2 M | 3D 50-125/2.2 | 3 | 2,2 | - | IE2 | 50 | 450 | 83,1 | 85,7 | 86,2 | 13,3 | 7,8 | 4,5 | - |
| - | 3D 50-125/3.0 | 4 | 3 | - | IE2 | - | - | 85,0 | 86,7 | 86,3 | - | 10,6 | 6,1 | - |
| - | 3D 50-125/4.0 | 5,5 | 4 | - | IE2 | - | - | 84,3 | 87,2 | 87,8 | - | 15,1 | 8,7 | - |
| - | 3D 50-160/5.5 | 7,5 | 5,5 | - | IE2 | - | - | 82,9 | 86,0 | 87,4 | - | - | 10,4 | 6,0 |
| - | 3D 50-160/7.5 | 10 | 7,5 | - | IE2 | - | - | 86,1 | 88,2 | 88,8 | - | - | 13,7 | 7,9 |
| - | | | | - | IE3 | - | - | 89,0 | 90,7 | 90,8 | - | - | 13,6 | 7,9 |
| - | 3D 50-200/9.2 | 12,5 | 9,2 | - | IE2 | - | - | 88,6 | 90,0 | 89,9 | - | - | 16,8 | 9,7 |
| - | | | | - | IE3 | - | - | 90,1 | 90,8 | 90,9 | - | - | 17,2 | 10,0 |
| - | 3D 50-200/11 | 15 | 11 | - | IE2 | - | - | 88,9 | 90,3 | 90,2 | - | - | 21,9 | 12,7 |
| - | | | | - | IE3 | - | - | 90,4 | 91,2 | 91,8 | - | - | 21,3 | 12,3 |
| - | 3D 50-200/15 | 20 | 15 | - | IE2 | - | - | 89,3 | 91,0 | 91,1 | - | - | 30,0 | 17,3 |
| - | | | | - | IE3 | - | - | 91,2 | 92,0 | 91,9 | - | - | 27,7 | 17,3 |
| - | 3D 65-125/4.0 | 5,5 | 4 | - | IE2 | - | - | 84,3 | 87,2 | 87,8 | - | 15,1 | 8,7 | - |
| - | 3D 65-125/5.5 | 7,5 | 5,5 | - | IE2 | - | - | 82,9 | 86,0 | 87,4 | - | - | 10,4 | 6,0 |
| - | 3D 65-125/7.5 | 10 | 7,5 | - | IE2 | - | - | 86,1 | 88,2 | 88,8 | - | - | 13,7 | 7,9 |
| - | | | | - | IE3 | - | - | 89,0 | 90,7 | 90,8 | - | - | 13,6 | 7,9 |
| - | 3D 65-160/7.5 | 10 | 7,5 | - | IE2 | - | - | 86,1 | 88,2 | 88,8 | - | - | 13,7 | 7,9 |
| - | | | | - | IE3 | - | - | 89,0 | 90,7 | 90,8 | - | - | 13,6 | 7,9 |
| - | 3D 65-160/9.2 | 12,5 | 9,2 | - | IE2 | - | - | 88,6 | 90,0 | 89,9 | - | - | 16,8 | 9,7 |
| - | | | | - | IE3 | - | - | 90,1 | 90,8 | 90,9 | - | - | 17,2 | 10,0 |
| - | 3D 65-160/11 | 15 | 11 | - | IE2 | - | - | 88,9 | 90,3 | 90,2 | - | - | 21,9 | 12,7 |
| - | | | | - | IE3 | - | - | 90,4 | 91,2 | 91,8 | - | - | 21,3 | 12,3 |
| - | 3D 65-160/15 | 20 | 15 | - | IE2 | - | - | 89,3 | 91,0 | 91,1 | - | - | 30,0 | 17,3 |
| - | | | | - | IE3 | - | - | 91,2 | 92,0 | 91,9 | - | - | 27,7 | 17,3 |
| - | 3D 65-200/15 | 20 | 15 | - | IE2 | - | - | 89,3 | 91,0 | 91,1 | - | - | 30,0 | 17,3 |
| - | | | | - | IE3 | - | - | 91,2 | 92,0 | 91,9 | - | - | 27,7 | 17,3 |
| - | 3D 65-200/18.5 | 25 | 18,5 | - | IE2 | - | - | 89,8 | 91,2 | 91,7 | - | - | 36,3 | 21,0 |
| - | | | | - | IE3 | - | - | 91,6 | 93,0 | 92,6 | - | - | 35,0 | 20,3 |
| - | 3D 65-200/22 | 30 | 22 | - | IE2 | - | - | 89,9 | 91,9 | 92,4 | - | - | 40,8 | 23,6 |
| - | | | | - | IE3 | - | - | 92,0 | 93,1 | 93,2 | - | - | 39,7 | 23,6 |

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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

ELECTRIC DATA TABLE 3DS - 3DP SERIES

2 Poles

| SERIE 3DS Three-phase 230/400/690V | Model | SERIE 3DP Three-phase 230/400/690V | P ₂ | | Motor efficiency | Efficiency (%) Three-phase | | | Absorbed Current [A] | | |
|--|-----------------|--|----------------|------|---------------------|-------------------------------|-------------|------|-------------------------|------|------|
| | | | [HP] | [kW] | | η % | Three-phase | | Three-phase | | |
| | | | | | | | 50% | 75% | 100% | 230V | 400V |
| 3DS 32-125/1.1 | 3DP 32-125/1.1 | 1,5 | 1,1 | IE2 | 79,5 | 81,2 | 81,5 | 4,3 | 2,5 | - | |
| 3DS 32-160/1.5 | 3DP 32-160/1.5 | 2 | 1,5 | IE2 | 81,0 | 82,8 | 82,8 | 5,5 | 3,2 | - | |
| 3DS 32-160/2.2 | 3DP 32-160/2.2 | 3 | 2,2 | IE2 | 82,5 | 84,0 | 84,0 | 7,6 | 4,4 | - | |
| 3DS 32-200/3.0 | 3DP 32-200/3.0 | 4 | 3 | IE2 | 84,1 | 85,8 | 85,5 | 10,2 | 5,9 | - | |
| 3DS 32-200/4.0 | 3DP 32-200/4.0 | 5,5 | 4 | IE2 | 85,2 | 86,4 | 86,1 | 13,5 | 7,8 | - | |
| 3DS 32-200/7.5 | 3DP 32-200/7.5 | 10 | 7,5 | IE2 | 86,5 | 88,3 | 88,3 | - | 14,2 | 8,2 | |
| | | | | IE3 | 89,4 | 91,0 | 91,1 | - | 13,5 | 7,8 | |
| 3DS 40-125/1.5 | 3DP 40-125/1.5 | 2 | 1,5 | IE2 | 81,0 | 82,8 | 82,8 | 5,5 | 3,2 | - | |
| 3DS 40-125/2.2 | 3DP 40-125/2.2 | 3 | 2,2 | IE2 | 82,5 | 84,0 | 84,0 | 7,6 | 4,4 | - | |
| 3DS 40-160/3.0 | 3DP 40-160/3.0 | 4 | 3 | IE2 | 84,1 | 85,8 | 85,5 | 10,2 | 5,9 | - | |
| 3DS 40-160/4.0 | 3DP 40-160/4.0 | 5,5 | 4 | IE2 | 85,2 | 86,4 | 86,1 | 13,5 | 7,8 | - | |
| 3DS 40-200/5.5 | 3DP 40-200/5.5 | 7,5 | 5,5 | IE2 | 85,8 | 87,4 | 87,3 | - | 10,4 | 6,0 | |
| 3DS 40-200/7.5 | 3DP 40-200/7.5 | 10 | 7,5 | IE2 | 86,5 | 88,3 | 88,3 | - | 14,2 | 8,2 | |
| | | | | IE3 | 89,4 | 91,0 | 91,1 | - | 13,5 | 7,8 | |
| 3DS 40-200/11 | 3DP 40-200/11 | 15 | 11 | IE2 | 88,1 | 90,0 | 89,7 | - | 19,8 | 11,4 | |
| | | | | IE3 | 88,7 | 90,5 | 91,2 | - | 19,5 | 11,2 | |
| 3DS 50-125/2.2 | 3DP 50-125/2.2 | 3 | 2,2 | IE2 | 82,5 | 84,0 | 84,0 | 7,6 | 4,4 | - | |
| 3DS 50-125/3.0 | 3DP 50-125/3.0 | 4 | 3 | IE2 | 84,1 | 85,8 | 85,5 | 10,2 | 5,9 | - | |
| 3DS 50-125/4.0 | 3DP 50-125/4.0 | 5,5 | 4 | IE2 | 85,2 | 86,4 | 86,1 | 13,5 | 7,8 | - | |
| 3DS 50-160/5.5 | 3DP 50-160/5.5 | 7,5 | 5,5 | IE2 | 85,8 | 87,4 | 87,3 | - | 10,4 | 6,0 | |
| 3DS 50-160/7.5 | 3DP 50-160/7.5 | 10 | 7,5 | IE2 | 86,5 | 88,3 | 88,3 | - | 14,2 | 8,2 | |
| | | | | IE3 | 89,4 | 91,0 | 91,1 | - | 13,5 | 7,8 | |
| 3DS 50-200/9.2 | 3DP 50-200/9.2 | 12,5 | 9,2 | IE2 | 88,4 | 89,9 | 90,0 | - | 16,9 | 9,8 | |
| | | | | IE3 | 89,4 | 91,0 | 91,2 | - | 17,0 | 9,8 | |
| 3DS 50-200/11 | 3DP 50-200/11 | 15 | 11 | IE2 | 88,1 | 90,0 | 89,7 | - | 19,8 | 11,4 | |
| | | | | IE3 | 88,7 | 90,5 | 91,2 | - | 19,5 | 11,2 | |
| 3DS 50-200/15 | 3DP 50-200/15 | 20 | 15 | IE2 | 90,0 | 91,0 | 90,8 | - | 27,2 | 15,7 | |
| | | | | IE3 | 89,5 | 91,4 | 92,0 | - | 26,7 | 15,4 | |
| 3DS 65-125/4.0 | 3DP 65-125/4.0 | 5,5 | 4 | IE2 | 85,2 | 86,4 | 86,1 | 13,5 | 7,8 | - | |
| 3DS 65-125/5.5 | 3DP 65-125/5.5 | 7,5 | 5,5 | IE2 | 85,8 | 87,4 | 87,3 | - | 10,4 | 6,0 | |
| 3DS 65-125/7.5 | 3DP 65-125/7.5 | 10 | 7,5 | IE2 | 86,5 | 88,3 | 88,3 | - | 14,2 | 8,2 | |
| | | | | IE3 | 89,4 | 91,0 | 91,1 | - | 13,5 | 7,8 | |
| 3DS 65-160/7.5 | 3DP 65-160/7.5 | 10 | 7,5 | IE2 | 86,5 | 88,3 | 88,3 | - | 14,2 | 8,2 | |
| | | | | IE3 | 89,4 | 91,0 | 91,1 | - | 13,5 | 7,8 | |
| 3DS 65-160/9.2 | 3DP 65-160/9.2 | 12,5 | 9,2 | IE2 | 88,4 | 89,9 | 90,0 | - | 16,9 | 9,8 | |
| | | | | IE3 | 89,4 | 91,0 | 91,2 | - | 17,0 | 9,8 | |
| 3DS 65-160/11 | 3DP 65-160/11 | 15 | 11 | IE2 | 88,1 | 90,0 | 89,7 | - | 19,8 | 11,4 | |
| | | | | IE3 | 88,7 | 90,5 | 91,2 | - | 19,5 | 11,2 | |
| 3DS 65-160/15 | 3DP 65-160/15 | 20 | 15 | IE2 | 90,0 | 91,0 | 90,8 | - | 27,2 | 15,7 | |
| | | | | IE3 | 89,5 | 91,4 | 92,0 | - | 26,7 | 15,4 | |
| 3DS 65-200/15 | 3DP 65-200/15 | 20 | 15 | IE2 | 90,0 | 91,0 | 90,8 | - | 27,2 | 15,7 | |
| | | | | IE3 | 89,5 | 91,4 | 92,0 | - | 26,7 | 15,4 | |
| 3DS 65-200/18.5 | 3DP 65-200/18.5 | 25 | 18,5 | IE2 | 90,3 | 91,6 | 91,2 | - | 33,3 | 19,2 | |
| | | | | IE3 | 89,7 | 91,7 | 92,4 | - | 35,3 | 20,4 | |
| 3DS 65-200/22 | 3DP 65-200/22 | 30 | 22 | IE2 | 90,9 | 91,8 | 91,4 | - | 39,0 | 22,5 | |
| | | | | IE3 | 92,5 | 93,1 | 92,9 | - | 38,0 | 22,0 | |

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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

NOISE DATA TABLE 3D SERIES

2 Poles

| Model | P ₂ | | L _{pa} - dB(A)* |
|-------------------|----------------|------|--------------------------|
| | [HP] | [kW] | |
| 3D 32-125/1.1 (M) | 1,5 | 1,1 | 69 |
| 3D 32-160/1.5 (M) | 2 | 1,5 | |
| 3D 32-160/2.2 (M) | 3 | 2,2 | |
| 3D 32-200/3.0 | 4 | 3 | 76 |
| 3D 32-200/4.0 | 5,5 | 4 | |
| 3D 32-200/7.5 | 10 | 7,5 | 79 |
| 3D 40-125/1.5 (M) | 2 | 1,5 | 69 |
| 3D 40-125/2.2 (M) | 3 | 2,2 | |
| 3D 40-160/3.0 | 4 | 3 | 76 |
| 3D 40-160/4.0 | 5,5 | 4 | |
| 3D 40-200/5.5 | 7,5 | 5,5 | 79 |
| 3D 40-200/7.5 | 10 | 7,5 | |
| 3D 40-200/11 | 15 | 11 | 82 |
| 3D 50-125/2.2 (M) | 3 | 2,2 | 69 |
| 3D 50-125/3.0 | 4 | 3 | 76 |
| 3D 50-125/4.0 | 5,5 | 4 | |
| 3D 50-160/5.5 | 7,5 | 5,5 | 79 |
| 3D 50-160/7.5 | 10 | 7,5 | |
| 3D 50-200/9.2 | 12,5 | 9,2 | 82 |
| 3D 50-200/11 | 15 | 11 | |
| 3D 50-200/15 | 20 | 15 | 86 |
| 3D 65-125/4.0 | 5,5 | 4 | 76 |
| 3D 65-125/5.5 | 7,5 | 5,5 | 79 |
| 3D 65-125/7.5 | 10 | 7,5 | |
| 3D 65-160/7.5 | 10 | 7,5 | 82 |
| 3D 65-160/9.2 | 12,5 | 9,2 | |
| 3D 65-160/11 | 15 | 11 | 86 |
| 3D 65-160/15 | 20 | 15 | |
| 3D 65-200/15 | 20 | 15 | 86 |
| 3D 65-200/18,5 | 25 | 18,5 | |
| 3D 65-200/22 | 30 | 22 | |

* Mean value of several measures at 1m distance around the pump.
Tolerance ± 2.5 dB.

NOISE DATA TABLE 3DS - 3DP SERIES

2 Poles

| Model | | P ₂ | | L _{pa} - dB(A)* |
|-----------------|-----------------|----------------|------|--------------------------|
| 3DS | 3DP | [HP] | [kW] | |
| 3DS 32-125/1.1 | 3DP 32-125/1.1 | 1,5 | 1,1 | <70 |
| 3DS 32-160/1.5 | 3DP 32-160/1.5 | 2 | 1,5 | |
| 3DS 32-160/2.2 | 3DP 32-160/2.2 | 3 | 2,2 | |
| 3DS 32-200/3.0 | 3DP 32-200/3.0 | 4 | 3 | 73 |
| 3DS 32-200/4.0 | 3DP 32-200/4.0 | 5,5 | 4 | |
| 3DS 32-200/7.5 | 3DP 32-200/7.5 | 10 | 7,5 | 77 |
| 3DS 40-125/1.5 | 3DP 40-125/1.5 | 2 | 1,5 | <70 |
| 3DS 40-125/2.2 | 3DP 40-125/2.2 | 3 | 2,2 | |
| 3DS 40-160/3.0 | 3DP 40-160/3.0 | 4 | 3 | 73 |
| 3DS 40-160/4.0 | 3DP 40-160/4.0 | 5,5 | 4 | |
| 3DS 40-200/5.5 | 3DP 40-200/5.5 | 7,5 | 5,5 | 77 |
| 3DS 40-200/7.5 | 3DP 40-200/7.5 | 10 | 7,5 | |
| 3DS 40-200/11 | 3DP 40-200/11 | 15 | 11 | 79 |
| 3DS 50-125/2.2 | 3DP 50-125/2.2 | 3 | 2,2 | <70 |
| 3DS 50-125/3.0 | 3DP 50-125/3.0 | 4 | 3 | |
| 3DS 50-125/4.0 | 3DP 50-125/4.0 | 5,5 | 4 | 73 |
| 3DS 50-160/5.5 | 3DP 50-160/5.5 | 7,5 | 5,5 | 77 |
| 3DS 50-160/7.5 | 3DP 50-160/7.5 | 10 | 7,5 | |
| 3DS 50-200/9.2 | 3DP 50-200/9.2 | 12,5 | 9,2 | 79 |
| 3DS 50-200/11 | 3DP 50-200/11 | 15 | 11 | |
| 3DS 50-200/15 | 3DP 50-200/15 | 20 | 15 | 86 |
| 3DS 65-125/4.0 | 3DP 65-125/4.0 | 5,5 | 4 | 73 |
| 3DS 65-125/5.5 | 3DP 65-125/5.5 | 7,5 | 5,5 | 77 |
| 3DS 65-125/7.5 | 3DP 65-125/7.5 | 10 | 7,5 | |
| 3DS 65-160/7.5 | 3DP 65-160/7.5 | 10 | 7,5 | 82 |
| 3DS 65-160/9.2 | 3DP 65-160/9.2 | 12,5 | 9,2 | |
| 3DS 65-160/11 | 3DP 65-160/11 | 15 | 11 | 79 |
| 3DS 65-160/15 | 3DP 65-160/15 | 20 | 15 | |
| 3DS 65-200/15 | 3DP 65-200/15 | 20 | 15 | 86 |
| 3DS 65-200/18.5 | 3DP 65-200/18.5 | 25 | 18,5 | |
| 3DS 65-200/22 | 3DP 65-200/22 | 30 | 22 | |

* Mean value of several measures at 1m distance around the pump.
Tolerance ± 2.5 dB.

