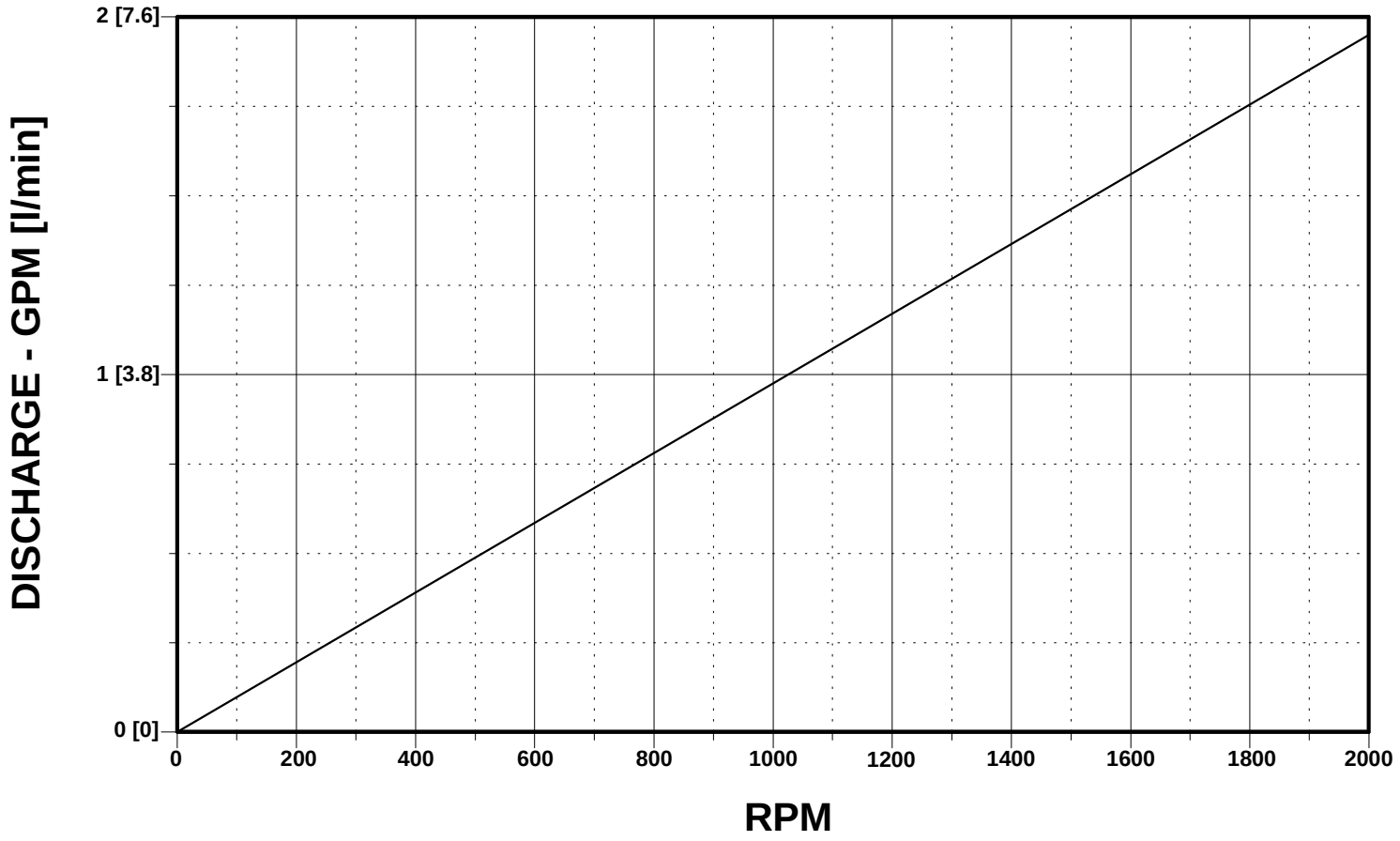
SERIES: F1

GRAPH 1

THEORETICAL GPM

ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 - GRAPH 2

