

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-250GS

IMPELLER DIA. = 3.86"

S.G.=1.0

Discharge : 1.0"/1.0"

Max TDH : 52 ft.

Max Capacity : 23.8 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 3/4HP

Motor Frame : S56C

Phase : 3

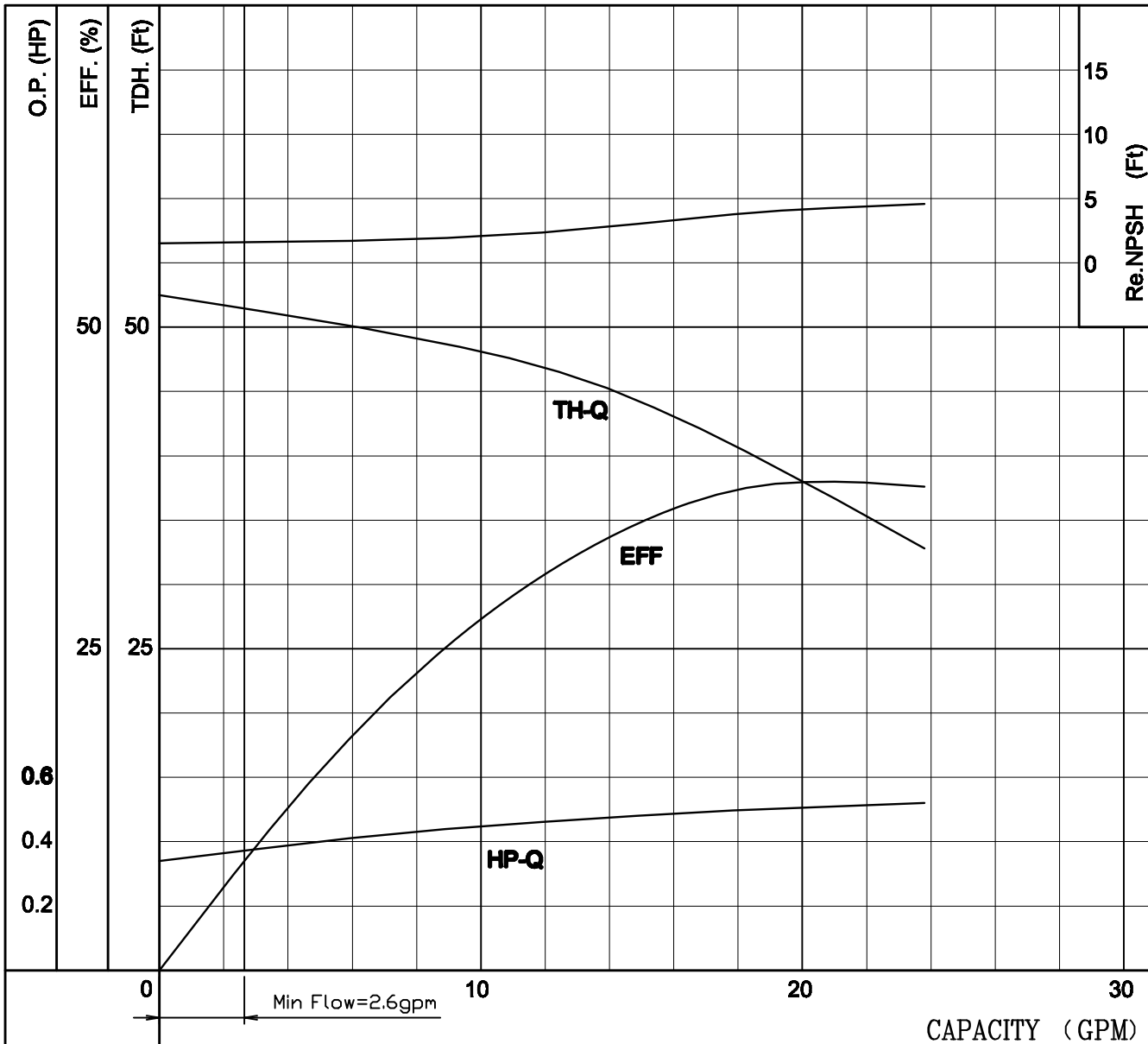
Frequency : 60Hz

Speed : 3450 rpm

QUICK REFERENCE GUIDE

*Current and voltage for this performance test are and respectively.

| No. | P u m p | | | | M o t o r | |
|-----|----------|------|-------------|------------|-----------|------|
| | Capacity | TDH | Water Power | Efficiency | Output | |
| | gpm | ft. | kW | % | kW | HP |
| 1 | 0.0 | 52.5 | 0.000 | 0.0 | 0.25 | 0.34 |
| 2 | 10.0 | 48.1 | 0.090 | 27.3 | 0.33 | 0.44 |
| 3 | 15.0 | 44.1 | 0.124 | 34.9 | 0.36 | 0.48 |
| 4 | 20.0 | 38.0 | 0.143 | 37.9 | 0.38 | 0.50 |
| 5 | 23.8 | 32.8 | 0.147 | 37.6 | 0.39 | 0.52 |



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