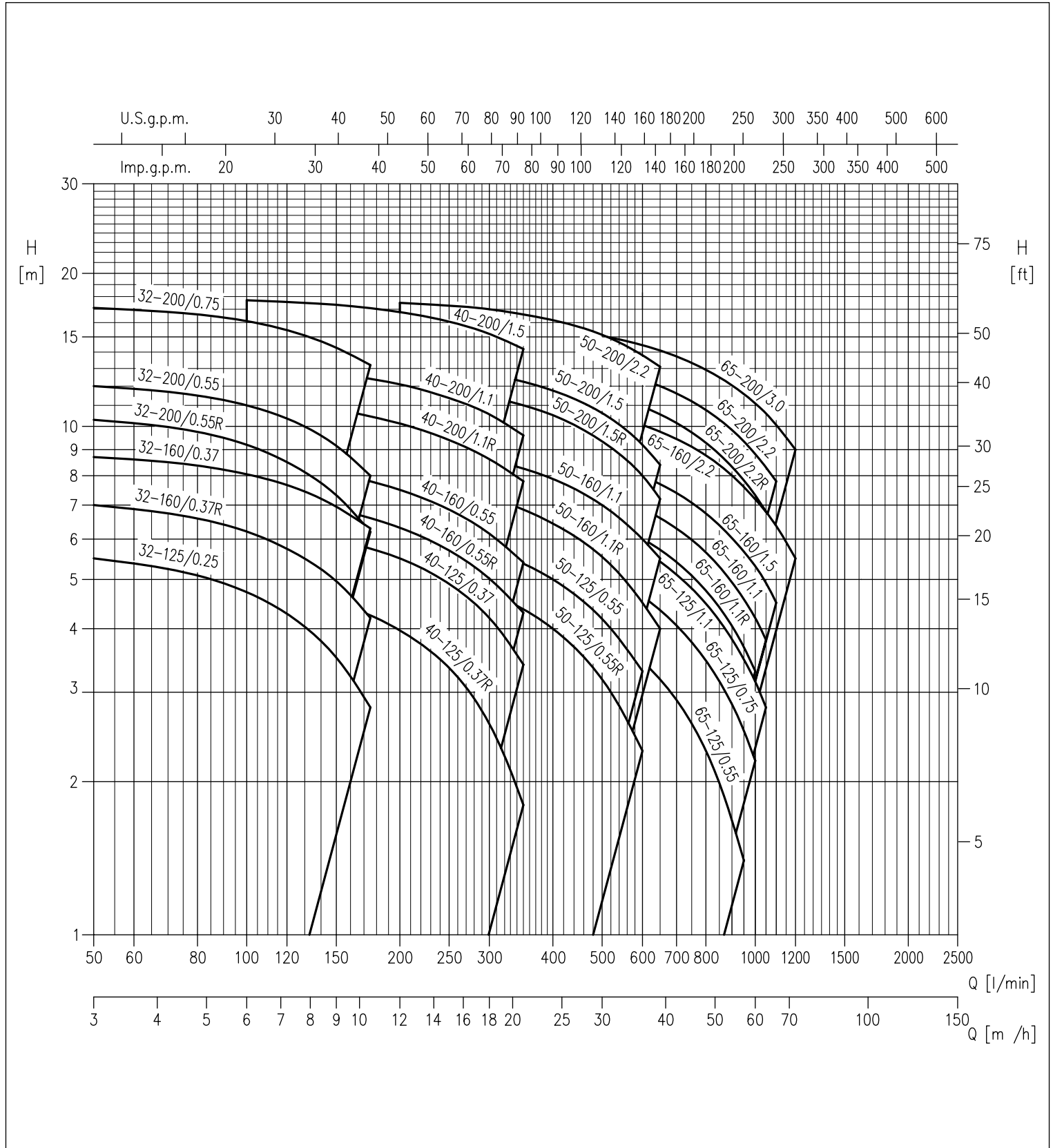


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE RANGE at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

3D SERIES(.)/4 32 PERFORMANCE TABLE

4 Poles

| Model | P ₁ | | Q=Flow rate | | | | |
|----------------------|----------------|------|----------------------------|---------|----------|----------|-------------|
| | [HP] | [kW] | l/min m ³ /h | 50 3 | 100 6 | 150 9 | 175 10,5 |
| | | | H=Head [m] | | | | |
| 3D(.)/4 32-125/0.25 | 0,33 | 0,25 | | 5,5 | 4,7 | 3,5 | 2,8 |
| 3D(.)/4 32-125/0.37R | 0,5 | 0,37 | | 7,0 | 6,2 | 5,0 | 4,2 |
| 3D(.)/4 32-125/0.37 | 0,5 | 0,37 | | 8,7 | 8,1 | 7,0 | 6,3 |
| 3D(.)/4 32-125/0.55R | 0,75 | 0,55 | | 10,3 | 9,2 | 7,3 | 6,2 |
| 3D(.)/4 32-125/0.55 | 0,75 | 0,55 | | 12,0 | 11,0 | 9,2 | 8,0 |
| 3D(.)/4 32-125/0.75 | 1 | 0,75 | | 17,1 | 16,1 | 14,3 | 13,2 |

3D SERIES(.)/4 40 PERFORMANCE TABLE

4 Poles

| Model | P ₁ | | Q=Flow rate | | | | | | | |
|----------------------|----------------|------|----------------------------|----------|----------|-------------|-----------|-----------|-----------|-----------|
| | [HP] | [kW] | l/min m ³ /h | 100 6 | 150 9 | 175 10,5 | 200 12 | 250 15 | 300 18 | 350 21 |
| | | | H=Head [m] | | | | | | | |
| 3D(.)/4 40-125/0.37R | 0,5 | 0,37 | | 4,8 | 4,5 | 4,3 | 4,0 | 3,4 | 2,6 | 1,8 |
| 3D(.)/4 40-125/0.37 | 0,5 | 0,37 | | 6,3 | 6,0 | 5,8 | 5,5 | 4,9 | 4,2 | 3,4 |
| 3D(.)/4 40-125/0.55R | 0,75 | 0,55 | | 7,3 | 6,9 | 6,6 | 6,3 | 5,7 | 5,0 | 4,3 |
| 3D(.)/4 40-125/0.55 | 0,75 | 0,55 | | 8,6 | 8,1 | 7,8 | 7,5 | 6,9 | 6,2 | 5,4 |
| 3D(.)/4 40-125/1.1R | 1,5 | 1,1 | | 11,2 | 10,8 | 10,5 | 10,1 | 9,4 | 8,6 | 7,8 |
| 3D(.)/4 40-125/1.1 | 1,5 | 1,1 | | 13,2 | 12,7 | 12,4 | 12,1 | 11,4 | 10,6 | 9,6 |
| 3D(.)/4 40-125/1.5 | 2 | 1,5 | | 17,7 | 17,3 | 17,1 | 16,8 | 16,1 | 15,2 | 14,2 |

3D SERIES(.)/4 50 PERFORMANCE TABLE

4 Poles

| Model | P ₁ | | Q=Flow rate | | | | | | | | |
|----------------------|----------------|------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | [HP] | [kW] | l/min m ³ /h | 200 12 | 250 15 | 300 18 | 350 21 | 400 24 | 500 30 | 600 36 | 650 39 |
| | | | H=Head [m] | | | | | | | | |
| 3D(.)/4 50-125/0.55R | 0,75 | 0,55 | | 5,2 | 5,0 | 4,7 | 4,4 | 4,0 | 3,2 | 2,3 | - |
| 3D(.)/4 50-125/0.55 | 0,75 | 0,55 | | 6,2 | 6,0 | 5,7 | 5,4 | 5,0 | 4,2 | 3,3 | - |
| 3D(.)/4 50-160/1.1R | 1,5 | 1,1 | | 7,8 | 7,6 | 7,2 | 6,9 | 6,4 | 5,5 | 4,5 | 4,0 |
| 3D(.)/4 50-160/1.1 | 1,5 | 1,1 | | 9,1 | 8,9 | 8,6 | 8,3 | 7,9 | 7,0 | 6,0 | 5,5 |
| 3D(.)/4 50-200/1.5R | 2 | 1,5 | | 12,1 | 11,8 | 11,4 | 11,0 | 10,5 | 9,3 | 8,0 | 7,2 |
| 3D(.)/4 50-200/0.1.5 | 2 | 1,5 | | 13,3 | 13,0 | 12,7 | 12,2 | 11,8 | 10,6 | 9,2 | 8,4 |
| 3D(.)/4 50-200/2.2 | 3 | 2,2 | | 17,5 | 17,3 | 17,0 | 16,6 | 16,2 | 15,1 | 13,8 | 13,1 |

3D SERIES(.)/4 65 PERFORMANCE TABLE

4 Poles

| Model | P ₁ | | Q=Flow rate | | | | | | | | | | |
|---------------------|----------------|------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
| | [HP] | [kW] | l/min m ³ /h | 300 18 | 350 21 | 500 30 | 600 36 | 800 48 | 950 57 | 1000 60 | 1050 63 | 1100 66 | 1200 72 |
| | | | H=Head [m] | | | | | | | | | | |
| 3D(.)/4 65-125/0.55 | 0,75 | 0,55 | | 4,8 | 4,6 | 4,0 | 3,5 | 2,3 | 1,4 | - | - | - | - |
| 3D(.)/4 65-125/0.75 | 1 | 0,75 | | 6,0 | 5,8 | 5,2 | 4,6 | 3,5 | 2,5 | 2,2 | - | - | - |
| 3D(.)/4 65-125/1.1 | 1,50 | 1,10 | | 7,2 | 7,0 | 6,3 | 5,7 | 4,5 | 3,5 | 3,2 | 2,8 | - | - |
| 3D(.)/4 65-160/1.1 | 1,50 | 1,10 | | - | 8,1 | 7,4 | 6,9 | 5,7 | 4,6 | 4,2 | 3,8 | - | - |
| 3D(.)/4 65-160/1.5 | 2 | 1,50 | | - | 9,2 | 8,5 | 8,0 | 6,7 | 5,7 | 5,3 | 4,9 | 4,5 | - |
| 3D(.)/4 65-160/2.2 | 3 | 2,20 | | - | 11,3 | 10,6 | 10,1 | 8,8 | 7,6 | 7,2 | 6,8 | 6,4 | 5,5 |
| 3D(.)/4 65-200/2.2R | 3 | 2,20 | | - | 12,4 | 11,6 | 10,9 | 9,3 | 7,8 | 7,3 | 6,8 | - | - |
| 3D(.)/4 65-200/2.2 | 3 | 2,20 | | - | 13,9 | 13,0 | 12,4 | 10,8 | 9,3 | 8,8 | 8,3 | 7,8 | - |
| 3D(.)/4 65-200/3 | 4 | 3 | | - | 15,8 | 15,1 | 14,4 | 12,9 | 11,6 | 11,1 | 10,6 | 10,1 | 9 |

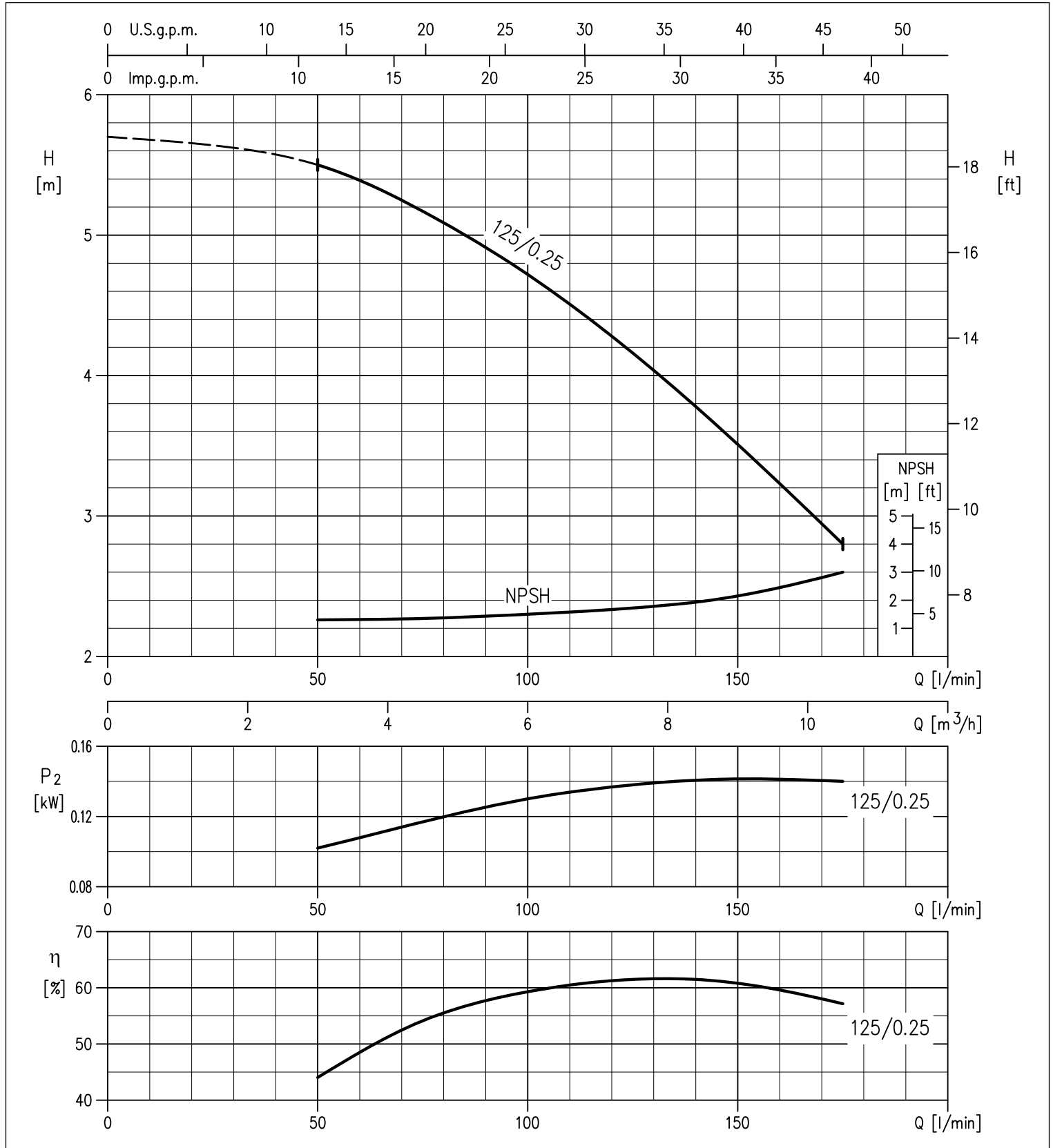


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.)4 32-125 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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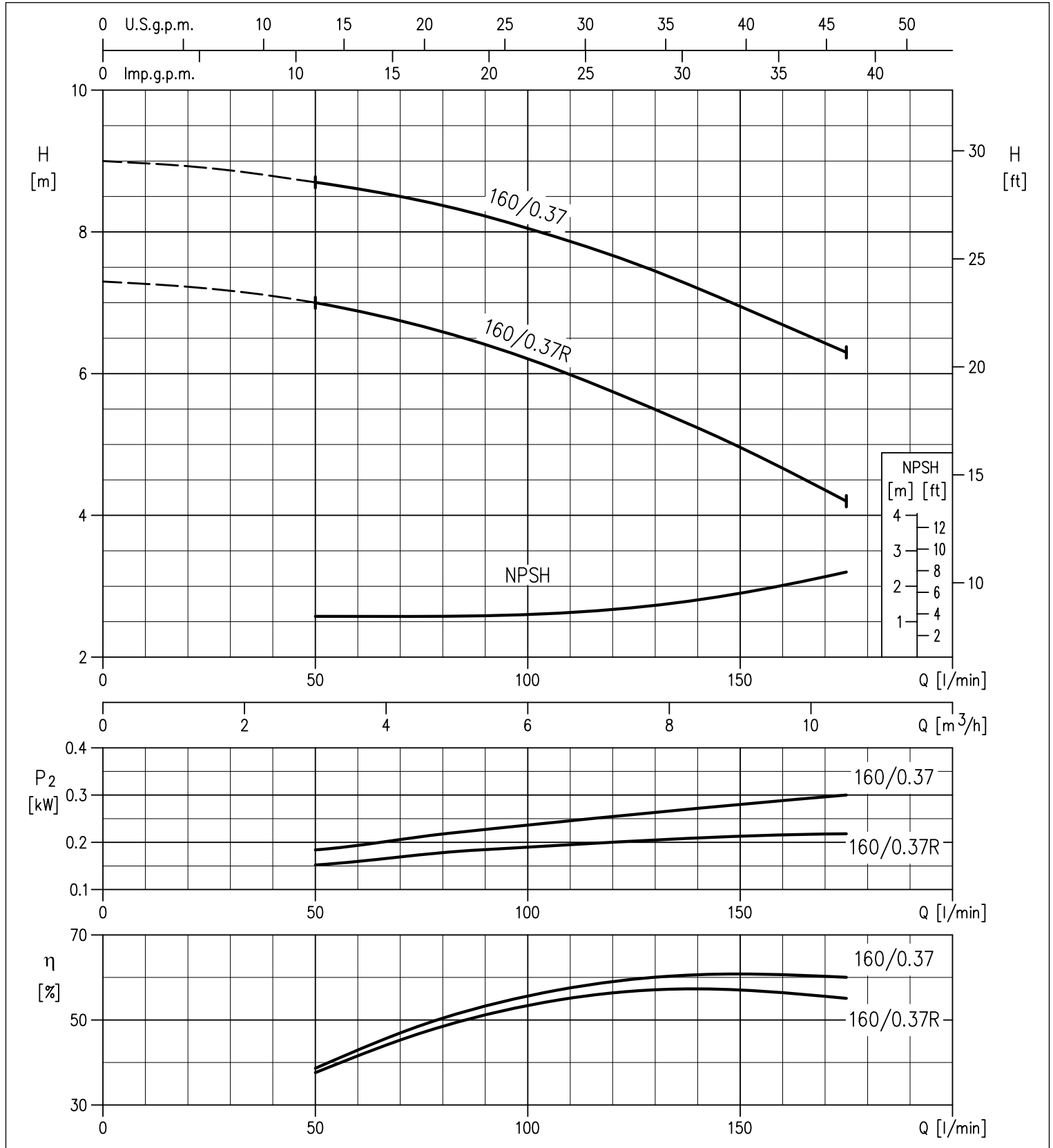