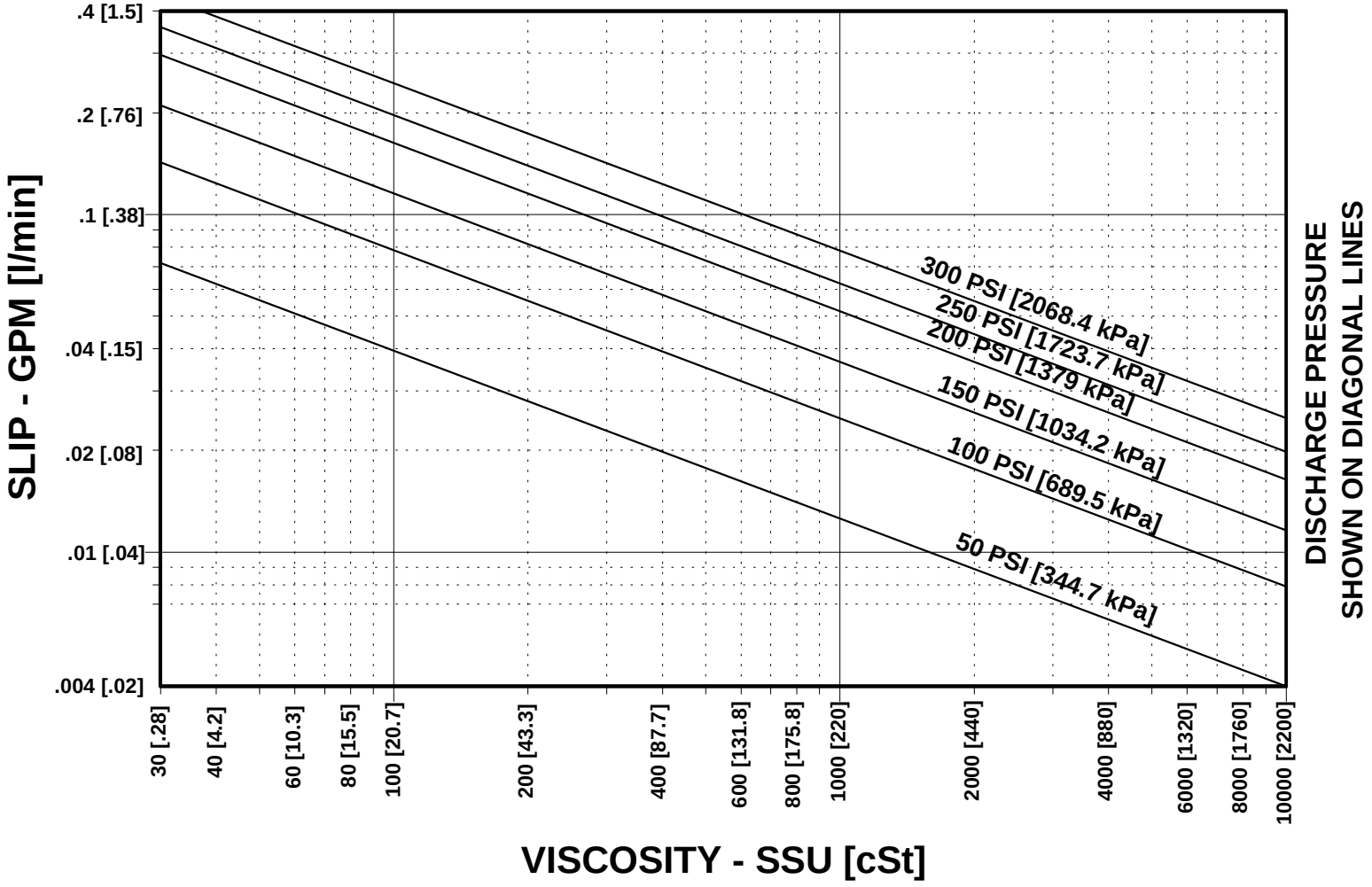


SERIES: F1

GRAPH 2

SLIP

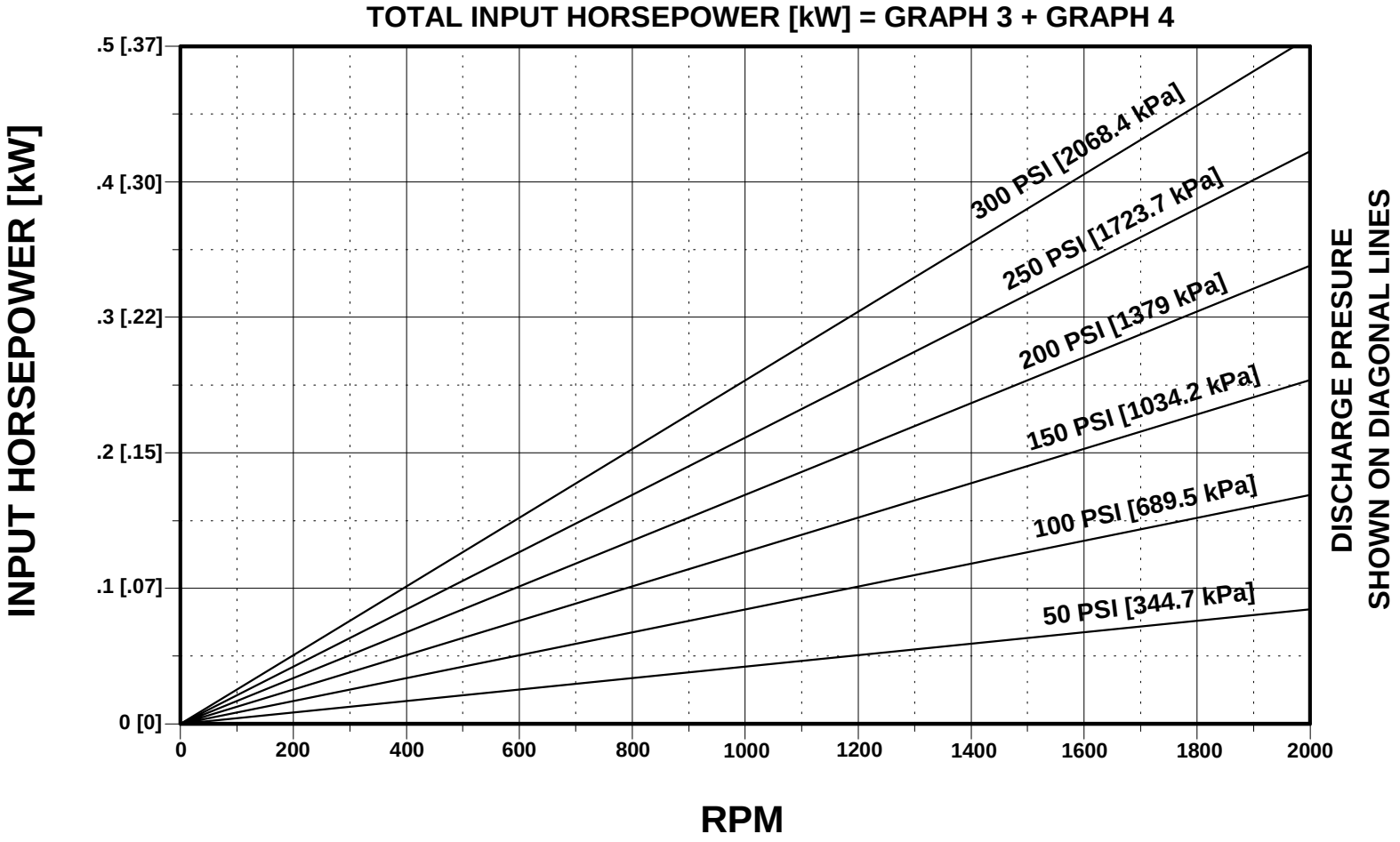
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F1

