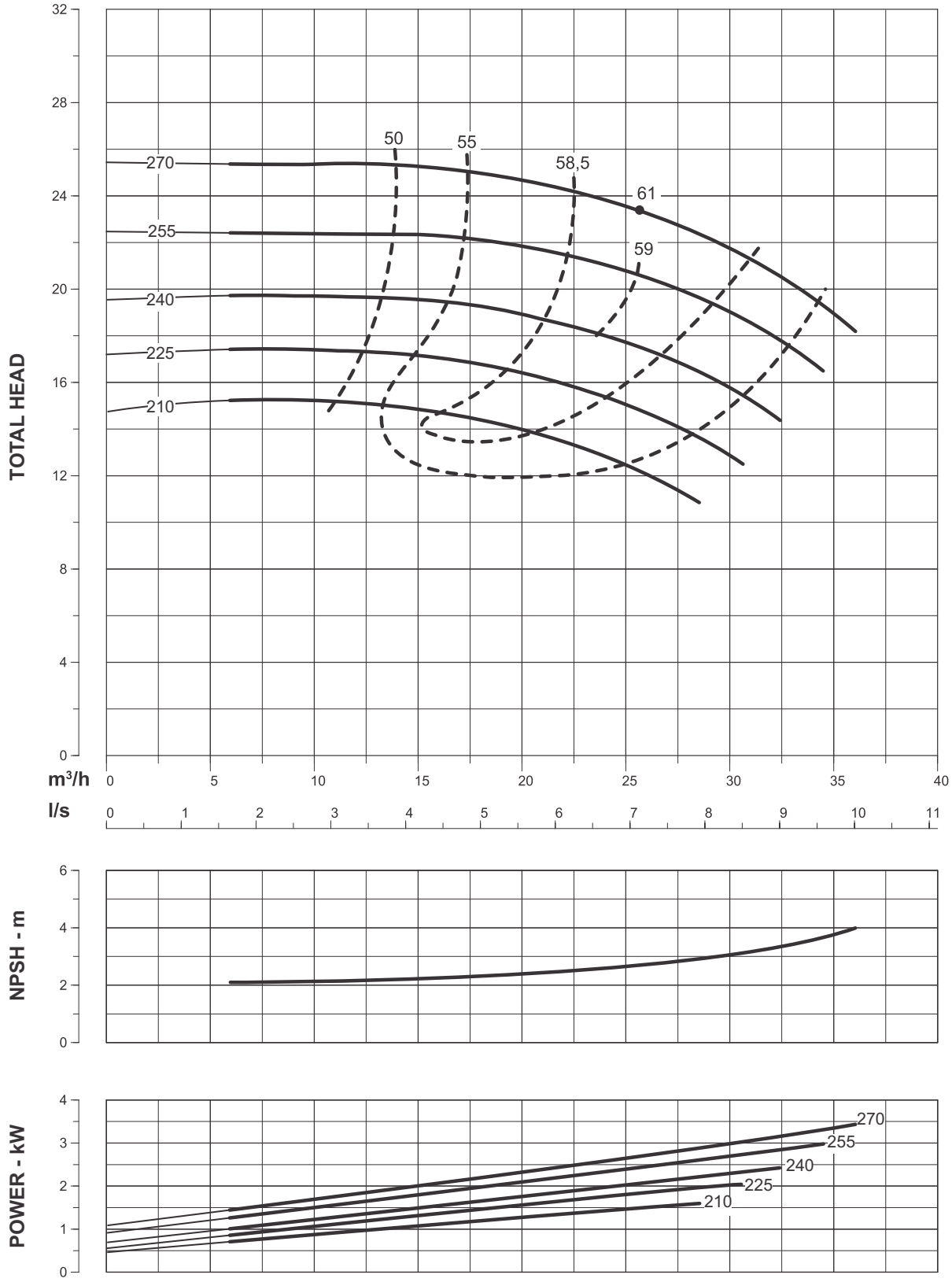
FPS Sseries

| TYPICAL PERFORMANCE CURVE |
|---|
| TESTED ACCORDING TO ISO 9906 Annex A |
| PERFORMANCE **1000 kg/m³** |
| ND SUCTION **65 mm** |
| ND DISCHARGE **40 mm** |