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.)4 32-160 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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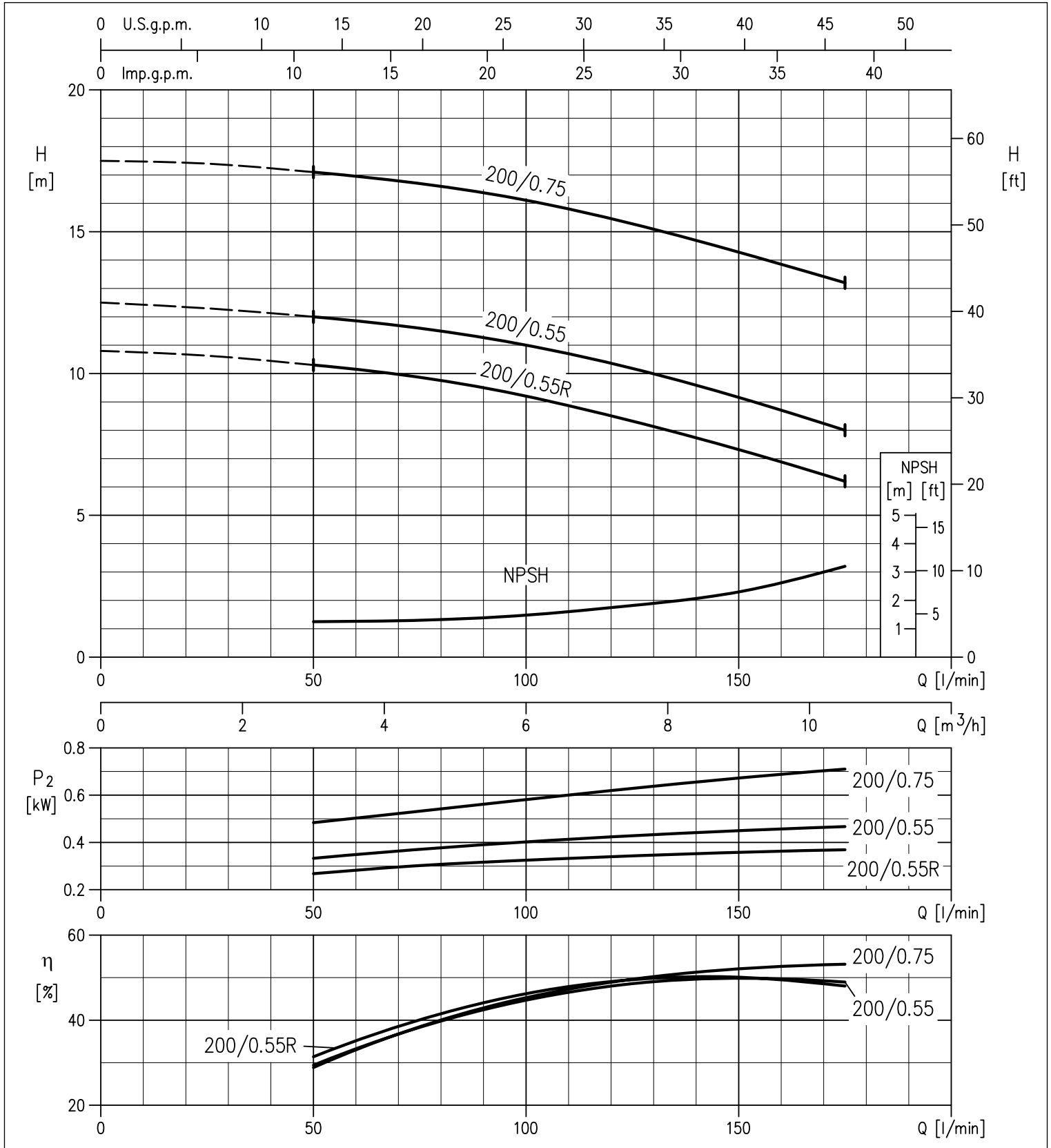


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.)4 32-200 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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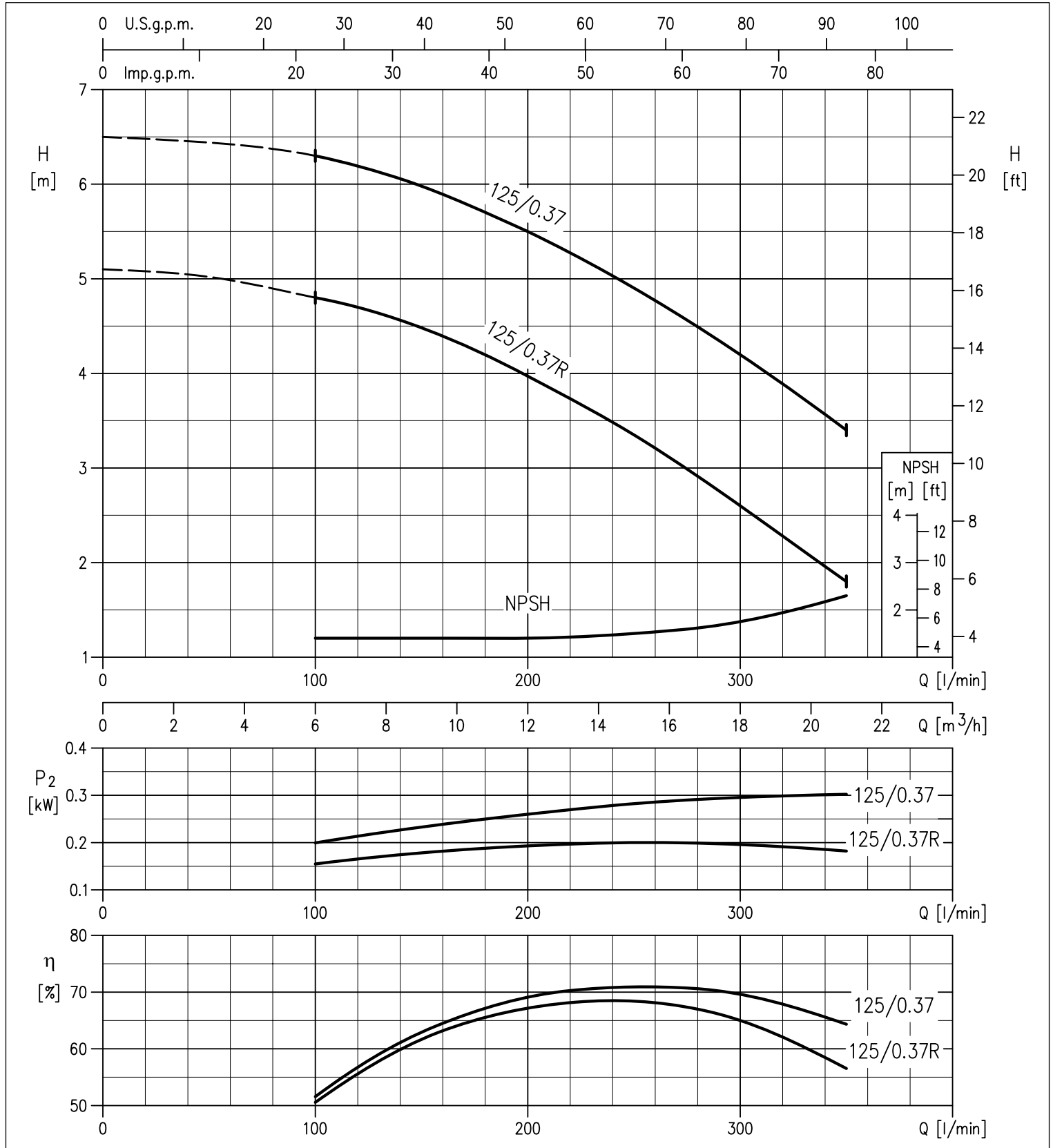


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.)4 40-125 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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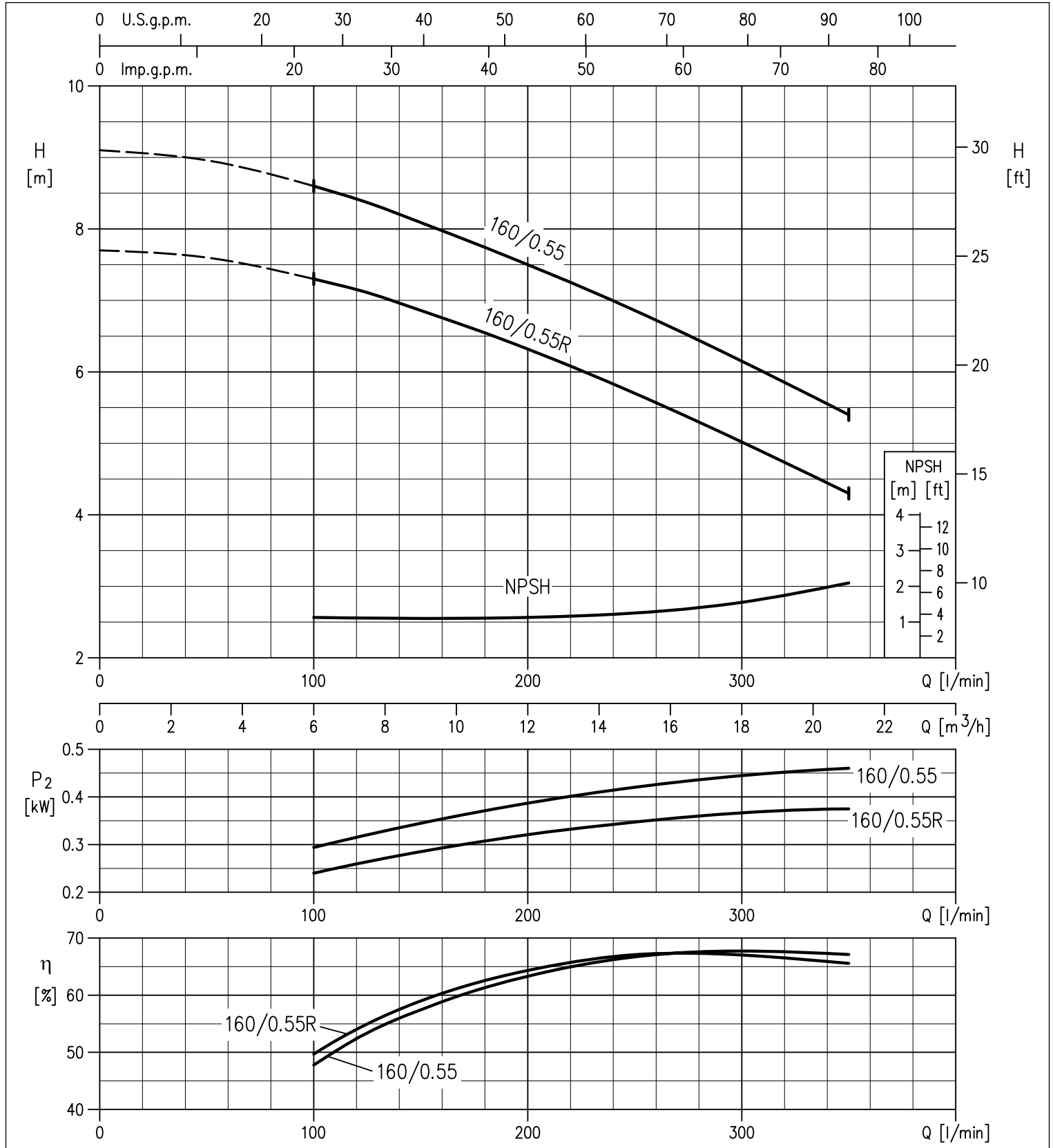


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.)4 40-160 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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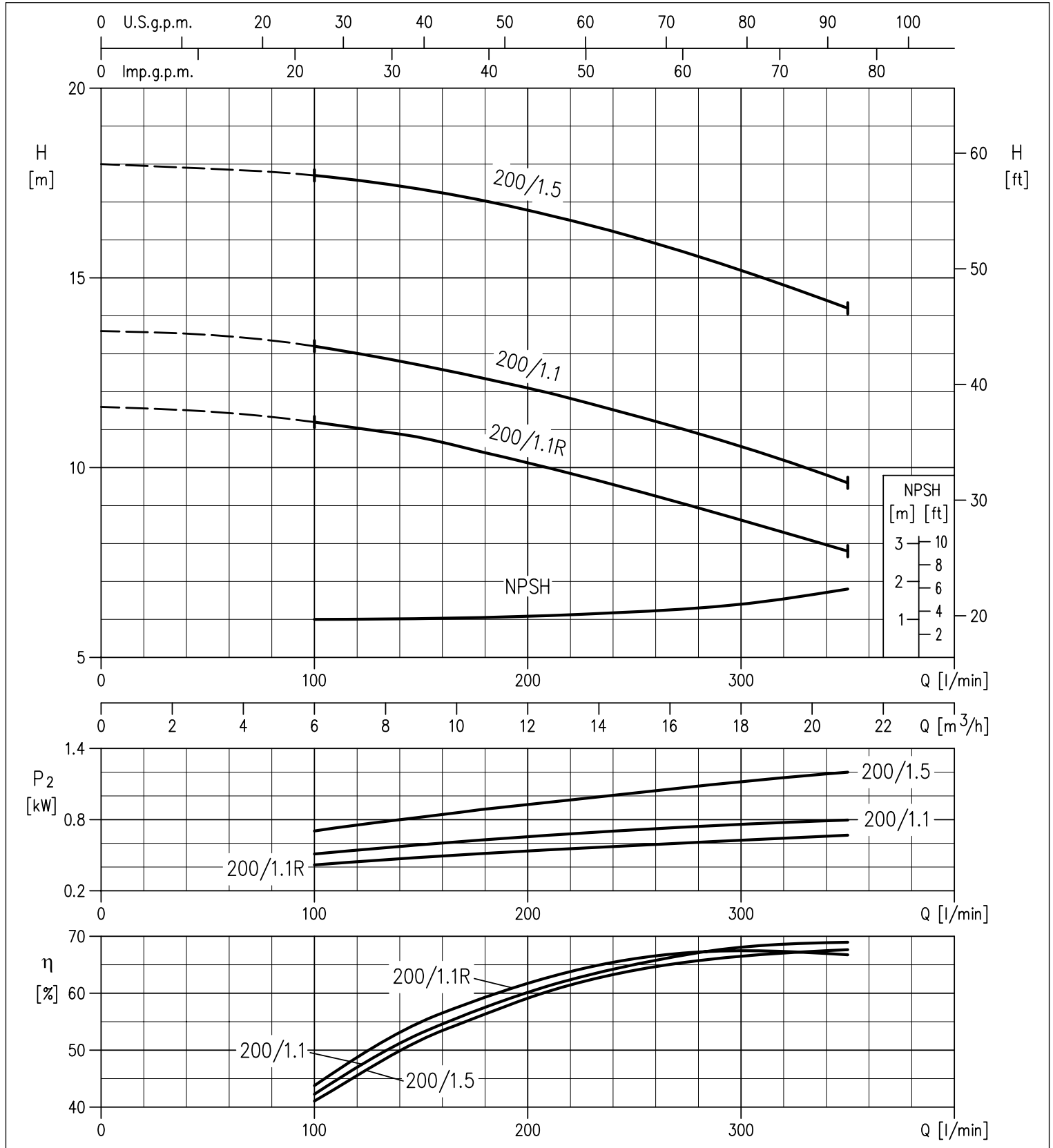


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.)4 40-200 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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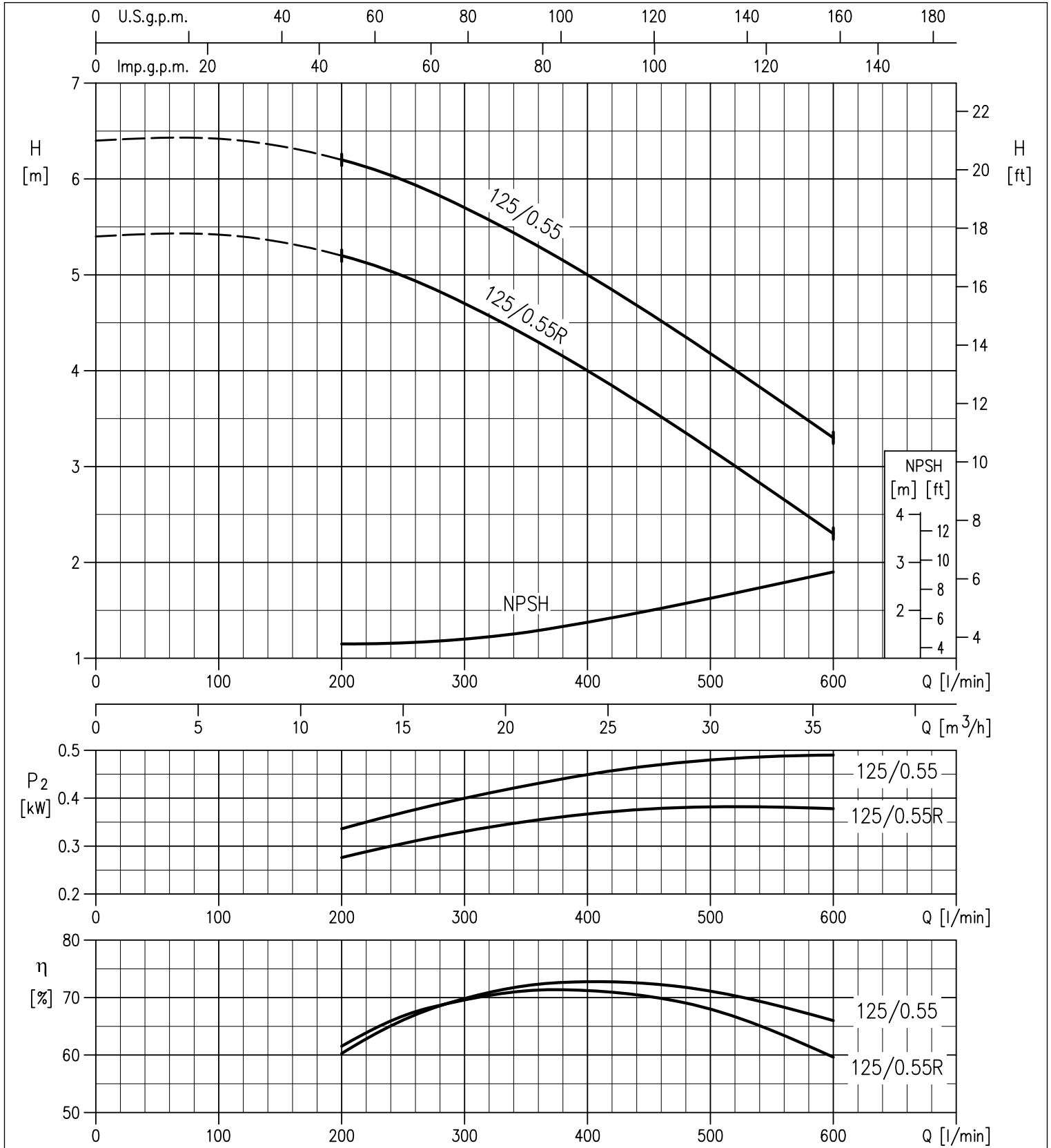