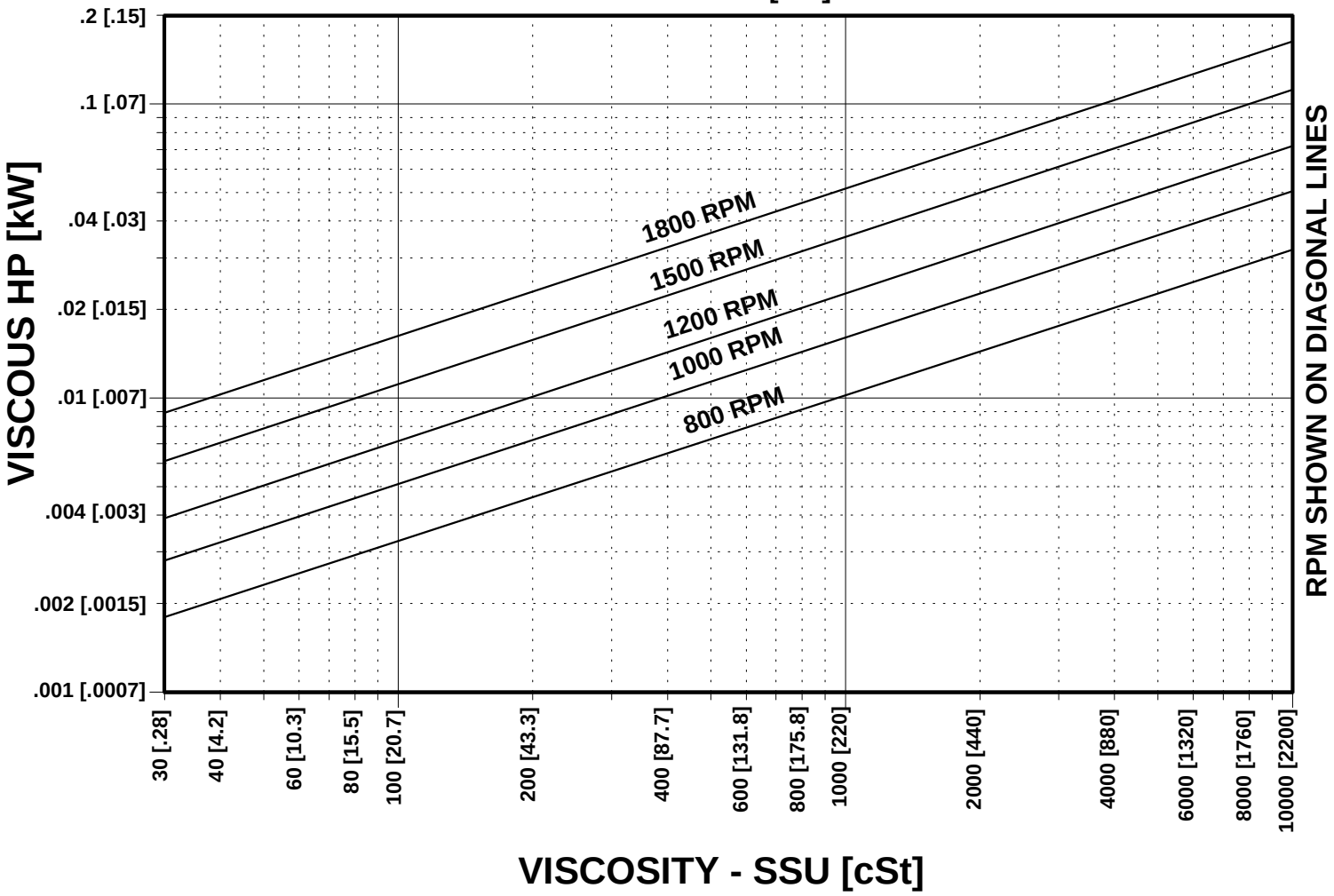
GRAPH 3

INPUT HORSEPOWER

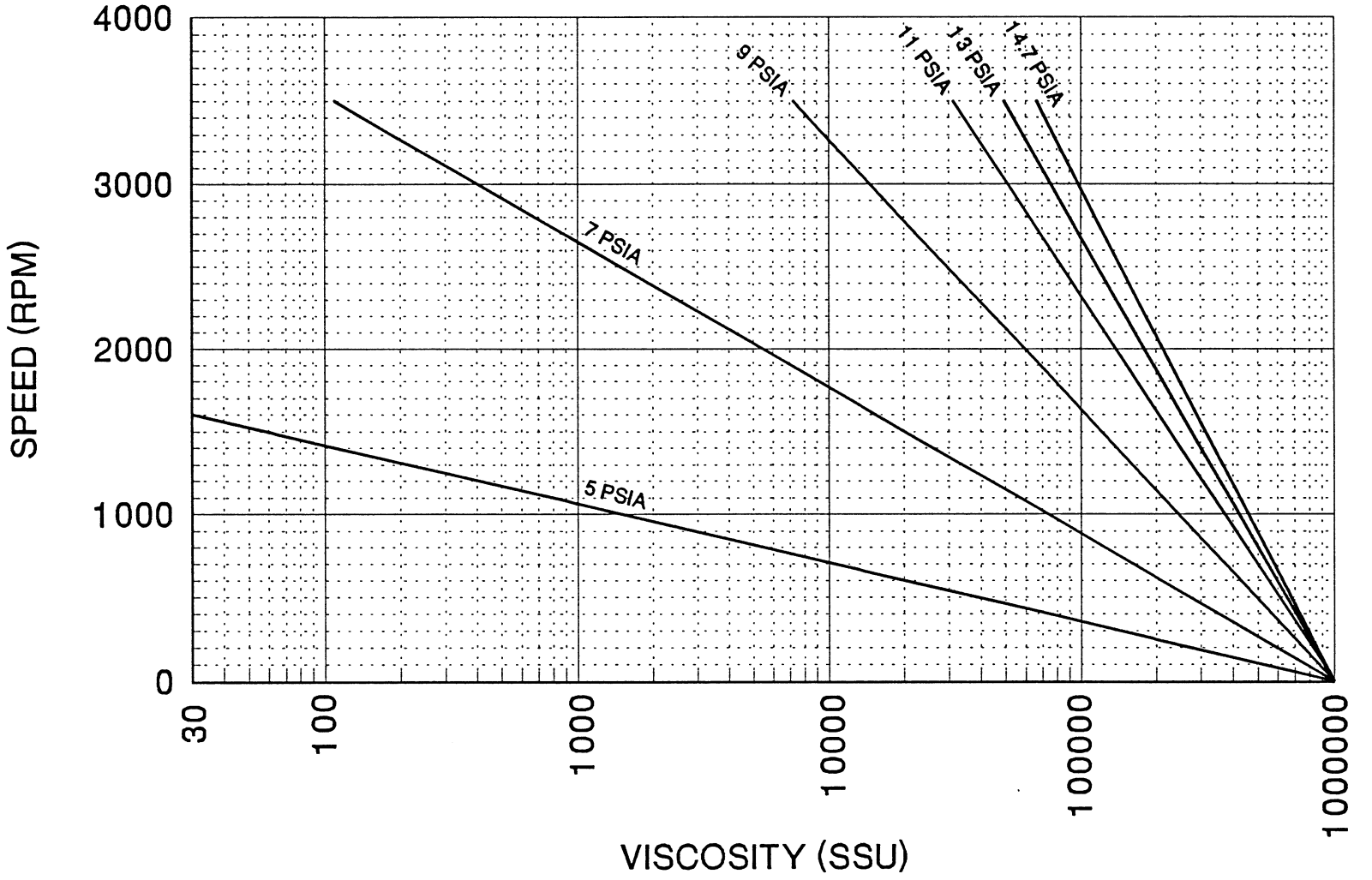


SERIES: F1
GRAPH 4
VISCOUS HORSEPOWER

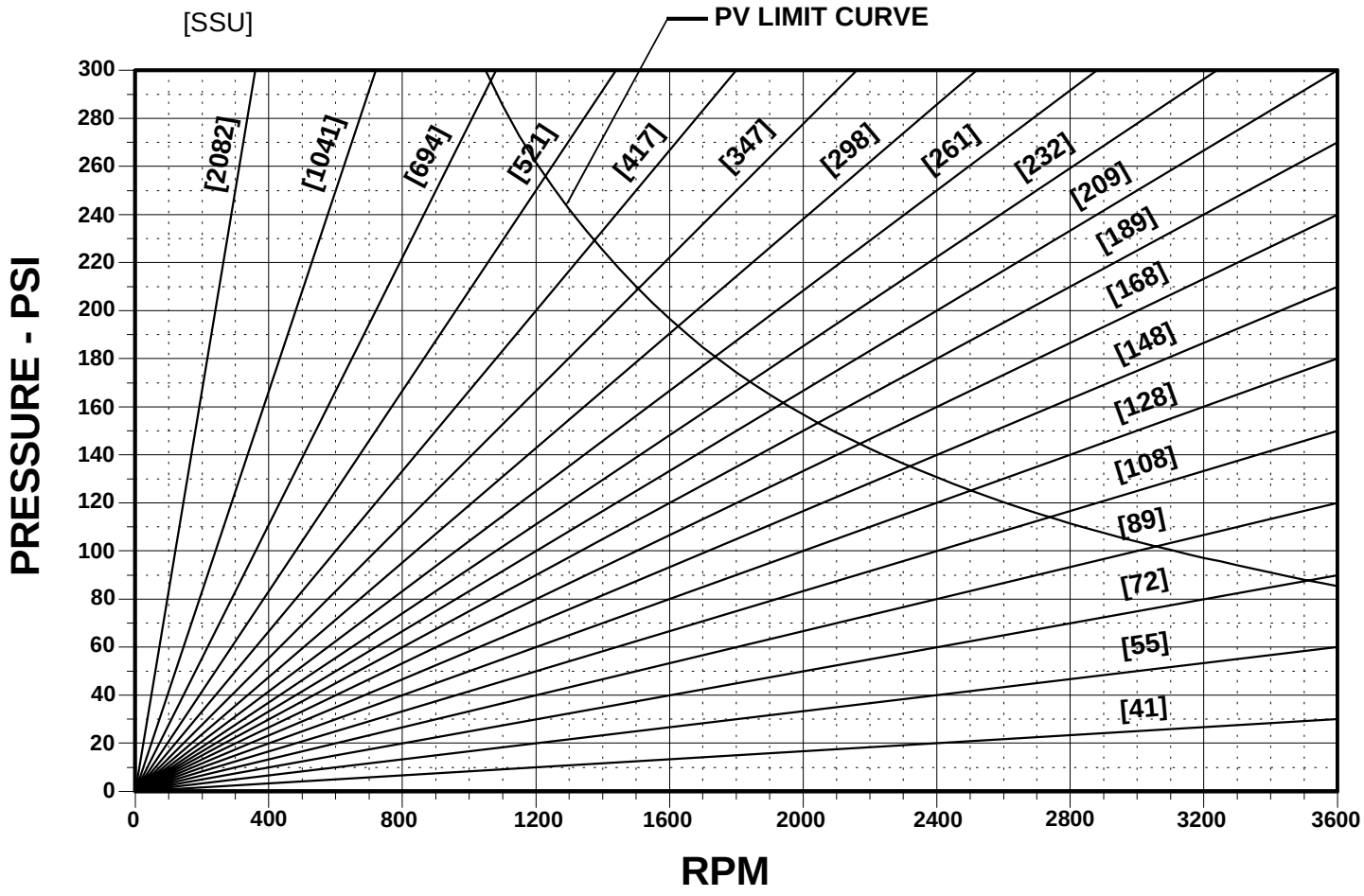
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