# 40-250
## 1450 rpm




DATE: 01/05/11

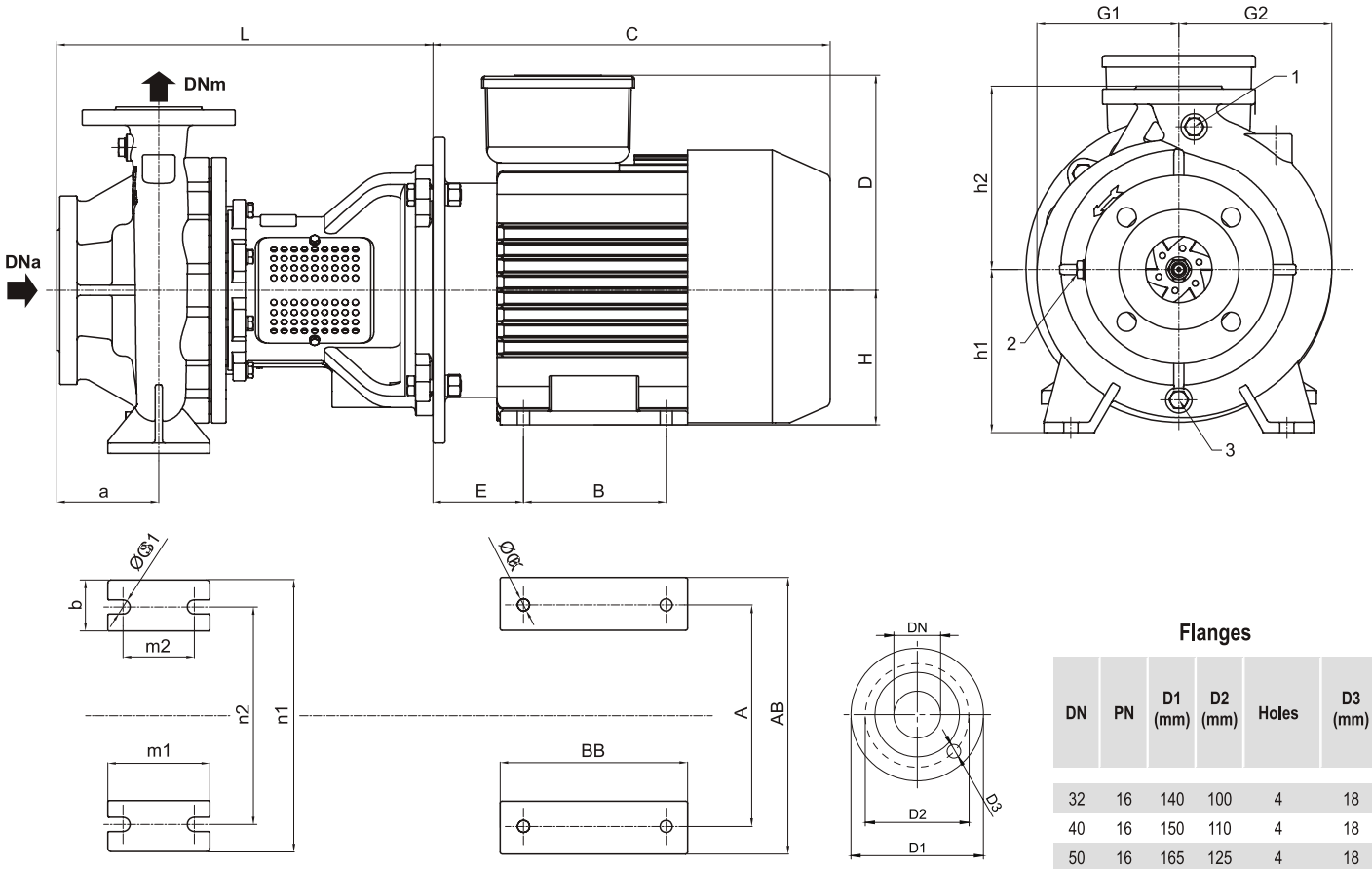
CURVE NO. SRF00105

Franklin Electric

FPS S series

DIMENSIONAL DATA

# SM 4 Pole




## Flanges

| DN | PN | D1 (mm) | D2 (mm) | Holes | D3 (mm) |
|---|---|---|---|---|---|
| 32 | 16 | 140 | 100 | 4 | 18 |
| 40 | 16 | 150 | 110 | 4 | 18 |
| 50 | 16 | 165 | 125 | 4 | 18 |
| 65 | 16 | 185 | 145 | 4 | 18 |

| Pump | DNa | DNm | Motor | | | a | b | A | AB | B | BB | E | G1 | G2 | H | D | h1 | h2 | L | C | m1 | m2 | n1 | n2 | s1 | K | Connections GAS | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | kW | HP | Size | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | Pump | Motor |
| SM 32-200 | 50 | 32 | 1,1 | 1.5 | Y90S-4 | 80 | 50 | 140 | 180 | 100 | 140 | 56 | 135 | 143 | 90 | | 160 | 180 | 310 | | 100 | 70 | 240 | 190 | 14 | 10 | 1/4" | 1/4" | 1/4" | 39 | ** |
| SM 32-200 | 50 | 32 | 1,5 | 2 | Y90L-4 | 80 | 50 | 140 | 180 | 125 | 165 | 56 | 135 | 143 | 90 | | 160 | 180 | 310 | | 100 | 70 | 240 | 190 | 14 | 10 | 1/4" | 1/4" | 1/4" | 39 | ** |
| SM 40-160 | 65 | 40 | 1,1 | 1,5 | Y90S-4 | 80 | 50 | 140 | 180 | 100 | 140 | 56 | 118 | 130 | 90 | | 132 | 160 | 310 | | 100 | 70 | 240 | 190 | 14 | 10 | 1/4" | 1/4" | 1/4" | 33 | ** |