3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

PERFORMANCE CURVES 3D(.)4 50-125 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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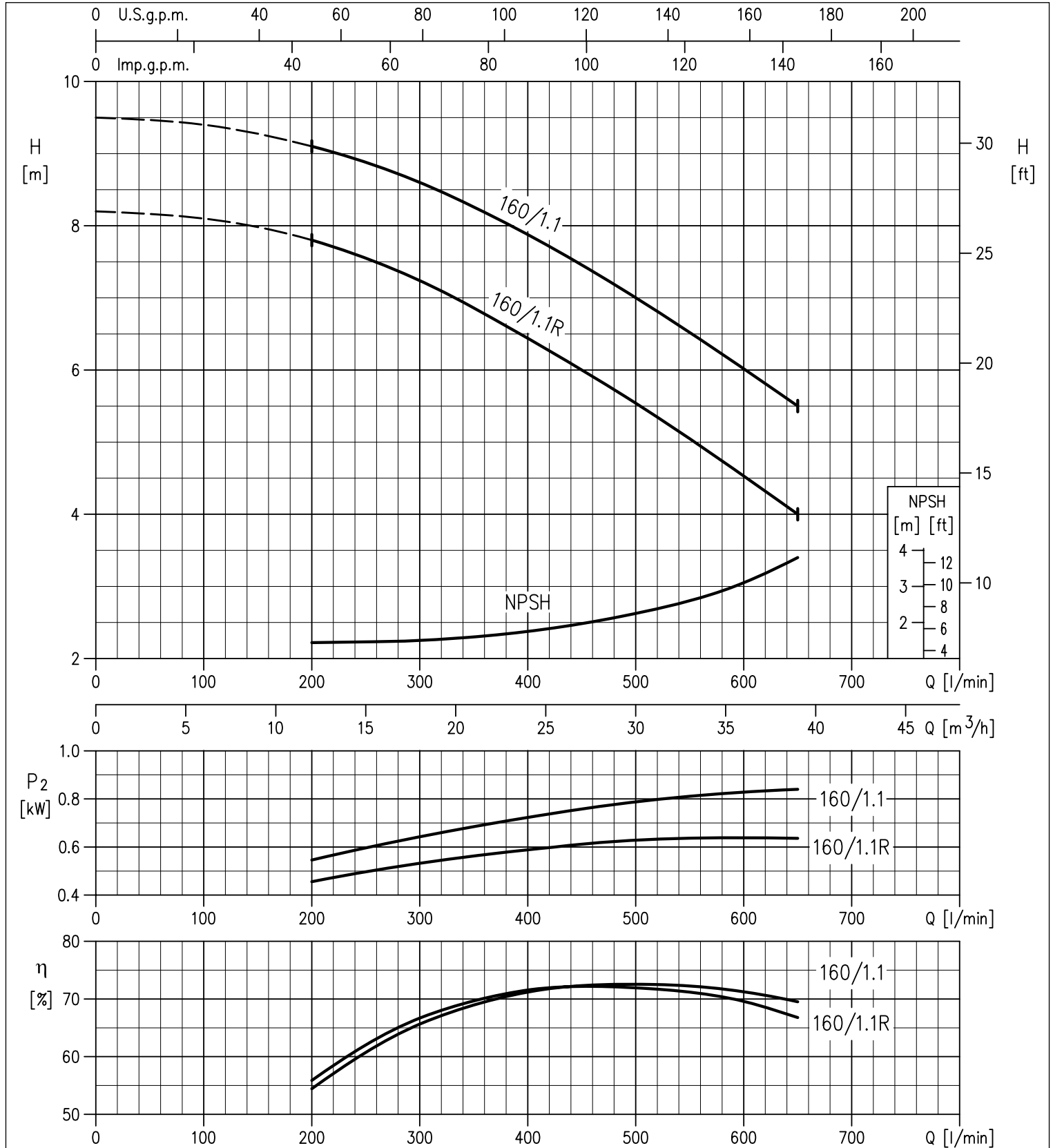


3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

PERFORMANCE CURVES 3D(.)4 50-160 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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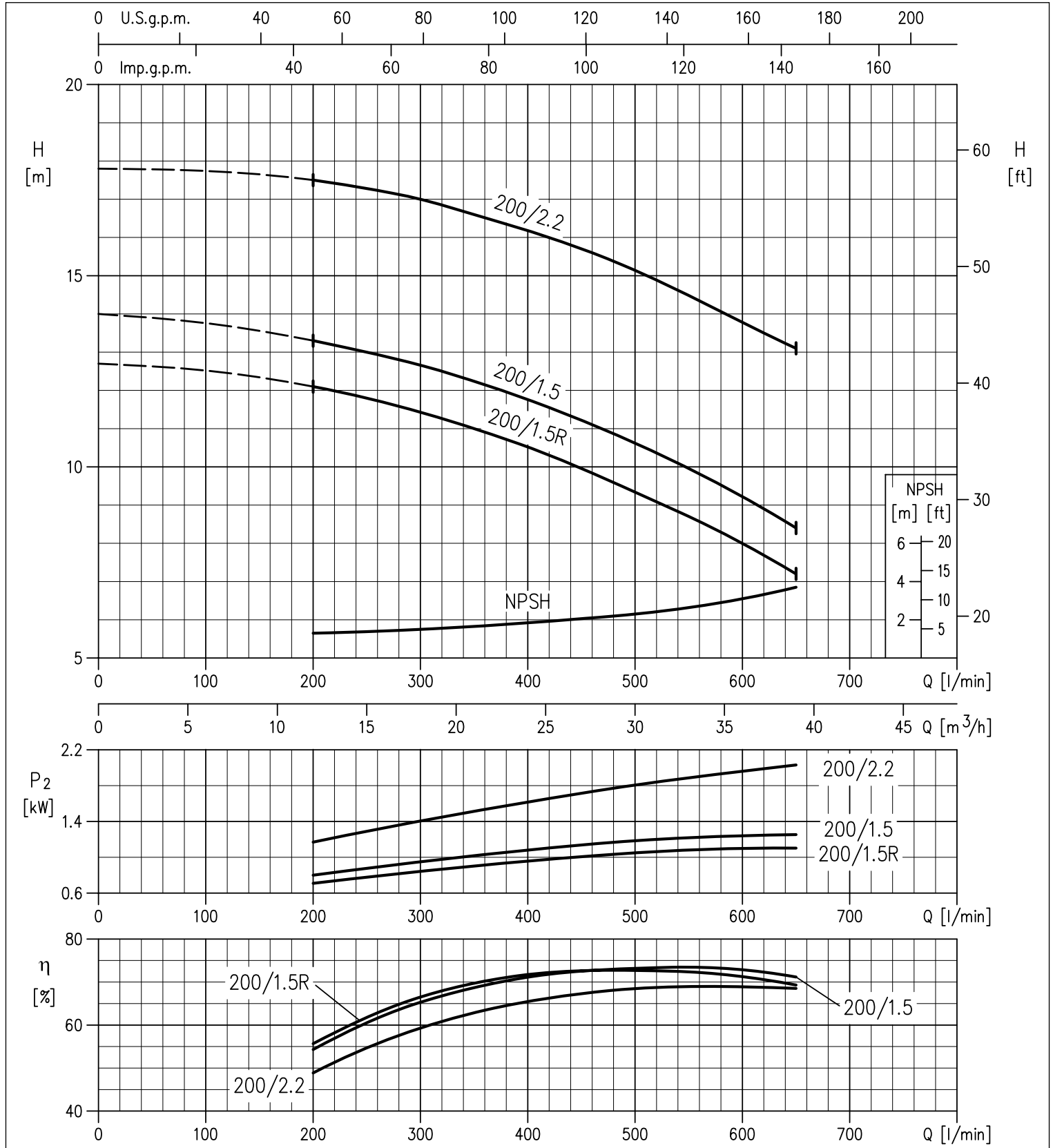


3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

PERFORMANCE CURVES 3D(.)4 50-200 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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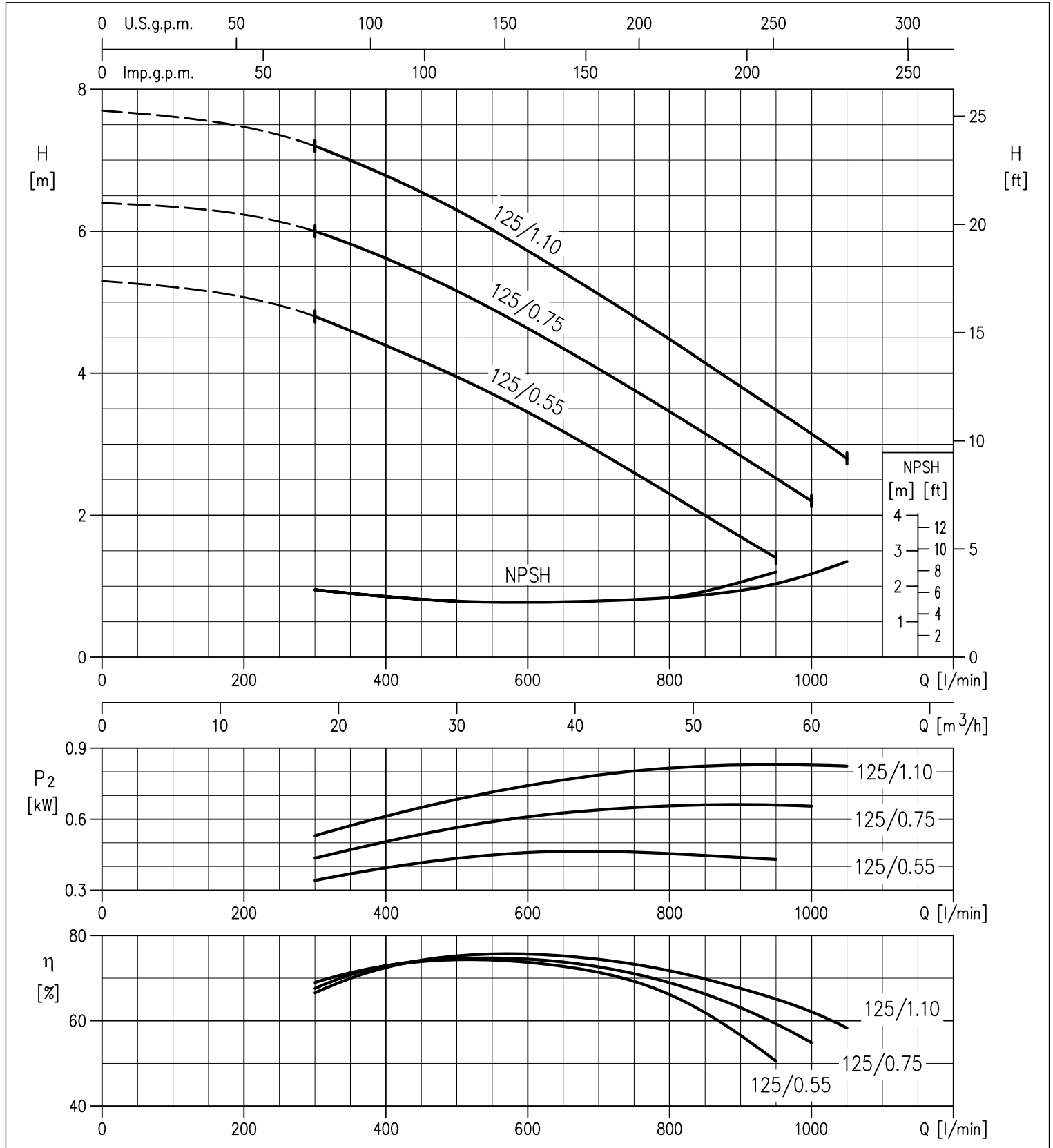


3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

PERFORMANCE CURVES 3D(.)4 65-125 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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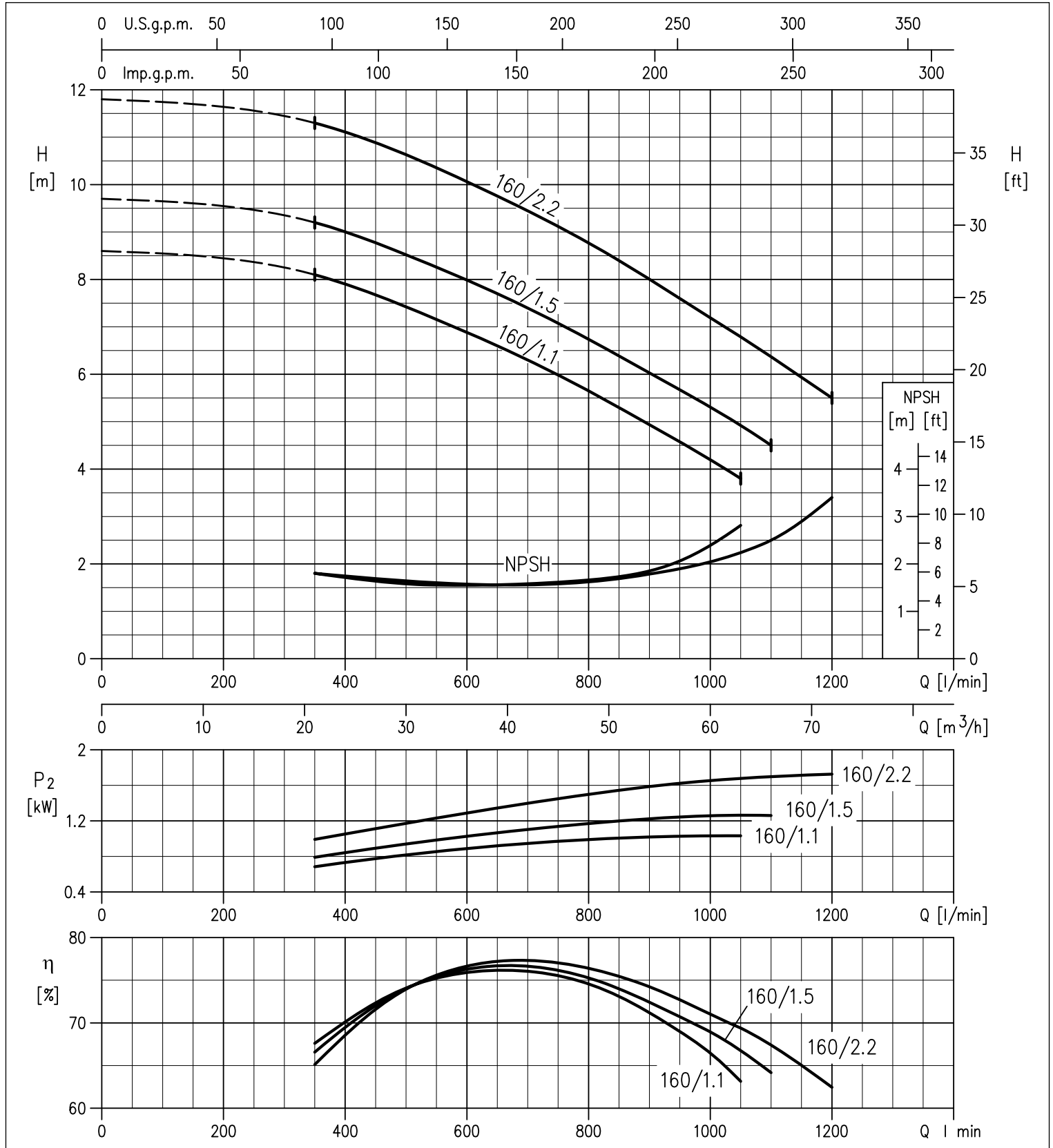


3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

PERFORMANCE CURVES 3D(.)4 65-160 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



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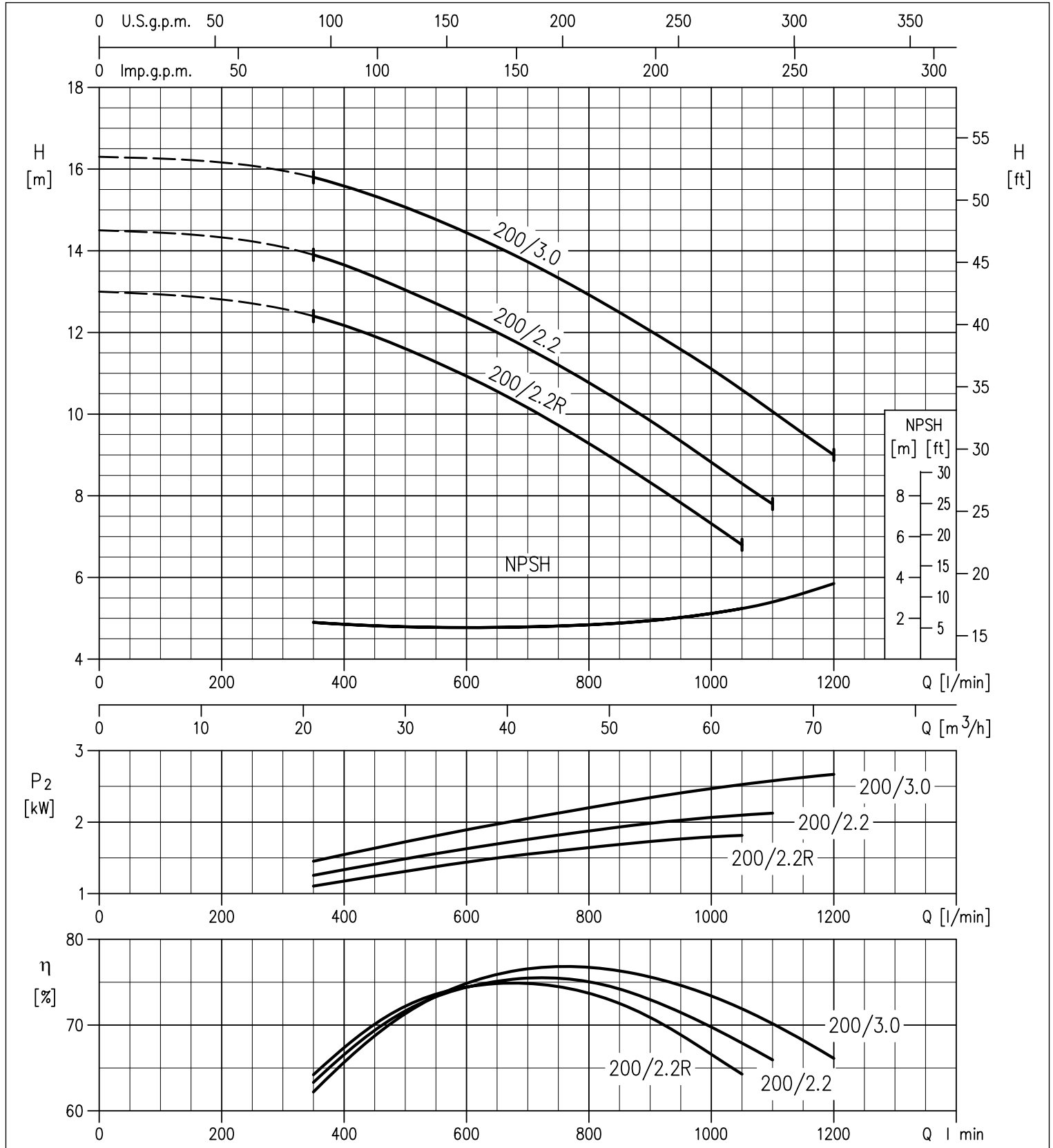


3D SERIES

**NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)**

PERFORMANCE CURVES 3D(.)4 65-200 series at 1400 min⁻¹ (according to ISO 9906 Attachment A)