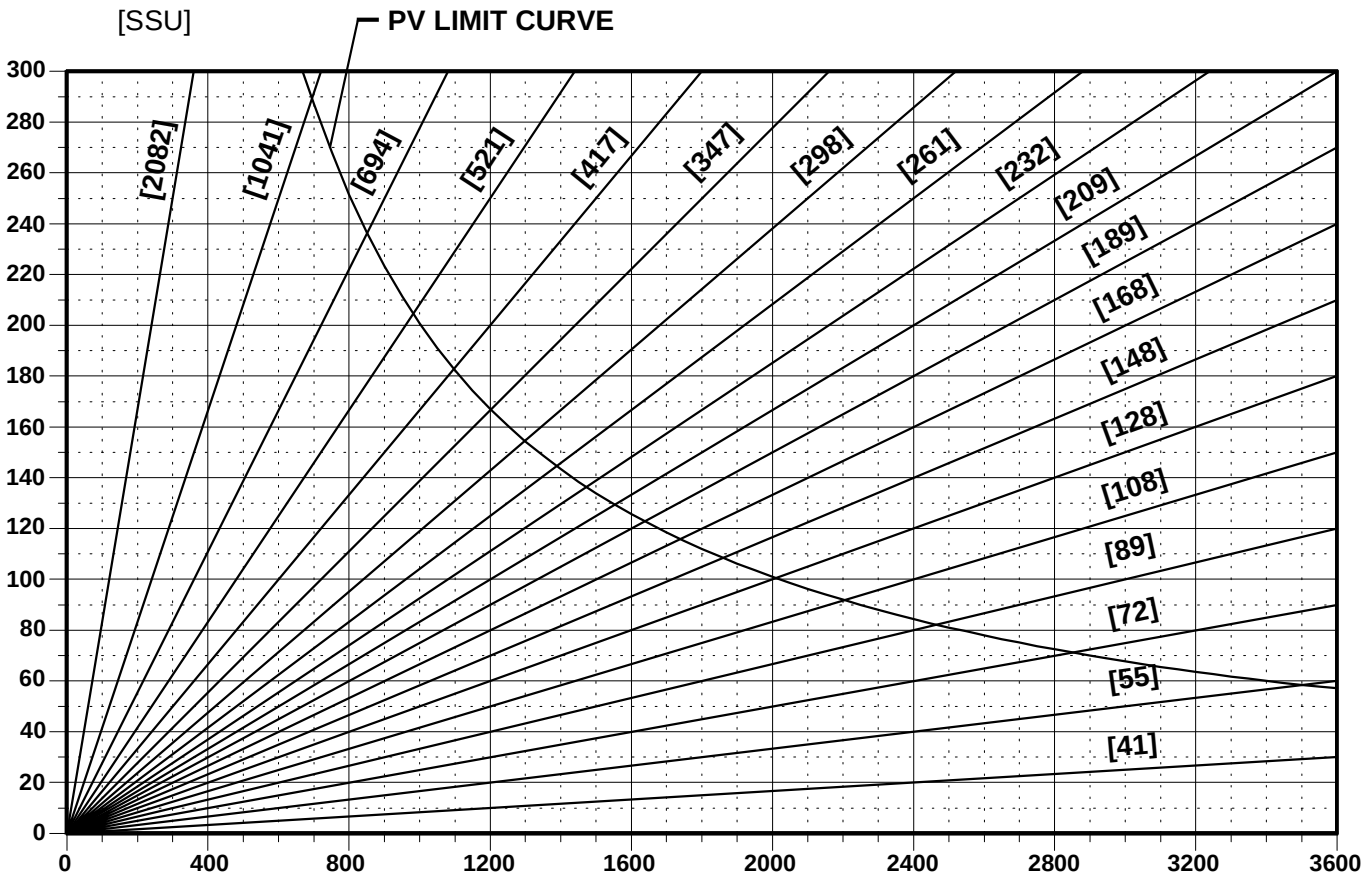
F1
REQUIRED NET INLET PRESSURE



SERIES: F1
(BRONZE BEARINGS)