| SM 40-200 | 65 | 40 | 1,1 | 1,5 | Y90S-4 | 100 | 50 | 140 | 180 | 100 | 140 | 56 | 140 | 150 | 90 | | 160 | 180 | 330 | | 100 | 70 | 265 | 212 | 14 | 10 | 1/4" | 1/4" | 1/4" | 41 | ** |
| SM 40-200 | 65 | 40 | 1,5 | 2 | Y90L-4 | 100 | 50 | 140 | 180 | 125 | 165 | 56 | 140 | 150 | 90 | ** | 160 | 180 | 330 | ** | 100 | 70 | 265 | 212 | 14 | 10 | 1/4" | 1/4" | 1/4" | 41 | ** |
| SM 40-200 | 65 | 40 | 2,2 | 3 | Y100LA-4 | 100 | 50 | 160 | 200 | 140 | 175 | 63 | 140 | 150 | 100 | | 160 | 180 | 340 | | 100 | 70 | 265 | 212 | 14 | 12 | 1/4" | 1/4" | 1/4" | 42 | ** |
| SM 40-250 | 65 | 40 | 1,5 | 2 | Y90L-4 | 100 | 65 | 140 | 180 | 125 | 165 | 56 | 166 | 175 | 90 | | 180 | 225 | 330 | | 125 | 95 | 320 | 250 | 14 | 10 | 1/4" | 1/4" | 1/4" | 55 | ** |
| SM 40-250 | 65 | 40 | 2,2 | 3 | Y100LA-4 | 100 | 65 | 160 | 200 | 140 | 175 | 63 | 166 | 175 | 100 | | 180 | 225 | 340 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 1/4" | 56 | ** |
| SM 40-250 | 65 | 40 | 3 | 4 | Y100LB-4 | 100 | 65 | 160 | 200 | 140 | 175 | 63 | 166 | 175 | 100 | | 180 | 225 | 340 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 1/4" | 56 | ** |