4 Poles



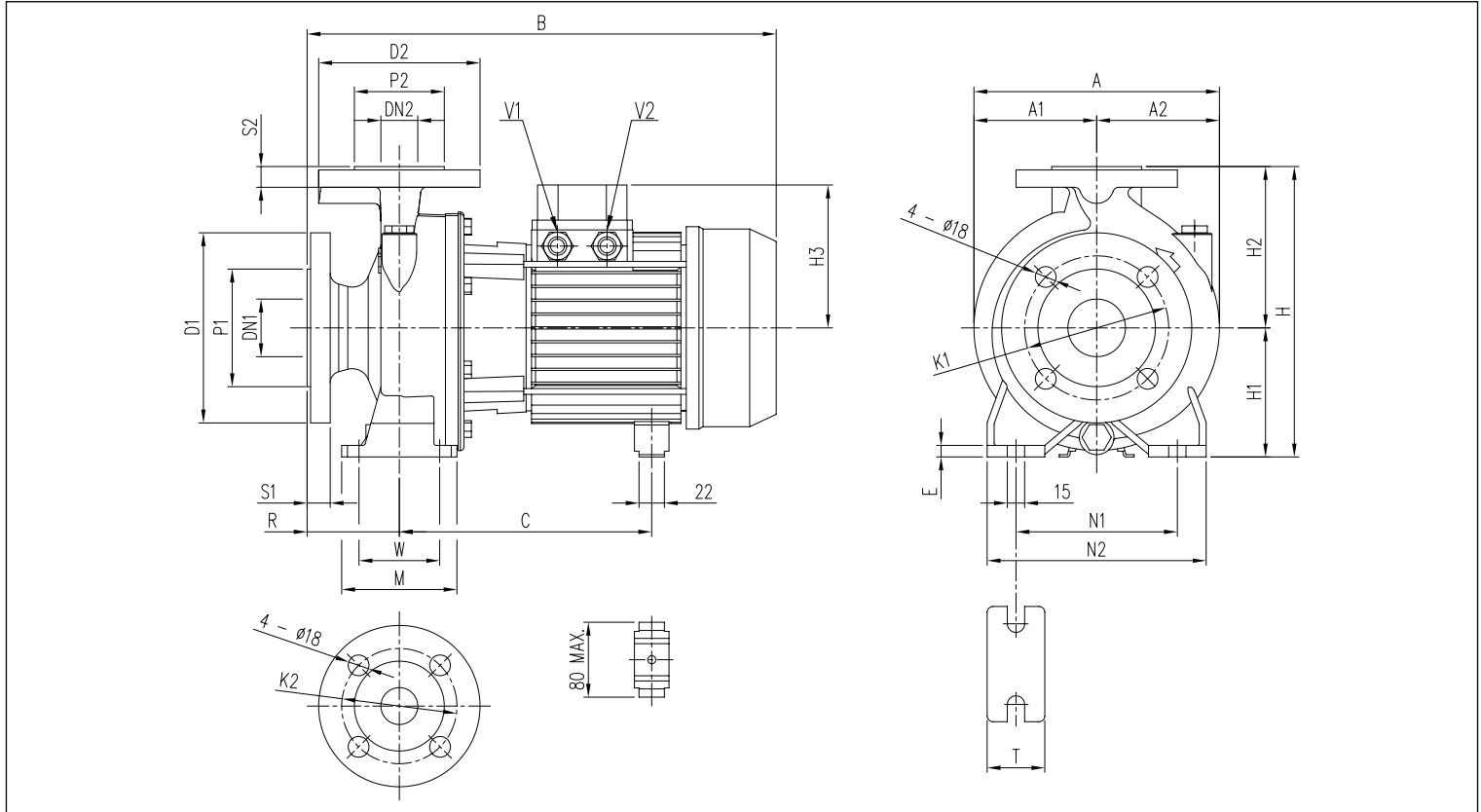
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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

DIMENSIONS 3D4 SERIES

4 Poles

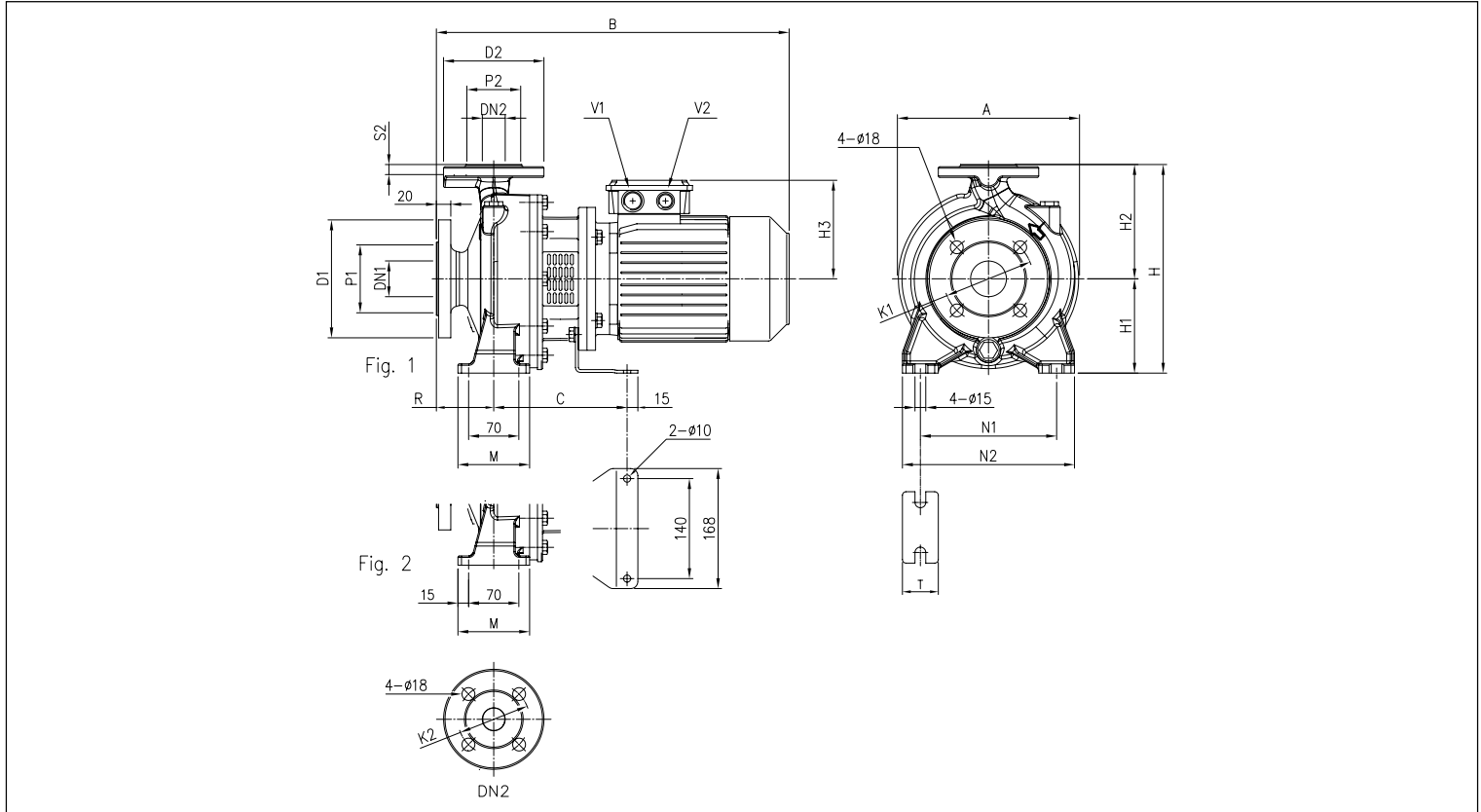


DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | Weight [kg] | | | | | | | | |
|------------------|-----------------|-----|-----|-----|----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|-----|----|-----|-----|-----|-------------|----|-----|-------|-------|-----|---------|---------|------|
| | DN1 | P1 | K1 | D1 | S1 | DN2 | P2 | K2 | D2 | S2 | Fig. | H | H1 | H2 | H3 | R | W | M | N1 | N2 | | T | E | A | A1 | A2 | B | C | V2 |
| 3D4 32-125/0.25 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 252 | 112 | 140 | 102 | 80 | 70 | 100 | 140 | 190 | 50 | 10 | 213 | 106,5 | 106,5 | 371 | 205 | PG 11 | 23,9 |
| 3D4 32-160/0.37R | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 292 | 132 | 160 | 119 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | 393 | 219 | PG 11 | 31,1 |
| 3D4 32-160/0.37 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 292 | 132 | 160 | 119 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | 393 | 219 | PG 11 | 31,3 |
| 3D4 32-200/0.55R | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 119 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 296 | 148 | 148 | 393 | 219 | PG 11 | 35,9 |
| 3D4 32-200/0.55 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 119 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 296 | 148 | 148 | 393 | 219 | PG 11 | 35,9 |
| 3D4 32-200/0.75 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 124 | 80 | 70 | 100 | 190 | 240 | 50 | 10 | 296 | 148 | 148 | 432 | 244÷255 | PG 13,5 | 39,5 |
| 3D4 40-125/0.37R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 252 | 112 | 140 | 102 | 80 | 70 | 100 | 160 | 210 | 50 | 10 | 213 | 108 | 112 | 371 | 205 | PG 11 | 24,7 |
| 3D4 40-125/0.37 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 252 | 112 | 140 | 102 | 80 | 70 | 100 | 160 | 210 | 50 | 10 | 213 | 108 | 112 | 371 | 205 | PG 11 | 24,8 |
| 3D4 40-160/0.55R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 292 | 132 | 160 | 119 | 80 | 70 | 100 | 190 | 240 | 50 | 12 | 254 | 127 | 127 | 393 | 219 | PG 11 | 32,3 |
| 3D4 40-160/0.55 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 292 | 132 | 160 | 119 | 80 | 70 | 100 | 190 | 240 | 50 | 12 | 254 | 127 | 127 | 393 | 219 | PG 11 | 32,7 |
| 3D4 40-200/1.1R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 124 | 100 | 70 | 100 | 212 | 265 | 50 | 12 | 296 | 148 | 148 | 452 | 244÷255 | PG 13,5 | 41,2 |
| 3D4 40-200/1.1 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 124 | 100 | 70 | 100 | 212 | 265 | 50 | 12 | 296 | 148 | 148 | 452 | 244÷255 | PG 13,5 | 41,3 |
| 3D4 40-200/1.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 124 | 100 | 70 | 100 | 212 | 265 | 50 | 12 | 296 | 148 | 148 | 491 | 244÷255 | PG 13,5 | 43,0 |
| 3D4 50-125/0.55R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 292 | 132 | 160 | 119 | 100 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | 413 | 219 | PG 11 | 32,7 |
| 3D4 50-125/0.55 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 292 | 132 | 160 | 119 | 100 | 70 | 100 | 190 | 240 | 50 | 10 | 254 | 127 | 127 | 413 | 219 | PG 11 | 32,8 |
| 3D4 50-160/1.1R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 340 | 160 | 180 | 124 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 145 | 148 | 452 | 244÷255 | PG 13,5 | 42,2 |
| 3D4 50-160/1.1 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 340 | 160 | 180 | 124 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | 452 | 244÷255 | PG 13,5 | 42,3 |
| 3D4 50-200/1.5R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 360 | 160 | 200 | 124 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | 491 | 244÷255 | PG 13,5 | 43,4 |
| 3D4 50-200/1.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 360 | 160 | 200 | 124 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | 491 | 244÷255 | PG 13,5 | 44,5 |
| 3D4 50-200/2.2 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 360 | 160 | 200 | 141 | 100 | 70 | 100 | 212 | 265 | 50 | 10 | 296 | 148 | 148 | 474 | 253 | PG 16 | 42,9 |
| 3D4 65-125/0.55 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 119 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 263 | 127 | 136 | 413 | 219 | PG 11 | 37,2 |
| 3D4 65-125/0.75 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 124 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 263 | 127 | 136 | 452 | 244÷255 | PG 13,5 | 35,3 |
| 3D4 65-125/1.1 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 124 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 263 | 127 | 136 | 452 | 244÷255 | PG 13,5 | 35,3 |
| 3D4 65-160/1.1 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 360 | 160 | 200 | 124 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 296 | 148 | 148 | 452 | 244÷255 | PG 13,5 | 44,6 |
| 3D4 65-160/1.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 360 | 160 | 200 | 124 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 296 | 148 | 148 | 491 | 244÷255 | PG 13,5 | 46,1 |
| 3D4 65-160/2.2 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 360 | 160 | 200 | 141 | 100 | 95 | 125 | 212 | 280 | 65 | 12 | 296 | 148 | 148 | 474 | 253 | PG 16 | 48,1 |
| 3D4 65-200/2.2R | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 405 | 180 | 225 | 141 | 100 | 95 | 125 | 250 | 320 | 65 | 12 | 312 | 154,5 | 157,5 | 474 | 253 | PG 16 | 46,5 |
| 3D4 65-200/2.2 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 405 | 180 | 225 | 141 | 100 | 95 | 125 | 250 | 320 | 65 | 12 | 312 | 154,5 | 157,5 | 474 | 253 | PG 16 | 46,5 |
| 3D4 65-200/3 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 405 | 180 | 225 | 141 | 100 | 95 | 125 | 250 | 320 | 65 | 12 | 312 | 154,5 | 157,5 | 514 | 253 | PG 16 | 54,5 |

DIMENSIONS 3DS4 32, 40, 50, 65 SERIES

4 Poles



DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | | | | | | | Weight [kg] | | | |
|-------------------|-----------------|-----|-----|-----|----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-------------|---------|---------|------|
| | DN1 | P1 | K1 | D1 | S1 | DN2 | P2 | K2 | D2 | S2 | Fig. | H | H1 | H2 | H3 | R | W | M | N1 | N2 | T | A | B | C | X | Y | | K | V2 | V2 |
| 3DS4 32-125/0.25 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 252 | 112 | 140 | 114 | 80 | 70 | 100 | 140 | 190 | 50 | 213 | 404 | 153 | 112 | 140 | 8 | M20x1,5 | M16x1,5 | 24,3 |
| 3DS4 32-160/0.37R | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 292 | 132 | 160 | 114 | 80 | 70 | 100 | 190 | 240 | 50 | 254 | 404 | 153 | 112 | 140 | 8 | M20x1,5 | M16x1,5 | 29,9 |
| 3DS4 32-160/0.37 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 292 | 132 | 160 | 114 | 80 | 70 | 100 | 190 | 240 | 50 | 254 | 404 | 153 | 112 | 140 | 8 | M20x1,5 | M16x1,5 | 30,1 |
| 3DS4 32-200/0.55R | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 139 | 80 | 70 | 100 | 190 | 240 | 50 | 296 | 430 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 39,4 |
| 3DS4 32-200/0.55 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 139 | 80 | 70 | 100 | 190 | 240 | 50 | 296 | 430 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 44,4 |
| 3DS4 32-200/0.75 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 1 | 340 | 160 | 180 | 139 | 80 | 70 | 100 | 190 | 240 | 50 | 296 | 430 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 40,9 |
| 3DS4 40-125/0.37R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 252 | 112 | 140 | 114 | 80 | 70 | 100 | 160 | 210 | 50 | 220 | 404 | 153 | 112 | 140 | 8 | M20x1,5 | M16x1,5 | 25,3 |
| 3DS4 40-125/0.37 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 252 | 112 | 140 | 114 | 80 | 70 | 100 | 160 | 210 | 50 | 220 | 404 | 153 | 112 | 140 | 8 | M20x1,5 | M16x1,5 | 25,3 |
| 3DS4 40-160/0.55R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 292 | 132 | 160 | 139 | 80 | 70 | 100 | 190 | 240 | 50 | 254 | 430 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 35,6 |
| 3DS4 40-160/0.55 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 1 | 292 | 132 | 160 | 139 | 80 | 70 | 100 | 190 | 240 | 50 | 254 | 430 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 35,6 |
| 3DS4 40-200/1.1R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 148 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 47,0 |
| 3DS4 40-200/1.1 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 148 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 47 |
| 3DS4 40-200/1.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 2 | 340 | 160 | 180 | 148 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 48,2 |
| 3DS4 50-125/0.55R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 292 | 132 | 160 | 139 | 100 | 70 | 100 | 190 | 240 | 50 | 254 | 450 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 36,0 |
| 3DS4 50-125/0.55 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 292 | 132 | 160 | 139 | 100 | 70 | 100 | 190 | 240 | 50 | 254 | 450 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 36,0 |
| 3DS4 50-160/1.1R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 340 | 160 | 180 | 148 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 47,6 |
| 3DS4 50-160/1.1 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 340 | 160 | 180 | 148 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 47,6 |
| 3DS4 50-200/1.5R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 360 | 160 | 200 | 148 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 50,0 |
| 3DS4 50-200/1.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 2 | 360 | 160 | 200 | 148 | 100 | 70 | 100 | 212 | 265 | 50 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 50,0 |
| 3DS4 65-125/0.55 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 139 | 100 | 95 | 125 | 212 | 280 | 65 | 263 | 450 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 36,8 |
| 3DS4 65-125/0.75 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 139 | 100 | 95 | 125 | 212 | 280 | 65 | 263 | 450 | 174 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 45,3 |
| 3DS4 65-125/1.1 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 340 | 160 | 180 | 139 | 100 | 95 | 125 | 212 | 280 | 65 | 263 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 45,3 |
| 3DS4 65-160/1.1 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 360 | 160 | 200 | 148 | 100 | 95 | 125 | 212 | 280 | 65 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 47,1 |
| 3DS4 65-160/1.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 2 | 360 | 160 | 200 | 148 | 100 | 95 | 125 | 212 | 280 | 65 | 296 | 497 | 186 | 140 | 168 | 10 | M25x1,5 | M20x1,5 | 59,1 |

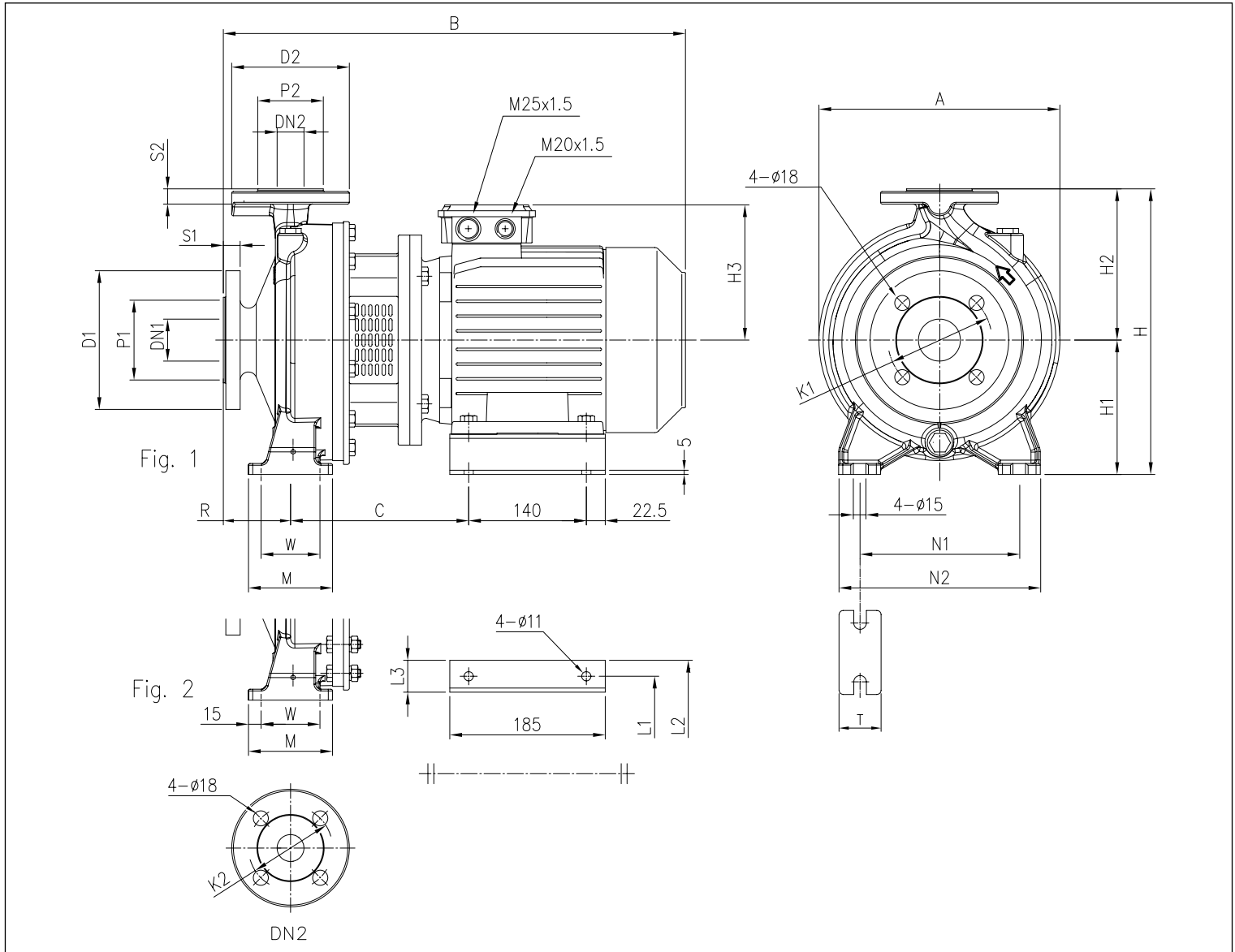
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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS
CONFORMING TO EN 733 (EX DIN 24255)