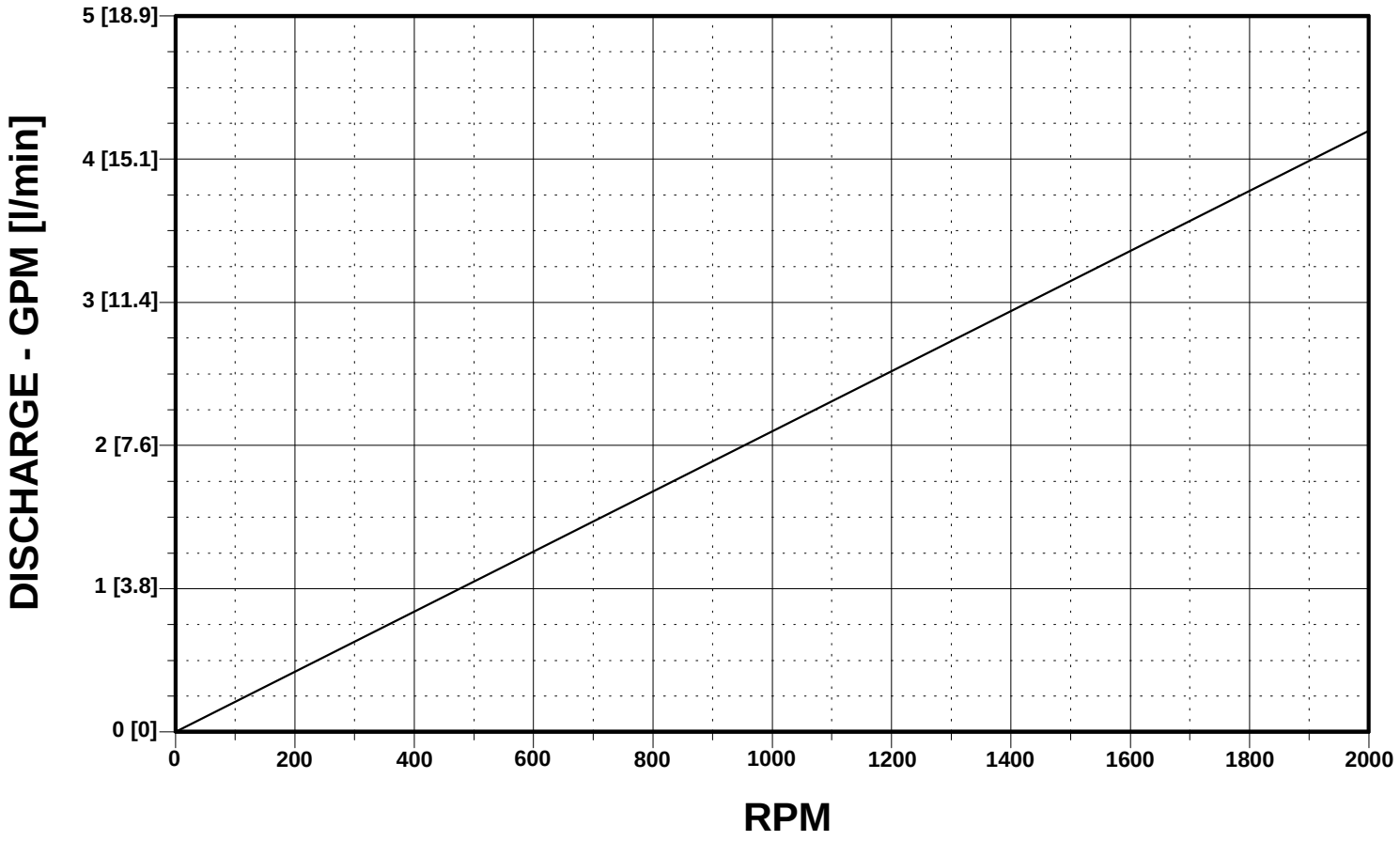


SERIES: F1
(IRON BEARINGS)