DIMENSIONS 3DS4 50, 60 SERIES

4 Poles

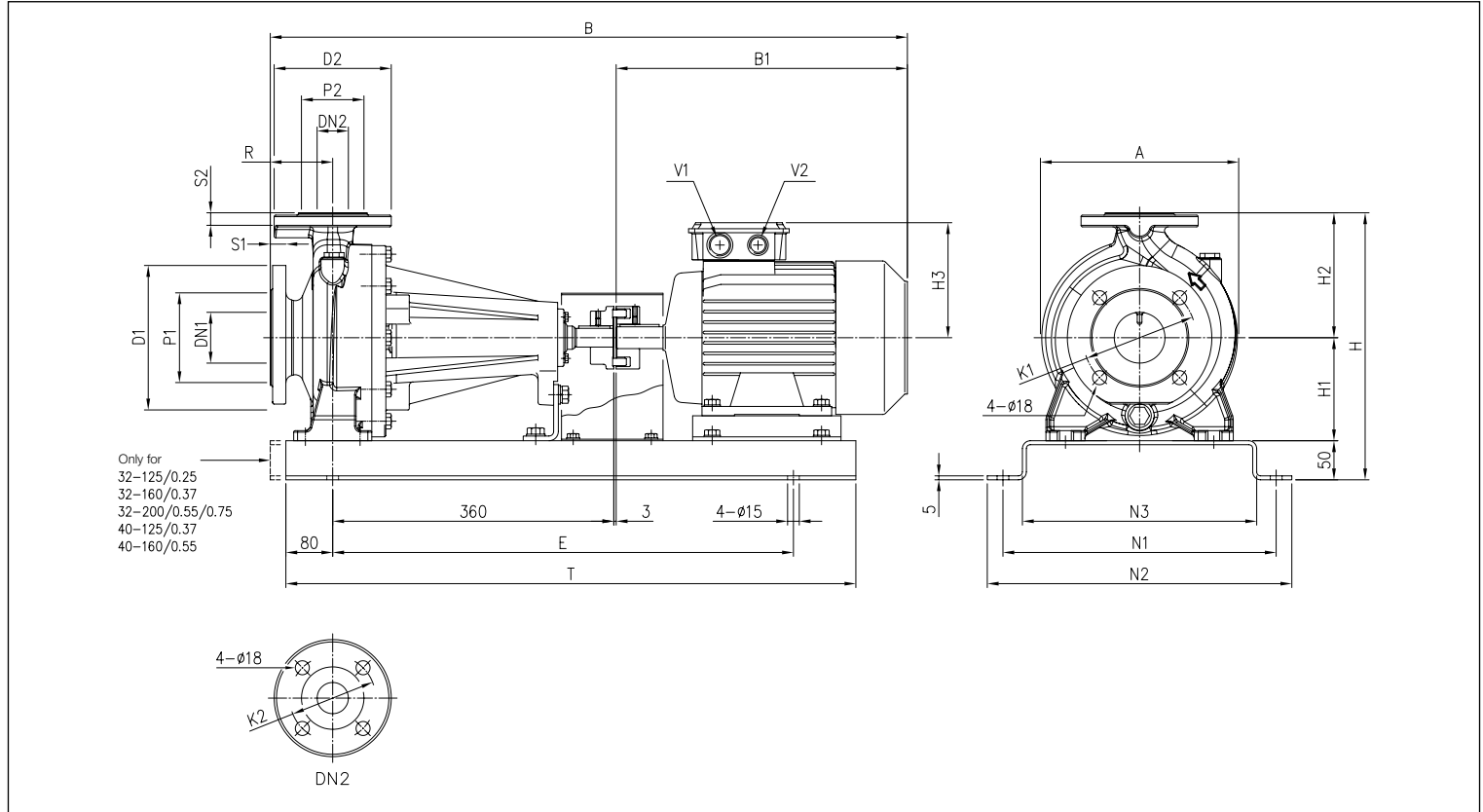


DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | H1 | H2 | W | M | A | N1 | N2 | T | Weight [kg] | |
|-------------------|-----------------|------|------|------|----|-------|------|------|------|----|-----|-----|-----|----|-----|-----|-----|-----|-------------|------|
| | DN1 Ø | P1 Ø | K1 Ø | D1 Ø | S1 | DN2 Ø | P2 Ø | K2 Ø | D2 Ø | S2 | | | | | | | | | | |
| 3DS4 50-200/2.20 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 360 | 160 | 200 | 70 | 100 | 296 | 212 | 265 | 50 | 55,9 |
| 3DS4 65-160/2.20 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 360 | 160 | 200 | 95 | 125 | 296 | 212 | 280 | 65 | 65,1 |
| 3DS4 65-200/2.20R | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 405 | 180 | 225 | 95 | 125 | 312 | 250 | 320 | 65 | 59,0 |
| 3DS4 65-200/2.20 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 405 | 180 | 225 | 95 | 125 | 312 | 250 | 320 | 65 | 59,5 |
| 3DS4 65-200/3.00 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 405 | 180 | 225 | 95 | 125 | 312 | 250 | 320 | 65 | 65,0 |

DIMENSIONS 3DP4 32, 65 SERIES

4 Poles

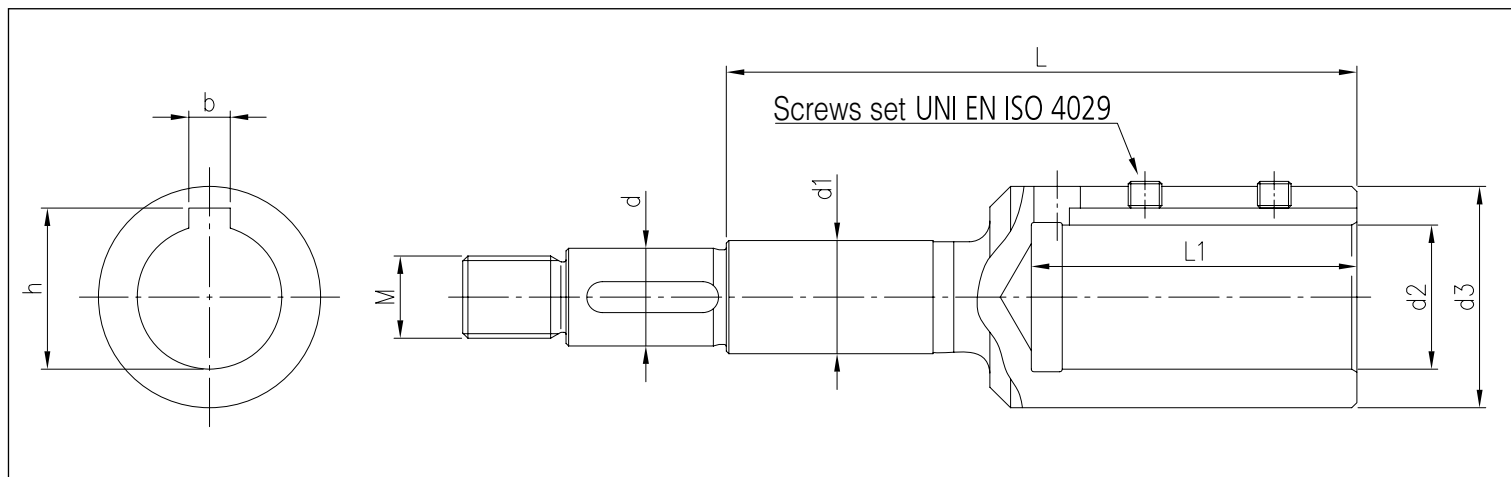


DIMENSIONAL TABLE

| Model | Dimensions [mm] | | | | | | | | | | | | | | | | | | | | V2 | V2 | Weight [kg] | | | |
|-------------------|-----------------|---------|---------|---------|----|----------|---------|---------|---------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|---------|---------|------|
| | DN1 Ø | P1 Ø | K1 Ø | D1 Ø | S1 | DN2 Ø | P2 Ø | K2 Ø | D2 Ø | S2 | H | H1 | H2 | H3 | R | A | B | B1 | E | N1 | | | | N2 | N3 | T |
| 3DP4 32-125/0.25 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 302 | 112 | 140 | 114 | 80 | 213 | 689 | 246 | 550 | 300 | 340 | 250 | 710 | M20x1,5 | M16x1,5 | 45,9 |
| 3DP4 32-160/0.37R | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 342 | 132 | 160 | 114 | 80 | 254 | 689 | 246 | 510 | 350 | 390 | 300 | 670 | M20x1,5 | M16x1,5 | 52,4 |
| 3DP4 32-160/0.37 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 342 | 132 | 160 | 114 | 80 | 254 | 689 | 246 | 510 | 350 | 390 | 300 | 670 | M20x1,5 | M16x1,5 | 52,4 |
| 3DP4 32-200/0.55R | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 390 | 160 | 180 | 139 | 80 | 296 | 715 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 64,9 |
| 3DP4 32-200/0.55 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 390 | 160 | 180 | 139 | 80 | 296 | 715 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 64,9 |
| 3DP4 32-200/0.75 | 50 | 102 | 125 | 165 | 20 | 32 | 78 | 100 | 140 | 18 | 390 | 160 | 180 | 139 | 80 | 296 | 715 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 65,9 |
| 3DP4 40-125/0.37R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 302 | 112 | 140 | 114 | 80 | 220 | 689 | 246 | 550 | 300 | 340 | 250 | 710 | M20x1,5 | M16x1,5 | 55,6 |
| 3DP4 40-125/0.37 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 302 | 112 | 140 | 114 | 80 | 220 | 689 | 246 | 550 | 300 | 340 | 250 | 710 | M20x1,5 | M16x1,5 | 55,6 |
| 3DP4 40-160/0.55R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 342 | 132 | 160 | 139 | 80 | 254 | 715 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 56,6 |
| 3DP4 40-160/0.55 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 342 | 132 | 160 | 139 | 80 | 254 | 715 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 56,6 |
| 3DP4 40-200/1.1R | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 390 | 160 | 180 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 74,2 |
| 3DP4 40-200/1.1 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 390 | 160 | 180 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 74,2 |
| 3DP4 40-200/1.5 | 65 | 122 | 145 | 185 | 20 | 40 | 88 | 110 | 150 | 18 | 390 | 160 | 180 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 76,7 |
| 3DP4 50-125/0.55R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 342 | 132 | 160 | 139 | 100 | 254 | 735 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 57,3 |
| 3DP4 50-125/0.55 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 342 | 132 | 160 | 139 | 100 | 254 | 735 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 57,3 |
| 3DP4 50-160/1.1R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 390 | 160 | 180 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 66,1 |
| 3DP4 50-160/1.1 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 390 | 160 | 180 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 66,1 |
| 3DP4 50-200/1.5R | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 410 | 160 | 200 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 76,9 |
| 3DP4 50-200/1.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 410 | 160 | 200 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 76,9 |
| 3DP4 50-200/1.5 | 65 | 122 | 145 | 185 | 20 | 50 | 102 | 125 | 165 | 20 | 410 | 160 | 200 | 155 | 100 | 296 | 829 | 366 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 82,9 |
| 3DP4 65-125/0.55 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 390 | 160 | 180 | 139 | 100 | 263 | 735 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 63,8 |
| 3DP4 65-125/0.75 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 390 | 160 | 180 | 139 | 100 | 263 | 735 | 272 | 510 | 350 | 390 | 300 | 670 | M25x1,5 | M20x1,5 | 63,8 |
| 3DP4 65-125/1.1 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 390 | 160 | 180 | 148 | 100 | 263 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 71,3 |
| 3DP4 65-160/1.1 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 410 | 160 | 200 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 78,6 |
| 3DP4 65-160/1.5 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 410 | 160 | 200 | 148 | 100 | 296 | 780 | 317 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 79,6 |
| 3DP4 65-160/2.2 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 410 | 160 | 200 | 155 | 100 | 296 | 829 | 366 | 590 | 350 | 390 | 300 | 750 | M25x1,5 | M20x1,5 | 87,6 |
| 3DP4 65-200/2.2R | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 455 | 180 | 225 | 155 | 100 | 296 | 829 | 366 | 590 | 380 | 420 | 330 | 750 | M25x1,5 | M20x1,5 | 90,5 |
| 3DP4 65-200/2.2 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 455 | 180 | 225 | 155 | 100 | 296 | 829 | 366 | 590 | 380 | 420 | 330 | 750 | M25x1,5 | M20x1,5 | 90,5 |
| 3DP4 65-200/3 | 80 | 138 | 160 | 200 | 22 | 65 | 122 | 145 | 185 | 20 | 455 | 180 | 225 | 155 | 100 | 296 | 829 | 366 | 590 | 380 | 420 | 330 | 750 | M25x1,5 | M20x1,5 | 94,0 |

Joint for 3DS4 SERIES

4 Poles



DIMENSIONAL TABLE

| Model | [HP] | [kW] | Grand. motor | Dimensions [mm] | | | | | | | | | |
|-------------------|------|------|-----------------|-----------------|----|----|----|---------|-----|----|---|------|----------|
| | | | | d | d1 | d2 | d3 | M | L | L1 | b | h | Set viti |
| 3DS4 32-125/0.25 | 0,33 | 0,25 | 71 | 19 | 22 | 14 | 28 | M16x1,5 | 88 | 33 | 5 | 16,3 | M5x6 |
| 3DS4 32-160/0.37R | 0,5 | 0,37 | 71 | 19 | 22 | 14 | 28 | M16x1,5 | 88 | 33 | 5 | 16,3 | M5x6 |
| 3DS4 32-160/0.37 | 0,5 | 0,37 | 71 | 19 | 22 | 14 | 28 | M16x1,5 | 88 | 33 | 5 | 16,3 | M5x6 |
| 3DS4 32-200/0.55R | 0,75 | 0,55 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 32-200/0.55 | 0,75 | 0,55 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 32-200/0.75 | 1 | 0,75 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 40-125/0.37R | 0,5 | 0,37 | 71 | 19 | 22 | 14 | 28 | M16x1,5 | 88 | 33 | 5 | 16,3 | M5x6 |
| 3DS4 40-125/0.37 | 0,5 | 0,37 | 71 | 19 | 22 | 14 | 28 | M16x1,5 | 88 | 33 | 5 | 16,3 | M5x6 |
| 3DS4 40-160/0.55R | 0,75 | 0,55 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 40-160/0.55 | 0,75 | 0,55 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 40-200/1.1R | 1,5 | 1,1 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 40-200/1.1 | 1,5 | 1,1 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 40-200/1.5 | 2 | 1,5 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 50-125/0.55R | 0,75 | 0,55 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 50-125/0.55 | 0,75 | 0,55 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 50-160/1.1R | 1,5 | 1,1 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 50-160/1.1 | 1,5 | 1,1 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 50-200/1.5R | 2 | 1,5 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 50-200/1.5 | 2 | 1,5 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 50-200/2.2 | 3 | 2,2 | 100 | 22 | 22 | 28 | 43 | M18x1,5 | 153 | 63 | 8 | 31,3 | M8x8 |
| 3DS4 65-125/0.55 | 0,75 | 0,55 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 65-125/0.75 | 1 | 0,75 | 80 | 19 | 22 | 19 | 33 | M16x1,5 | 98 | 43 | 6 | 21,8 | M6x6 |
| 3DS4 65-125/1.1 | 1,5 | 1,1 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 65-160/1.1 | 1,5 | 1,1 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 65-160/1.5 | 2 | 1,5 | 90 | 19 | 22 | 24 | 39 | M16x1,5 | 110 | 53 | 8 | 27,3 | M8x8 |
| 3DS4 65-160/2.2 | 3 | 2,2 | 100 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS4 65-200/2.2R | 3 | 2,2 | 100 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS4 65-200/2.2 | 3 | 2,2 | 100 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |
| 3DS4 65-200/3 | 4 | 3 | 100 | 19 | 22 | 28 | 43 | M16x1,5 | 122 | 63 | 8 | 31,3 | M8x8 |

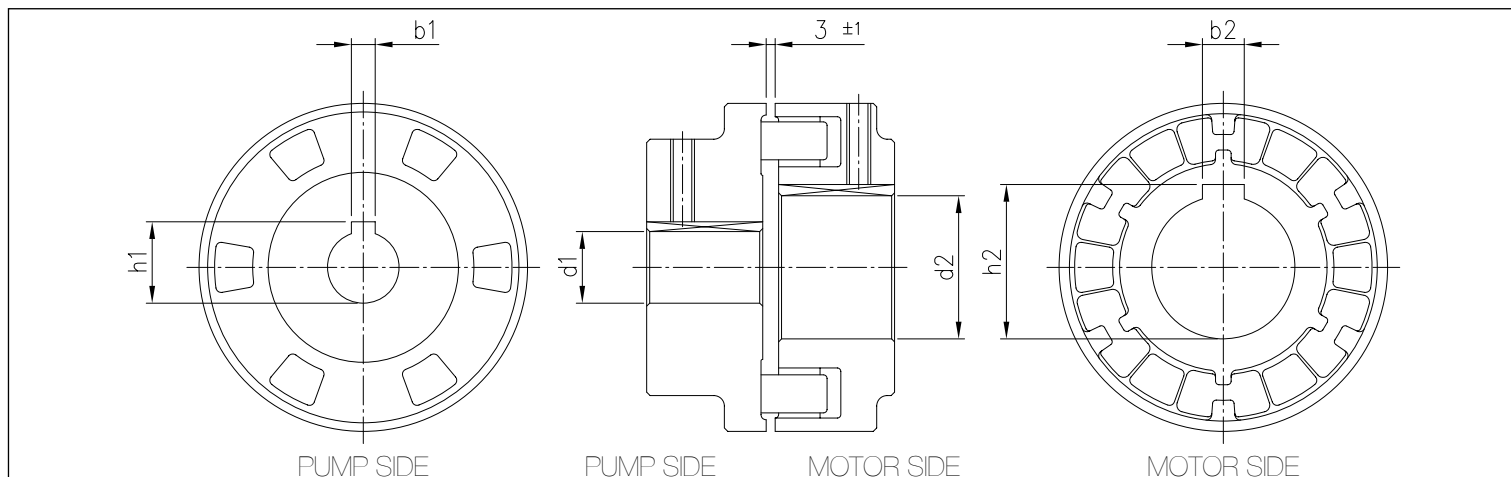
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3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