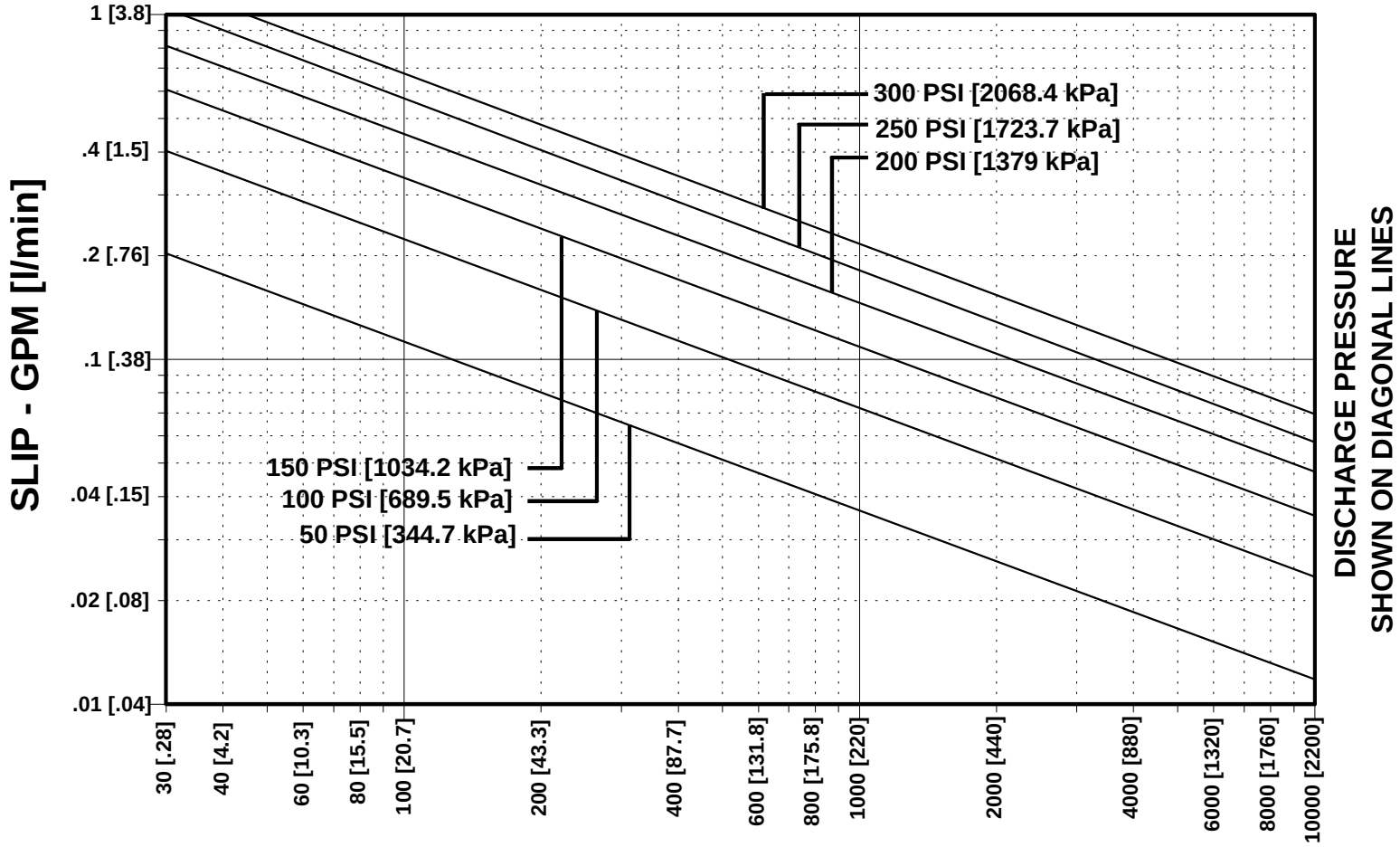
SERIES: F3
GRAPH 1
THEORETICAL GPM

ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F3
GRAPH 2
SLIP

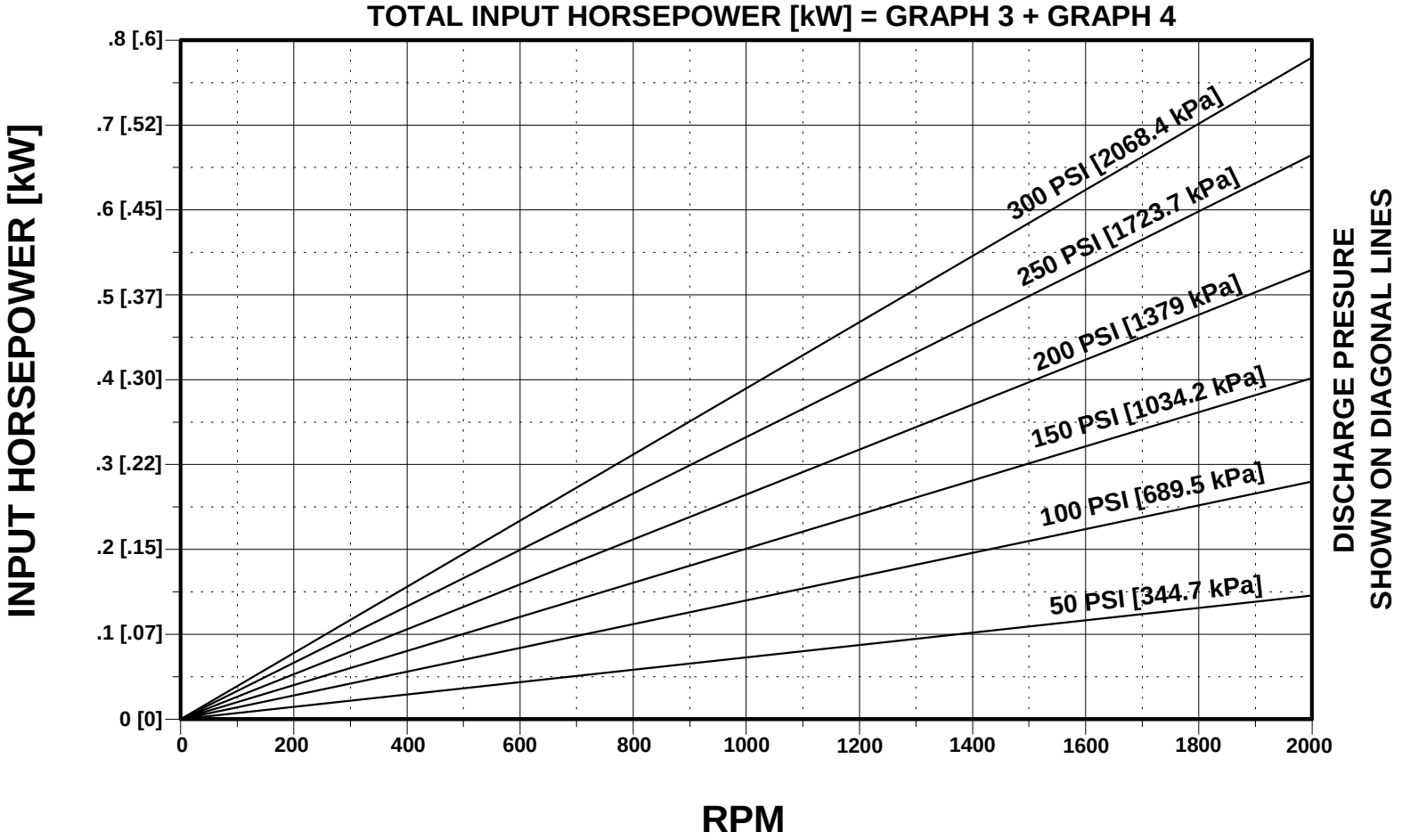
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F3

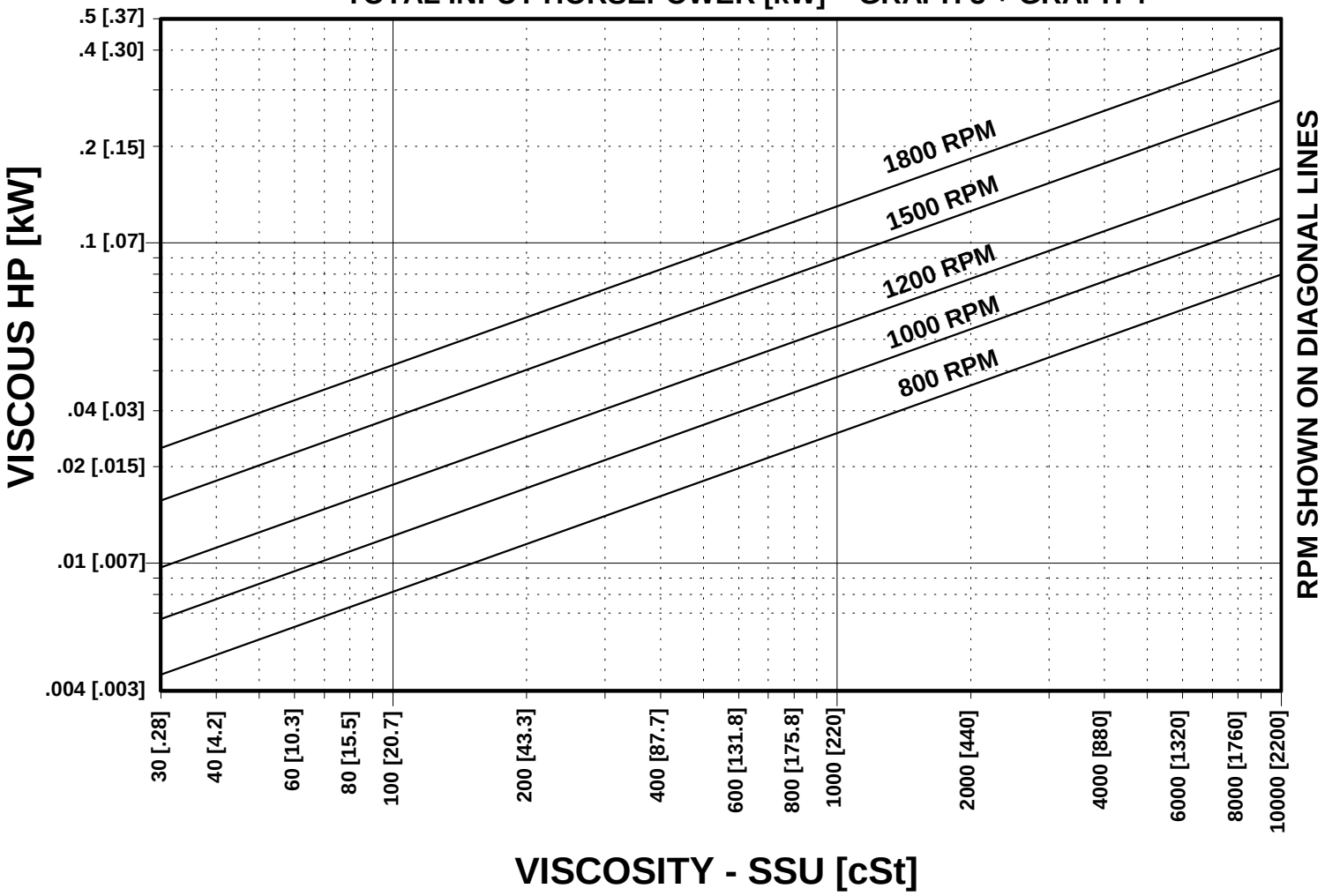
GRAPH 3

INPUT HORSEPOWER

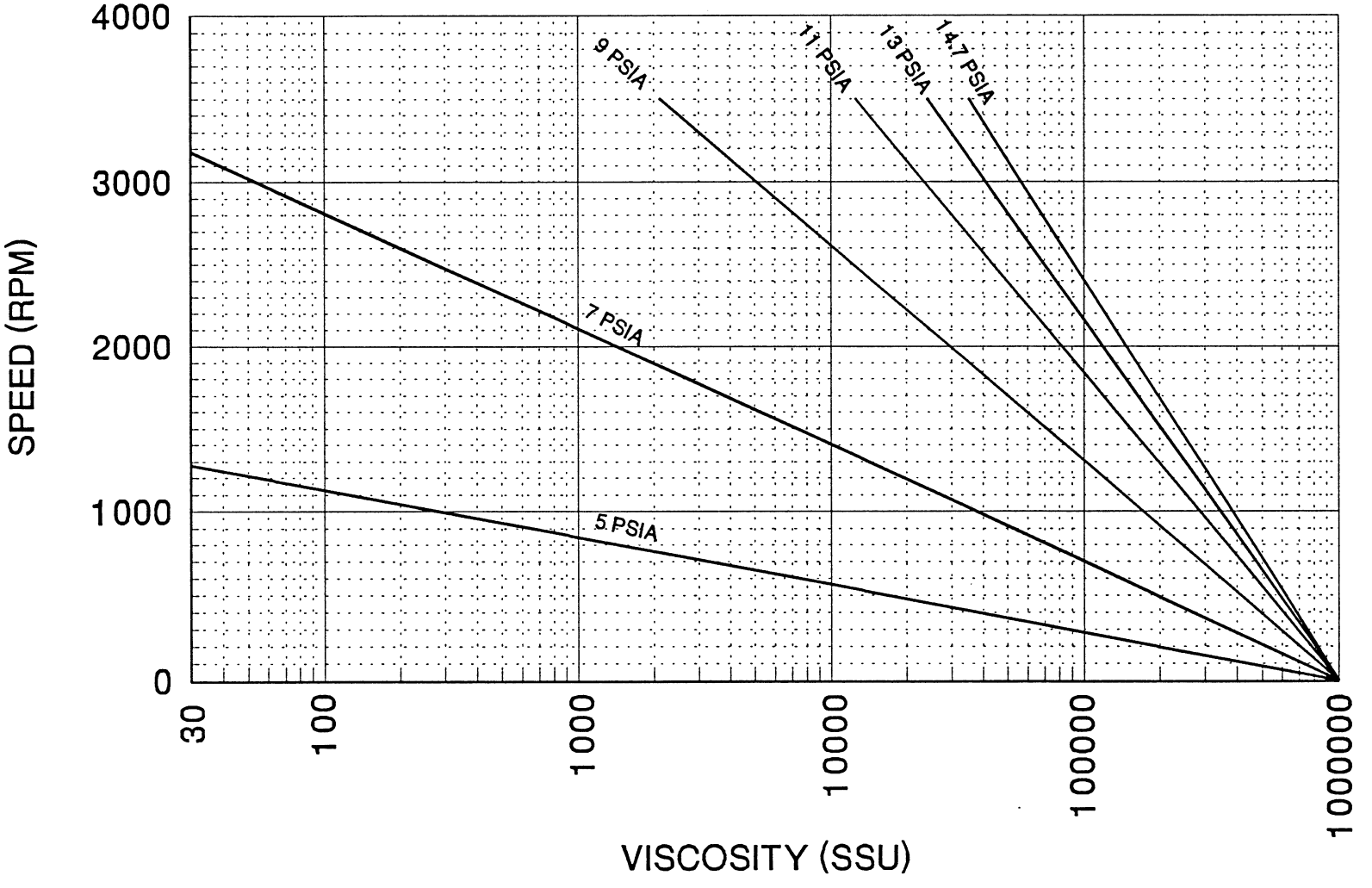


SERIES: F3
GRAPH 4
VISCOUS HORSEPOWER

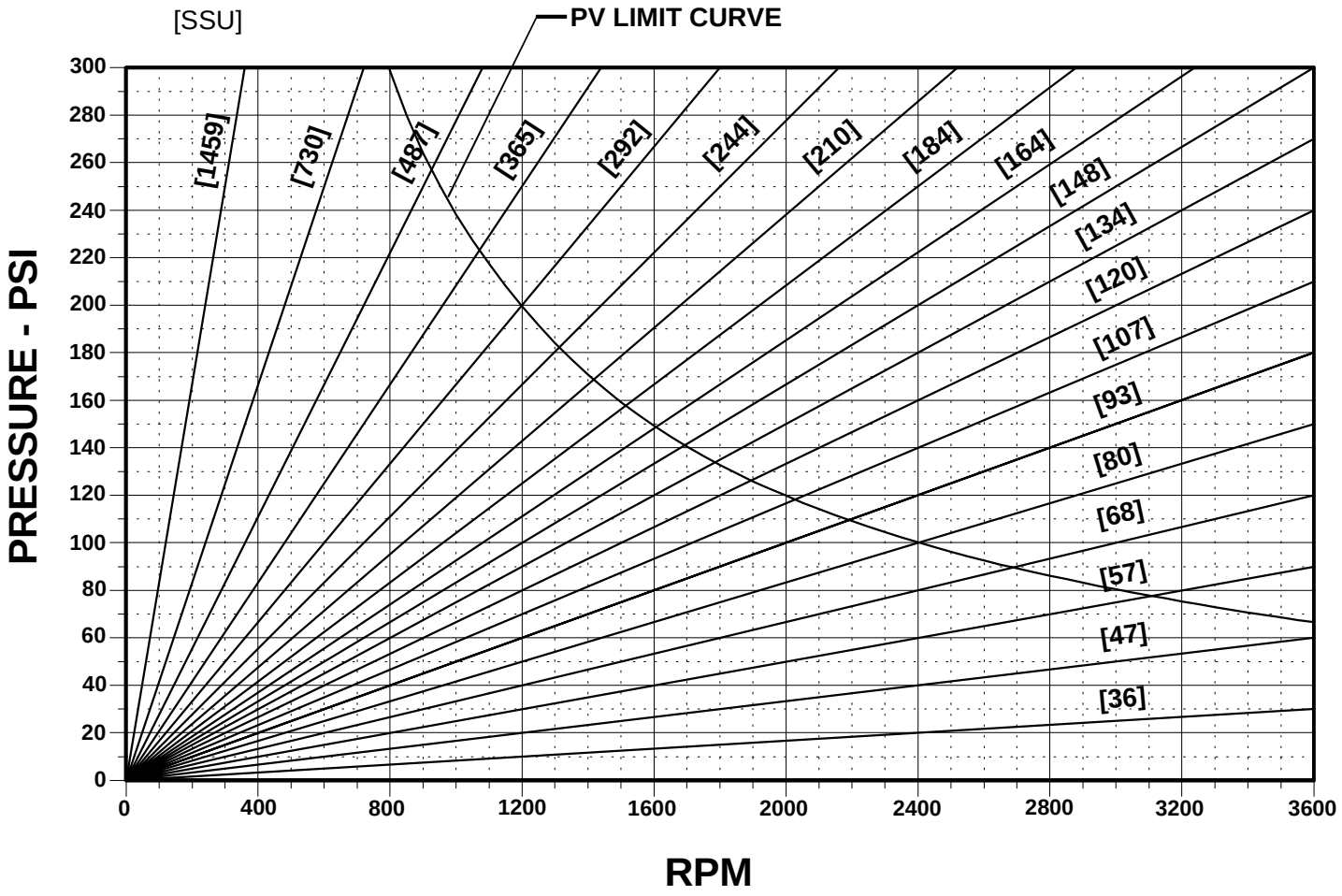
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