JOINT FOR 3DP4 SERIES

4 Poles

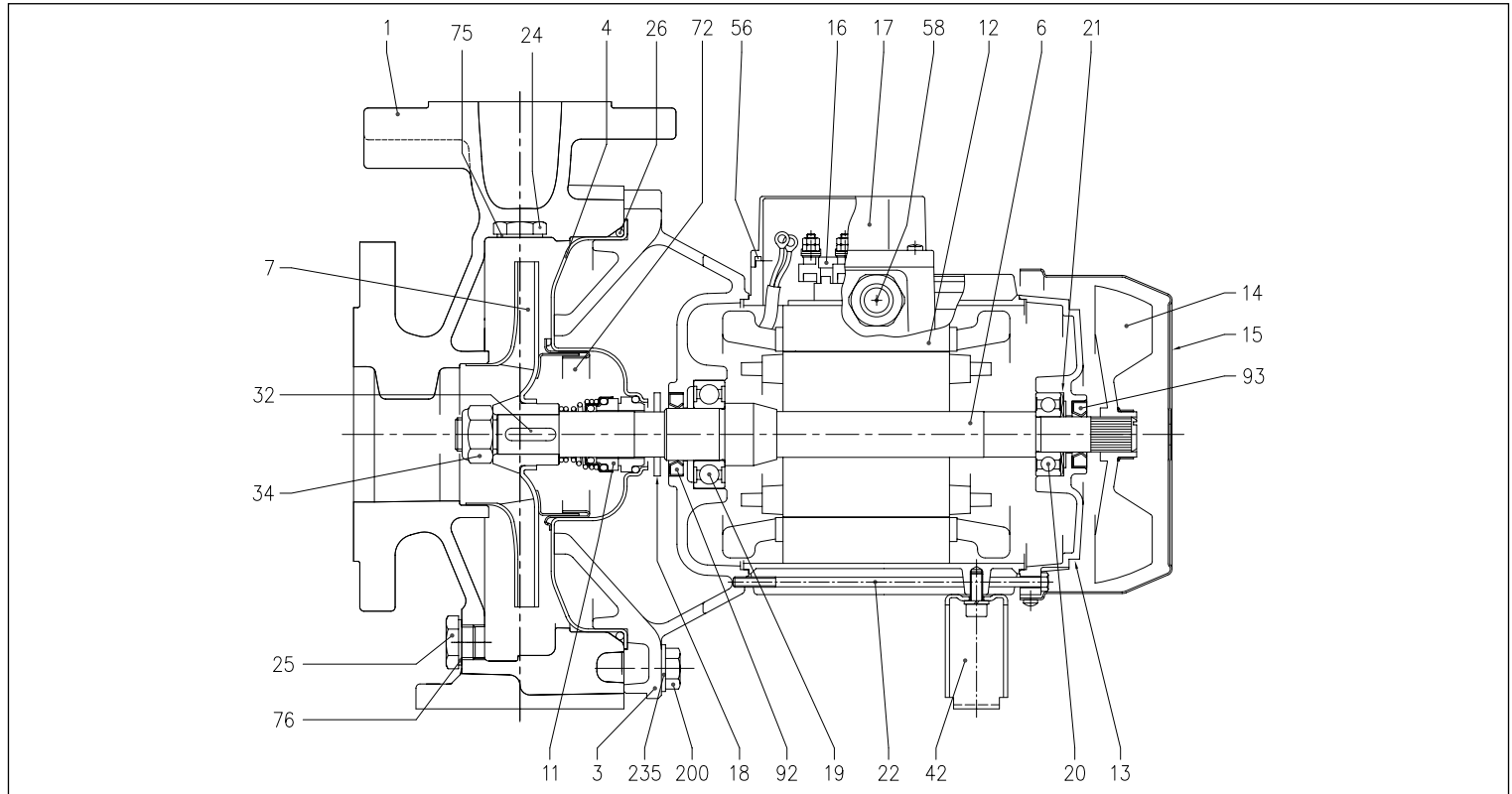


DIMENSIONAL TABLE

| Model | [HP] | [kW] | Grand. motor | Dimensions [mm] | | | | | |
|-------------------|------|------|-----------------|-----------------|----|------|----|----|------|
| | | | | d1 | b1 | h1 | d2 | b2 | h2 |
| 3DP4 32-125/0.25 | 0,33 | 0,25 | 71 | 24 | 8 | 27,3 | 14 | 5 | 16,3 |
| 3DP4 32-160/0.37R | 0,50 | 0,37 | 71 | 24 | 8 | 27,3 | 14 | 5 | 16,3 |
| 3DP4 32-160/0.37 | 0,50 | 0,37 | 71 | 24 | 8 | 27,3 | 14 | 5 | 16,3 |
| 3DP4 32-200/0.55R | 0,75 | 0,55 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 32-200/0.55 | 0,75 | 0,55 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 32-200/0.75 | 1,00 | 0,75 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 40-125/0.37R | 0,50 | 0,37 | 71 | 24 | 8 | 27,3 | 14 | 5 | 16,3 |
| 3DP4 40-125/0.37 | 0,50 | 0,37 | 71 | 24 | 8 | 27,3 | 14 | 5 | 16,3 |
| 3DP4 40-160/0.55R | 0,75 | 0,55 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 40-160/0.55 | 0,75 | 0,55 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 40-200/1.10R | 1,50 | 1,10 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 40-200/1.10 | 1,50 | 1,10 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 40-200/1.50 | 2,00 | 1,50 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 50-125/0.55R | 0,75 | 0,55 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 50-125/0.55 | 0,75 | 0,55 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 50-160/1.10R | 1,50 | 1,10 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 50-160/1.10 | 1,50 | 1,10 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 50-200/1.50R | 2,00 | 1,50 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 50-200/1.50 | 2,00 | 1,50 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 50-200/2.20 | 3,00 | 2,20 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP4 65-125/0.55 | 0,75 | 0,55 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 65-125/0.75 | 1,00 | 0,75 | 80 | 24 | 8 | 27,3 | 19 | 6 | 21,8 |
| 3DP4 65-125/1.10 | 1,50 | 1,10 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 65-160/1.10 | 1,50 | 1,10 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 65-160/1.50 | 2,00 | 1,50 | 90 | 24 | 8 | 27,3 | 24 | 8 | 27,3 |
| 3DP4 65-160/2.20 | 3,00 | 2,20 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP4 65-200/2.20R | 3,00 | 2,20 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP4 65-200/2.20 | 3,00 | 2,20 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |
| 3DP4 65-200/3.00 | 4,00 | 3,00 | 100 | 24 | 8 | 27,3 | 28 | 8 | 31,3 |

SECTIONAL VIEW 3D4 SERIES

4 Poles



MATERIALS TABLE

| Rif. | Name | Material | Rif. | Name | Material |
|------|--|--|------|---------------------|--------------------------------------|
| 001 | Pump body | Cast iron EN-GJL-250-EN 1561[1] | 022 | Tie rod | Fe 42 Galvanised |
| 003 | Motor support | [1] | 024 | Filler plug | Brass |
| 004 | Seal housing disc | EN 1.4301 (AISI 304) | 025 | Discharge plug | Brass |
| 006 | Shaft (part coming into contact with liquid) | EN 1.4301 (AISI 304) | 026 | O-ring | NBR [3] |
| 007 | Impeller | [2] | 032 | Key | EN 1.4401 (AISI 316) |
| 011 | Mechanical seal | Ceramic/Carbon/NBR | 034 | Impeller nut | EN 1.4301 (AISI 304) |
| 012 | Motor casing | - | 042 | Foot | Aluminium / Galvanised steel |
| 013 | Motor cover | Aluminium | 056 | Terminal block seal | NBR |
| 014 | Fan | PA | 058 | Cable gland | - |
| 015 | Fan cover | Fe P04 Galvanised | 072 | Wear ring [4] | EN 1.4301 (AISI 304) |
| 016 | Terminal block | - | 075 | Washer | Aluminium |
| 017 | Terminal block cover | Aluminium (for three-phase version only) | 076 | Washer | Aluminium |
| 018 | Splash guard washer | NBR | 092 | Sealing ring | - |
| 019 | Bearing (pump side) | - | 093 | Sealing ring | - |
| 020 | Bearing (motor side) | - | 200 | Screw | Galvanised steel 8.8 class ISO 898-1 |
| 021 | Adjusting ring | Steel C70 | 235 | Washer | Galvanised steel |

[1]= Aluminium AL-EN-1706-AC-46000-D for SERIES 3D4 50-200/2.2, 65-125/0.75 and 1.1, 65-160/2.2, 65-200/2.2 and 3 kW; cast iron EN-GJL-200-EN 1561 for the remaining models of the range

[2]= EN 1.4301 (AISI 304) for SERIES 3D4 32, 40, 50; EN 1.4401 (AISI 316) for SERIES 3D4 65

[3]= FPM for versions H, HS, HW, HSW; EPDM for version E

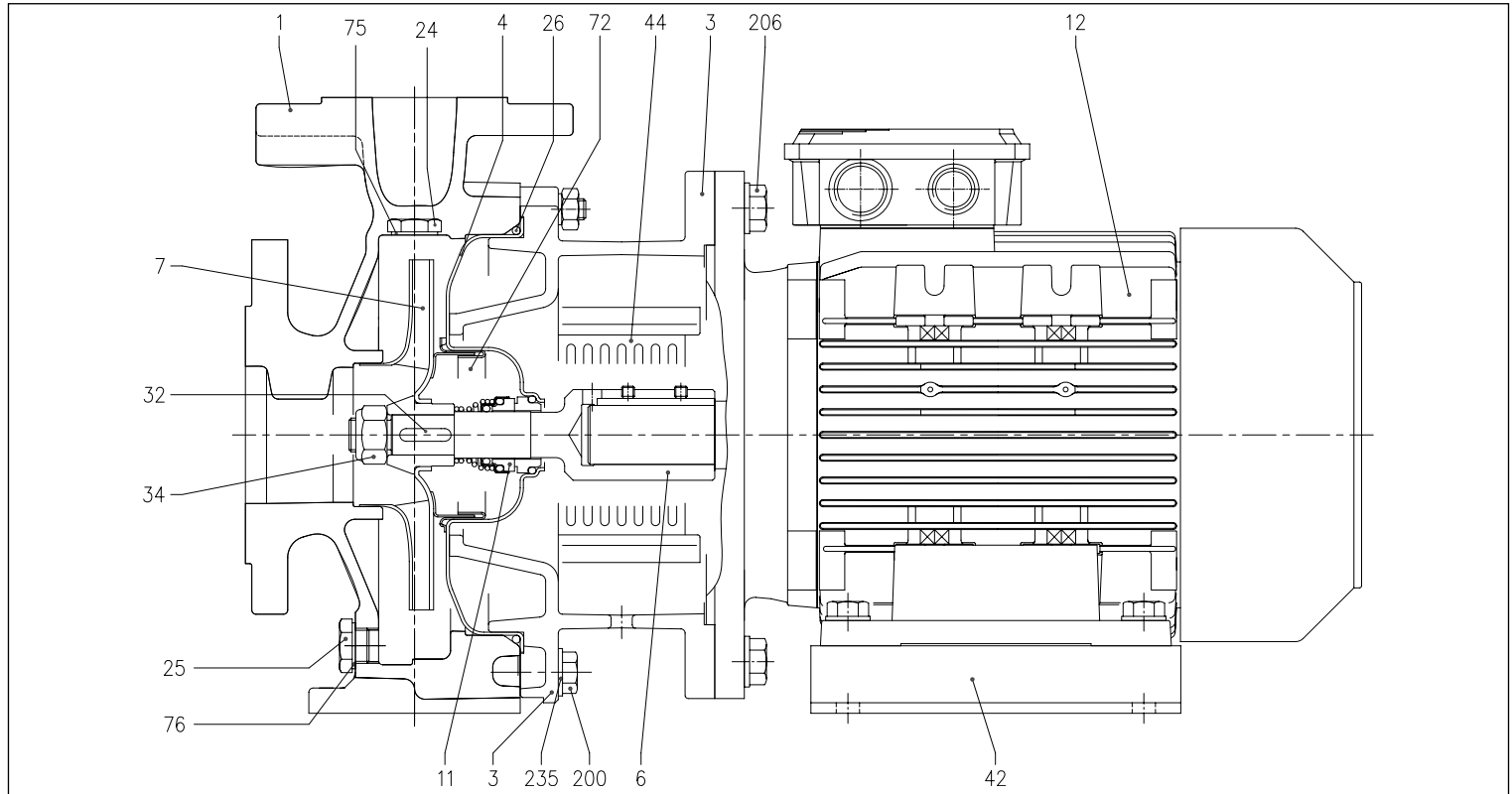
[4]= Only for SERIES 3D4 32-200, 40-200, 50-160, 50-200

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

SECTIONAL VIEW 3DS4 SERIES

4 Poles



MATERIALS TABLE

| Rif. | Name | Material |
|------|--|--------------------------------------|
| 001 | Pump body | Cast iron EN-GJL-250-EN 1561 |
| 003 | Motor support | Cast iron EN-GJL-250-EN 1561 |
| 004 | Seal housing disc | EN 1.4301 (AISI 304) |
| 006 | Joint (part coming into contact with liquid) | EN 1.4301 (AISI 304) |
| 007 | Impeller | [1] |
| 011 | Mechanical seal | Ceramic/Carbon/NBR |
| 012 | Motor | - |
| 024 | Filler plug | Brass |
| 025 | Discharge plug | Brass |
| 026 | O-ring | NBR [2] |
| 032 | Key | EN 1.4401 (AISI 316) |
| 034 | Impeller nut | EN 1.4301 (AISI 304) |
| 042 | Foot | Galvanised steel |
| 044 | Support protection | EN 1.4301 (AISI 304) |
| 072 | Wear ring [3] | EN 1.4301 (AISI 304) |
| 075 | Washer | Aluminium |
| 076 | Washer | Aluminium |
| 200 | Screw | Galvanised steel 8.8 class ISO 898-1 |
| 206 | Screw (support) | Galvanised steel 8.8 class ISO 898-1 |
| 235 | Washer | Galvanised steel |

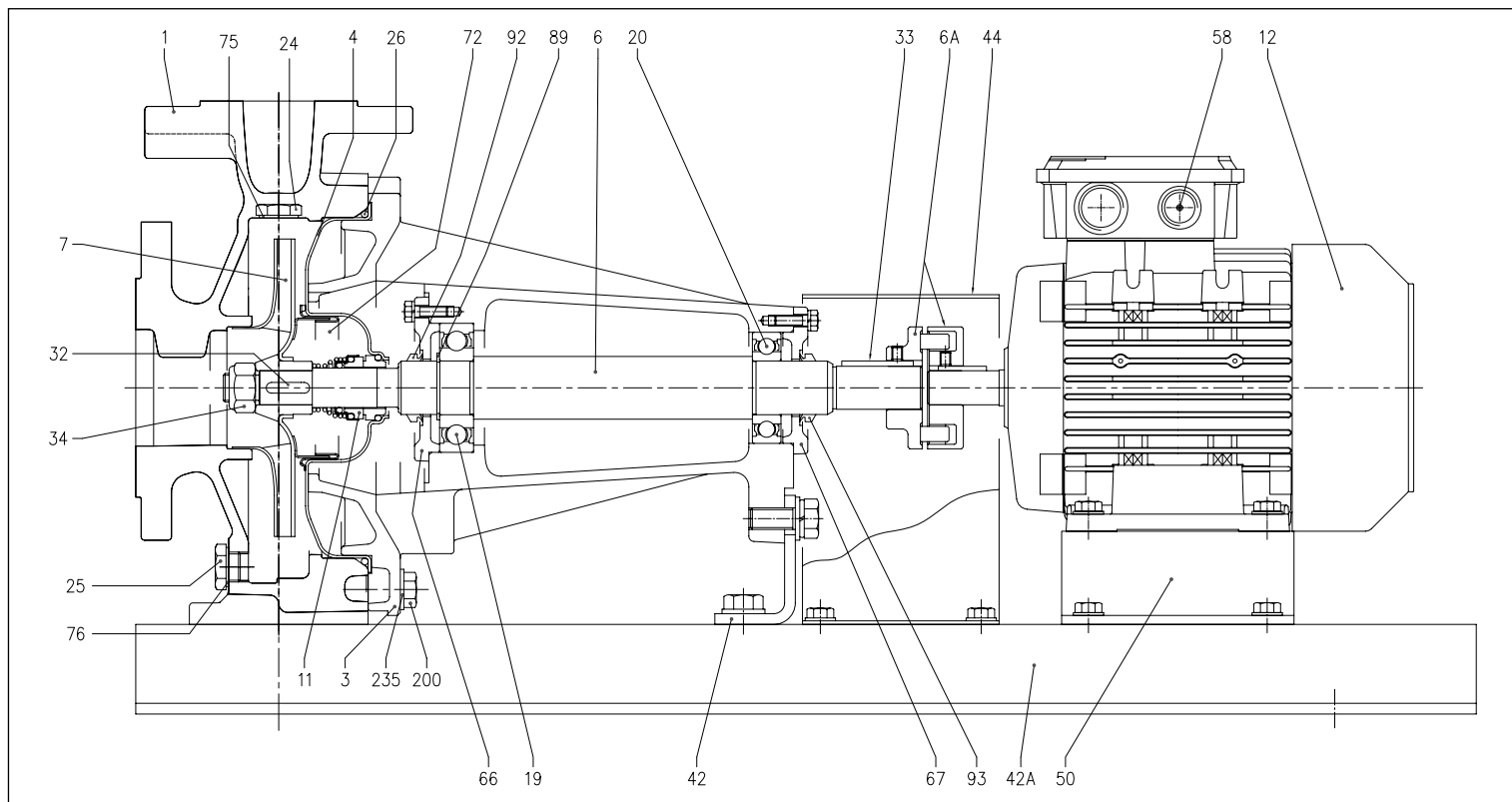
[1]= EN 1.4301 (AISI 304) for models SERIES 3DS4 32, 40, 50; EN 1.4401 (AISI 316) for SERIE 3DS4 65

[2]= FPM for versioni H, HS, HW, HSW; EPDM for version E

[3]= Only for SERIES 3DS4 32-200, 40-200, 50-160, 50-200

SECTIONAL VIEW 3DP4 SERIES

4 Poles



MATERIALS TABLE

| Rif. | Name | Material | Rif. | Name | Material |
|------|-------------------|------------------------------|------|---------------|--------------------------------------|
| 001 | Pump body | Cast iron EN-GJL-250-EN 1561 | 034 | Impeller nut | EN 1.4301 (AISI 304) |
| 003 | Motor support | Cast iron EN-GJL-250-EN 1561 | 042 | Pump support | Fe 37 Galvanised |
| 004 | Seal housing disc | EN 1.4301 (AISI 304) | 042A | Base | Fe 37 Galvanised |
| 006 | Rotor shaft | EN 1.4301 (AISI 304) | 050 | Foot | Aluminium / Galvanised steel |
| 006A | Flexible joint | Cast iron EN-GJL-250-EN 1561 | 058 | Cable gland | - |
| 007 | Impeller | [1] | 066 | Support cover | Cast iron EN-GJL-250-EN 1561 |
| 011 | Mechanical seal | Ceramic/Carbon/NBR | 067 | Support cover | Cast iron EN-GJL-250-EN 1561 |
| 012 | Motor casing | - | 072 | Wear ring [3] | EN 1.4301 (AISI 304) |
| 019 | Bearing | - | 075 | Washer | Aluminium |
| 020 | Bearing | - | 076 | Washer | Aluminium |
| 024 | Filler plug | Brass | 089 | Seeger ring | Carbon steel TC 80 |
| 025 | Discharge plug | Brass | 092 | Sealing ring | - |
| 026 | O-ring | NBR [2] | 093 | Sealing ring | - |
| 032 | Key | EN 1.4401 (AISI 316) | 200 | Screw | Galvanised steel 8.8 class ISO 898-1 |
| 033 | Key | C40 | 235 | Washer | Galvanised steel |

[1]= EN 1.4301 (AISI 304) for models SERIES 3DP4 32, 40, 50; EN 1.4401 (AISI 316) for SERIES 3DP4 65

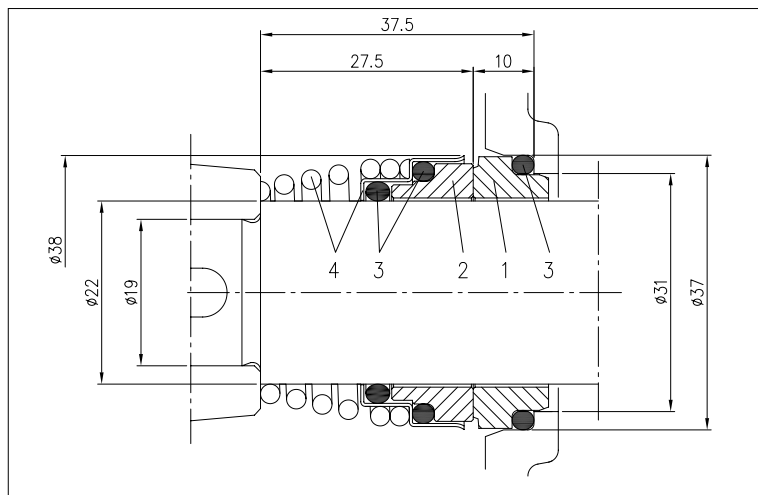
[2]= FPM for versions H, HS, HW, HSW; EPDM for version E

[3]= Only for SERIES 3DP4 32-200, 40-200, 50-160, 50-200

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

MECHANICAL SEAL standard version



MATERIALS TABLE

| Rif. | Name | Material |
|------|----------------|----------------------|
| 1 | Fixed part | Carbon |
| 2 | Rotary part | Ceramic |
| 3 | Seal | NBR |
| 4 | Frame + spring | EN 1.4401 (AISI 316) |

SPECIAL MECHANICAL SEALS (on request)

| Rif. | Name | Material | | | | |
|------|----------------|----------------------|------------------------|----------------------|----------------------|----------------------|
| | | Version H | Version HS | Version HW | Version HSW | Version E |
| 1 | Fixed part | Carbon | SiC | Tungsten carbide | Tungsten carbide | Carbon |
| 2 | Rotary part | Ceramic | SiC | Tungsten carbide | SiC | Ceramic |
| 3 | Seal | FPM | FPM | FPM | FPM | EPDM |
| 4 | Frame + spring | EN 1.4401 (AISI 316) | EN 1.4571 (AISI 316Ti) | EN 1.4401 (AISI 316) | EN 1.4401 (AISI 316) | EN 1.4401 (AISI 316) |

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

ELECTRIC DATA TABLE 3D4 SERIES

4 Poles

| Model Three-phase 230/400V | P ₁ | | Efficiency | Efficiency(%) Three-phase | | | P ₁ [kW] | Absorbed Current [A] Three-phase | |
|----------------------------------|----------------|------|------------|------------------------------|------------|------|------------------------|--|------|
| | [HP] | [kW] | | 50% | η % 75% | 100% | | 230V | 400V |
| 3D4 32-125/0.25 | 0,33 | 0,25 | - | - | - | - | 0,55 | 1,9 | 1,1 |
| 3D4 32-160/0.37R | 0,5 | 0,37 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 32-160/0.37 | 0,5 | 0,37 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 32-200/0.55R | 0,75 | 0,55 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 32-200/0.55 | 0,75 | 0,55 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 32-200/0.75 | 1 | 0,75 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 40-125/0.37R | 0,5 | 0,37 | - | - | - | - | 0,55 | 1,9 | 1,1 |
| 3D4 40-125/0.37 | 0,5 | 0,37 | - | - | - | - | 0,55 | 1,9 | 1,1 |
| 3D4 40-160/0.55R | 0,75 | 0,55 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 40-160/0.55 | 0,75 | 0,55 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 40-200/1.1R | 1,5 | 1,1 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 40-200/1.1 | 1,5 | 1,1 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 40-200/1.5 | 2 | 1,5 | IE2 | 80,3 | 83,4 | 83,8 | 1,88 | 6,2 | 3,6 |
| 3D4 50-125/0.55R | 0,75 | 0,55 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 50-125/0.55 | 0,75 | 0,55 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 50-160/1.1R | 1,5 | 1,1 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 50-160/1.1 | 1,5 | 1,1 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 50-200/1.5R | 2 | 1,5 | IE2 | 80,3 | 83,4 | 83,8 | 1,88 | 6,2 | 3,6 |
| 3D4 50-200/1.5 | 2 | 1,5 | IE2 | 80,3 | 83,4 | 83,8 | 1,88 | 6,2 | 3,6 |
| 3D4 50-200/2.2 | 3 | 2,2 | IE2 | 84,6 | 86,0 | 85,6 | 2,70 | 8,1 | 4,7 |
| 3D4 65-125/0.55 | 0,75 | 0,55 | - | - | - | - | 0,80 | 2,6 | 1,5 |
| 3D4 65-125/0.75 | 1 | 0,75 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 65-125/1.1 | 1,5 | 1,1 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 65-160/1.1 | 1,5 | 1,1 | IE2 | 78,4 | 81,6 | 81,9 | 1,41 | 4,6 | 2,7 |
| 3D4 65-160/1.5 | 2 | 1,5 | IE2 | 80,3 | 83,4 | 83,8 | 1,88 | 6,2 | 3,6 |
| 3D4 65-160/2.2 | 3 | 2,2 | IE2 | 84,6 | 86,0 | 85,6 | 2,70 | 8,1 | 4,7 |
| 3D4 65-200/2.2R | 3 | 2,2 | IE2 | 84,6 | 86,0 | 85,6 | 2,70 | 8,1 | 4,7 |
| 3D4 65-200/2.2 | 3 | 2,2 | IE2 | 84,6 | 86,0 | 85,6 | 2,70 | 8,1 | 4,7 |
| 3D4 65-200/3 | 4 | 3 | IE2 | 81,6 | 86,1 | 89,0 | 3,54 | 11,8 | 6,8 |

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

ELECTRIC DATA TABLE 3DS - 3DP SERIES

4 Poles

| Model | 3DS4 SERIES Three-phase 230/400V | 3DP4 SERIES Three-phase 230/400V | P ₂ | | Efficiency | Efficiency(%) Three-phase | | | P ₁ [kW] | Absorbed Current [A] Three-phase | |
|-------------------|--|--|----------------|------|------------|------------------------------|------------|------|------------------------|--|------|
| | | | [HP] | [kW] | | 50% | η % 75% | 100% | | 230V | 400V |
| | | | | | | | | | | | |
| 3DS4 32-125/0.25 | 3DP4 32-125/0.25 | 0,33 | 0,25 | - | 55,0 | 59,0 | 64,0 | 0,41 | 1,6 | 0,9 | |
| 3DS4 32-160/0.37R | 3DP4 32-160/0.37R | 0,5 | 0,37 | - | 60,0 | 63,0 | 67,0 | 0,56 | 2,1 | 1,2 | |
| 3DS4 32-160/0.37 | 3DP4 32-160/0.37 | 0,5 | 0,37 | - | 60,0 | 63,0 | 67,0 | 0,56 | 2,1 | 1,2 | |
| 3DS4 32-200/0.55R | 3DP4 32-200/0.55R | 0,75 | 0,55 | - | 67,0 | 69,0 | 70,0 | 0,80 | 2,8 | 1,6 | |
| 3DS4 32-200/0.55 | 3DP4 32-200/0.55 | 0,75 | 0,55 | - | 67,0 | 69,0 | 70,0 | 0,80 | 2,8 | 1,6 | |
| 3DS4 32-200/0.75 | 3DP4 32-200/0.75 | 1 | 0,75 | IE2 | 79,2 | 80,3 | 80,2 | 0,95 | 3,1 | 1,8 | |
| 3DS4 40-125/0.37R | 3DP4 40-125/0.37R | 0,5 | 0,37 | - | 60,0 | 63,0 | 67,0 | 0,56 | 2,1 | 1,2 | |
| 3DS4 40-125/0.37 | 3DP4 40-125/0.37 | 0,5 | 0,37 | - | 60,0 | 63,0 | 67,0 | 0,56 | 2,1 | 1,2 | |
| 3DS4 40-160/0.55R | 3DP4 40-160/0.55R | 0,75 | 0,55 | - | 67,0 | 69,0 | 70,0 | 0,80 | 2,8 | 1,6 | |
| 3DS4 40-160/0.55 | 3DP4 40-160/0.55 | 0,75 | 0,55 | - | 67,0 | 69,0 | 70,0 | 0,80 | 2,8 | 1,6 | |
| 3DS4 40-200/1.1R | 3DP4 40-200/1.1R | 1,5 | 1,1 | IE2 | 81,4 | 82,7 | 82,5 | 1,33 | 4,3 | 2,5 | |
| 3DS4 40-200/1.1 | 3DP4 40-200/1.1 | 1,5 | 1,1 | IE2 | 81,4 | 82,7 | 82,5 | 1,33 | 4,3 | 2,5 | |
| 3DS4 40-200/1.5 | 3DP4 40-200/1.5 | 2 | 1,5 | IE2 | 82,0 | 83,5 | 83,0 | 1,81 | 5,9 | 3,4 | |
| 3DS4 50-125/0.55R | 3DP4 50-125/0.55R | 0,75 | 0,55 | - | 67,0 | 69,0 | 70,0 | 0,80 | 2,8 | 1,6 | |
| 3DS4 50-125/0.55 | 3DP4 50-125/0.55 | 0,75 | 0,55 | - | 67,0 | 69,0 | 70,0 | 0,80 | 2,8 | 1,6 | |
| 3DS4 50-160/1.1R | 3DP4 50-160/1.1R | 1,5 | 1,1 | IE2 | 81,4 | 82,7 | 82,5 | 1,33 | 4,3 | 2,5 | |
| 3DS4 50-160/1.1 | 3DP4 50-160/1.1 | 1,5 | 1,1 | IE2 | 81,4 | 82,7 | 82,5 | 1,33 | 4,3 | 2,5 | |
| 3DS4 50-200/1.5R | 3DP4 50-200/1.5R | 2 | 1,5 | IE2 | 82,0 | 83,5 | 83,0 | 1,81 | 5,9 | 3,4 | |
| 3DS4 50-200/1.5 | 3DP4 50-200/1.5 | 2 | 1,5 | IE2 | 82,0 | 83,5 | 83,0 | 1,81 | 5,9 | 3,4 | |
| 3DS4 50-200/2.2 | 3DP4 50-200/2.2 | 3 | 2,20 | IE2 | 84,0 | 85,3 | 85,1 | 2,61 | 8,8 | 5,1 | |
| 3DS4 65-125/0.55 | 3DP4 65-125/0.55 | 0,75 | 0,55 | - | 67,0 | 69,0 | 70,0 | 0,80 | 2,8 | 1,6 | |
| 3DS4 65-125/0.75 | 3DP4 65-125/0.75 | 1 | 0,75 | IE2 | 79,2 | 80,3 | 80,2 | 0,95 | 3,1 | 1,8 | |
| 3DS4 65-125/1.1 | 3DP4 65-125/1.1 | 1,5 | 1,1 | IE2 | 81,4 | 82,7 | 82,5 | 1,33 | 4,3 | 2,5 | |
| 3DS4 65-160/1.1 | 3DP4 65-160/1.1 | 1,5 | 1,1 | IE2 | 81,4 | 82,7 | 82,5 | 1,33 | 4,3 | 2,5 | |
| 3DS4 65-160/1.5 | 3DP4 65-160/1.5 | 2 | 1,5 | IE2 | 82,0 | 83,5 | 83,0 | 1,81 | 5,9 | 3,4 | |
| 3DS4 65-160/2.2 | 3DP4 65-160/2.2 | 3 | 2,20 | IE2 | 84,0 | 85,3 | 85,1 | 2,61 | 8,8 | 5,1 | |
| 3DS4 65-200/2.2R | 3DP4 65-200/2.2R | 3 | 2,20 | IE2 | 84,0 | 85,3 | 85,1 | 2,61 | 8,8 | 5,1 | |
| 3DS4 65-200/2.2 | 3DP4 65-200/2.2 | 3 | 2,20 | IE2 | 84,0 | 85,3 | 85,1 | 2,61 | 8,8 | 5,1 | |
| 3DS4 65-200/3 | 3DP4 65-200/3 | 4 | 3 | IE2 | 85,3 | 86,6 | 86,4 | 3,47 | 11,3 | 6,5 | |

3D SERIES

NORMALISED AND MONOBLOCK CENTRIFUGAL ELECTROPUMPS CONFORMING TO EN 733 (EX DIN 24255)

NOISE DATA TABLE 3D4 SERIES

4 Poles

| Model 3D4 | P ₂ | | L _{PA} - dB(A)* |
|------------------|----------------|------|--------------------------|
| | [HP] | [kW] | |
| 3D4 32-125/0.25 | 0,33 | 0,25 | <70 |
| 3D4 32-160/0.37R | 0,5 | 0,37 | |
| 3D4 32-160/0.37 | 0,5 | 0,37 | |
| 3D4 32-200/0.55R | 0,75 | 0,55 | |
| 3D4 32-200/0.55 | 0,75 | 0,55 | |
| 3D4 32-200/0.75 | 1 | 0,75 | |
| 3D4 40-125/0.37R | 0,5 | 0,37 | |
| 3D4 40-125/0.37 | 0,5 | 0,37 | |
| 3D4 40-160/0.55R | 0,75 | 0,55 | |
| 3D4 40-160/0.55 | 0,75 | 0,55 | |
| 3D4 40-200/1.10R | 1,5 | 1,1 | |
| 3D4 40-200/1.10 | 1,5 | 1,1 | |
| 3D4 40-200/1.50 | 2 | 1,5 | |
| 3D4 50-125/0.55R | 0,75 | 0,55 | |
| 3D4 50-125/0.55 | 0,75 | 0,55 | |
| 3D4 50-160/1.10R | 1,5 | 1,1 | |
| 3D4 50-160/1.10 | 1,5 | 1,1 | |
| 3D4 50-200/1.50R | 2 | 1,5 | |
| 3D4 50-200/1.50 | 2 | 1,5 | |
| 3D4 50-200/2.20 | 3 | 2,20 | |
| 3D4 65-125/0.55 | 0,75 | 0,55 | |
| 3D4 65-125/0.75 | 1 | 0,75 | |
| 3D4 65-125/1.10 | 1,5 | 1,1 | |
| 3D4 65-160/1.10 | 1,5 | 1,1 | |
| 3D4 65-160/1.50 | 2 | 1,5 | |
| 3D4 65-160/2.20 | 3 | 2,20 | |
| 3D4 65-200/2.20R | 3 | 2,20 | |
| 3D4 65-200/2.20 | 3 | 2,20 | |
| 3D4 65-200/3.00 | 4 | 3 | |

* Mean value of several measures at 1m distance around the pump.
Tolerance ± 2.5 dB.

NOISE DATA TABLE 3DS4 - 3DP4 SERIES

4 Poles

| Model | | P ₂ | | L _{PA} - dB(A)* |
|-------------------|-------------------|----------------|------|--------------------------|
| 3DS4 | 3DP4 | [HP] | [kW] | |
| 3DS4 32-125/0.25 | 3DP4 32-125/0.25 | 0,33 | 0,25 | <70 |
| 3DS4 32-160/0.37R | 3DP4 32-160/0.37R | 0,5 | 0,37 | |
| 3DS4 32-160/0.37 | 3DP4 32-160/0.37 | 0,5 | 0,37 | |
| 3DS4 32-200/0.55R | 3DP4 32-200/0.55R | 0,75 | 0,55 | |
| 3DS4 32-200/0.55 | 3DP4 32-200/0.55 | 0,75 | 0,55 | |
| 3DS4 32-200/0.75 | 3DP4 32-200/0.75 | 1 | 0,75 | |
| 3DS4 40-125/0.37R | 3DP4 40-125/0.37R | 0,5 | 0,37 | |
| 3DS4 40-125/0.37 | 3DP4 40-125/0.37 | 0,5 | 0,37 | |
| 3DS4 40-160/0.55R | 3DP4 40-160/0.55R | 0,75 | 0,55 | |
| 3DS4 40-160/0.55 | 3DP4 40-160/0.55 | 0,75 | 0,55 | |
| 3DS4 40-200/1.10R | 3DP4 40-200/1.10R | 1,5 | 1,1 | |
| 3DS4 40-200/1.10 | 3DP4 40-200/1.10 | 1,5 | 1,1 | |
| 3DS4 40-200/1.50 | 3DP4 40-200/1.50 | 2 | 1,5 | |
| 3DS4 50-125/0.55R | 3DP4 50-125/0.55R | 0,75 | 0,55 | |
| 3DS4 50-125/0.55 | 3DP4 50-125/0.55 | 0,75 | 0,55 | |
| 3DS4 50-160/1.10R | 3DP4 50-160/1.10R | 1,5 | 1,1 | |
| 3DS4 50-160/1.10 | 3DP4 50-160/1.10 | 1,5 | 1,1 | |
| 3DS4 50-200/1.50R | 3DP4 50-200/1.50R | 2 | 1,5 | |
| 3DS4 50-200/1.50 | 3DP4 50-200/1.50 | 2 | 1,5 | |
| 3DS4 50-200/2.20 | 3DP4 50-200/2.20 | 3 | 2,20 | |
| 3DS4 65-125/0.55 | 3DP4 65-125/0.55 | 0,75 | 0,55 | |
| 3DS4 65-125/0.75 | 3DP4 65-125/0.75 | 1 | 0,75 | |
| 3DS4 65-125/1.10 | 3DP4 65-125/1.10 | 1,5 | 1,1 | |
| 3DS4 65-160/1.10 | 3DP4 65-160/1.10 | 1,5 | 1,1 | |
| 3DS4 65-160/1.50 | 3DP4 65-160/1.50 | 2 | 1,5 | |
| 3DS4 65-160/2.20 | 3DP4 65-160/2.20 | 3 | 2,20 | |
| 3DS4 65-200/2.20R | 3DP4 65-200/2.20R | 3 | 2,20 | |
| 3DS4 65-200/2.20 | 3DP4 65-200/2.20 | 3 | 2,20 | |
| 3DS4 65-200/3.00 | 3DP4 65-200/3.00 | 4 | 3 | |

* Mean value of several measures at 1m distance around the pump.
Tolerance ± 2.5 dB.