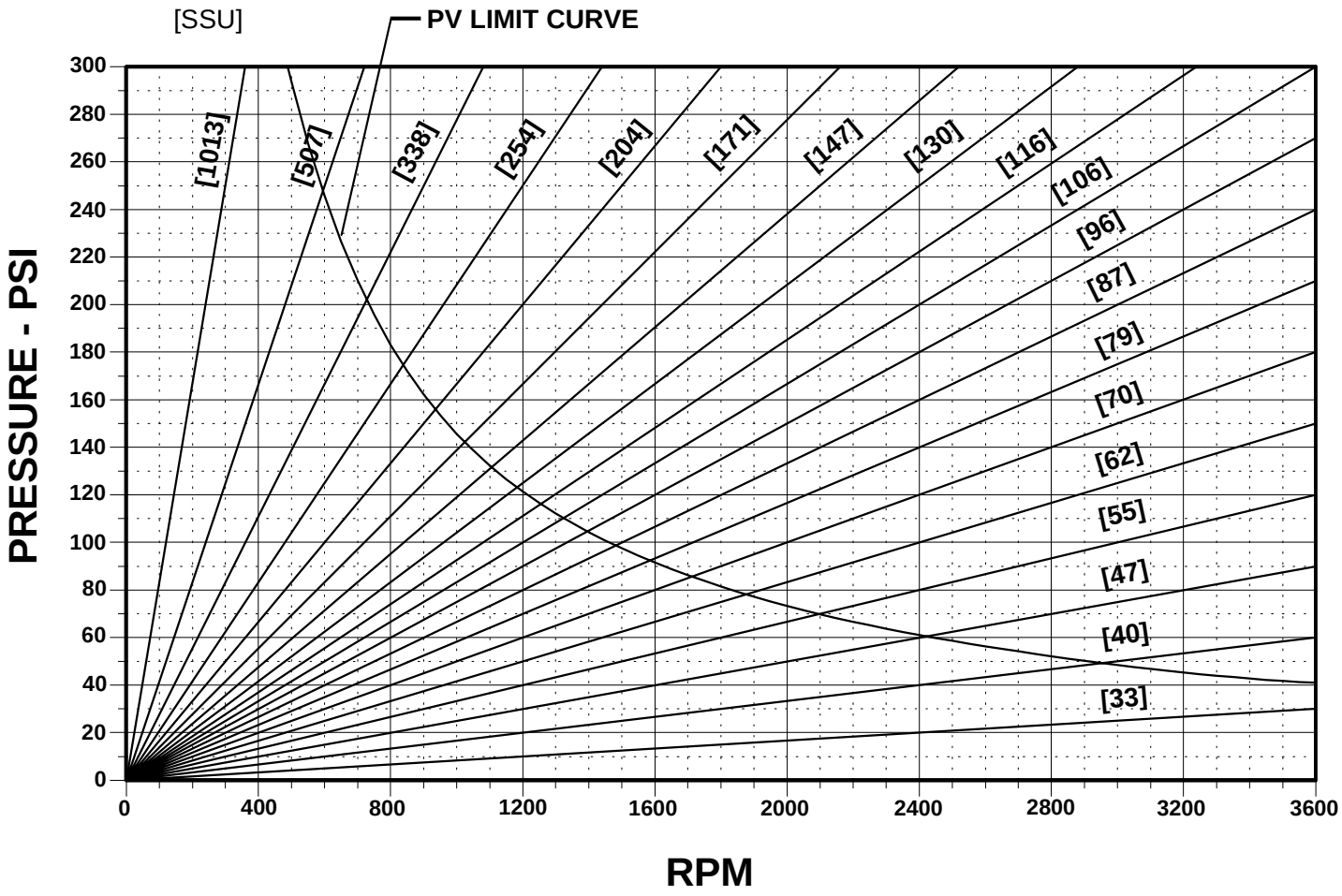
F3
REQUIRED NET INLET PRESSURE



SERIES: F3
(BRONZE BEARINGS)

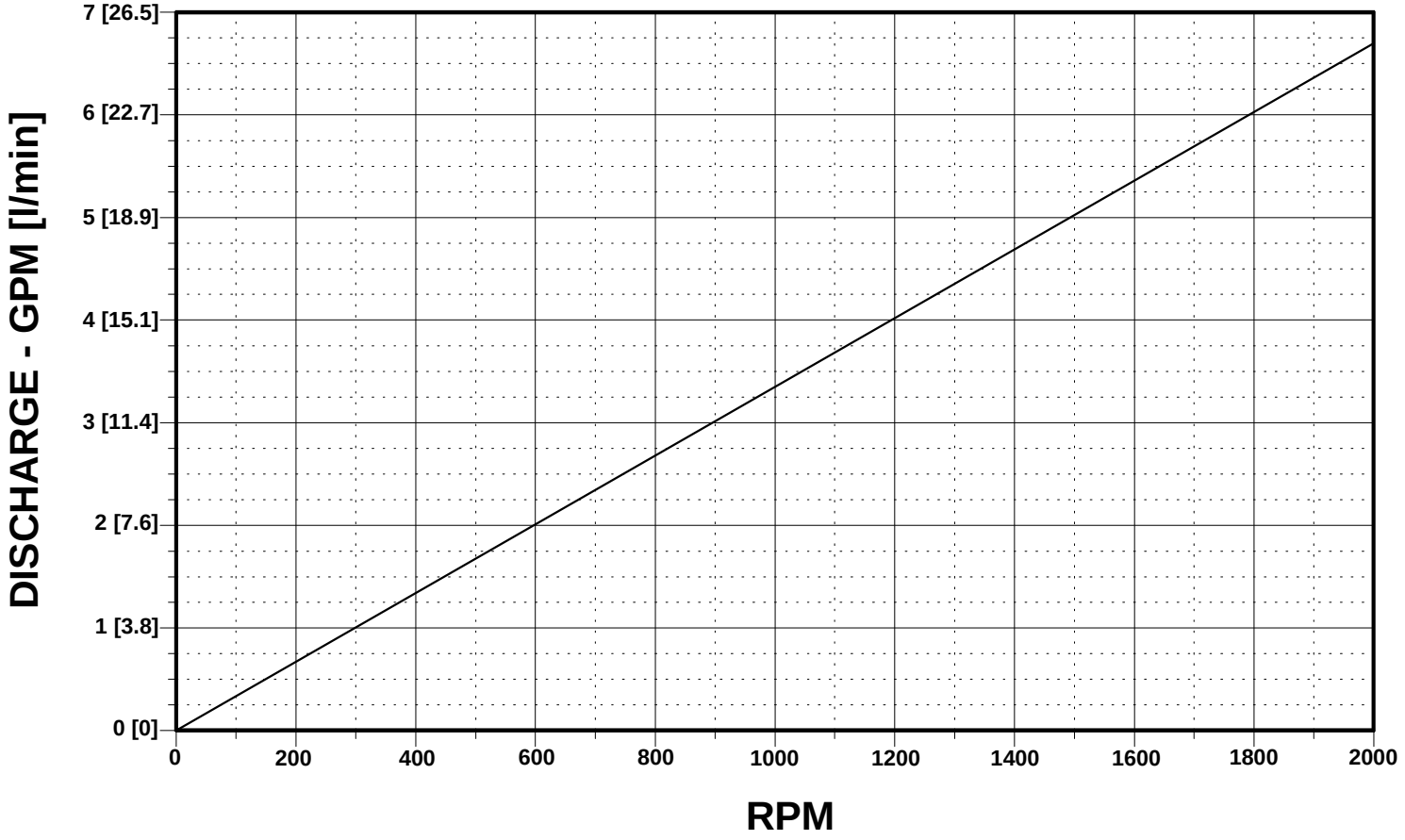


SERIES: F3
(IRON BEARINGS)



SERIES: F5
GRAPH 1
THEORETICAL GPM

ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2

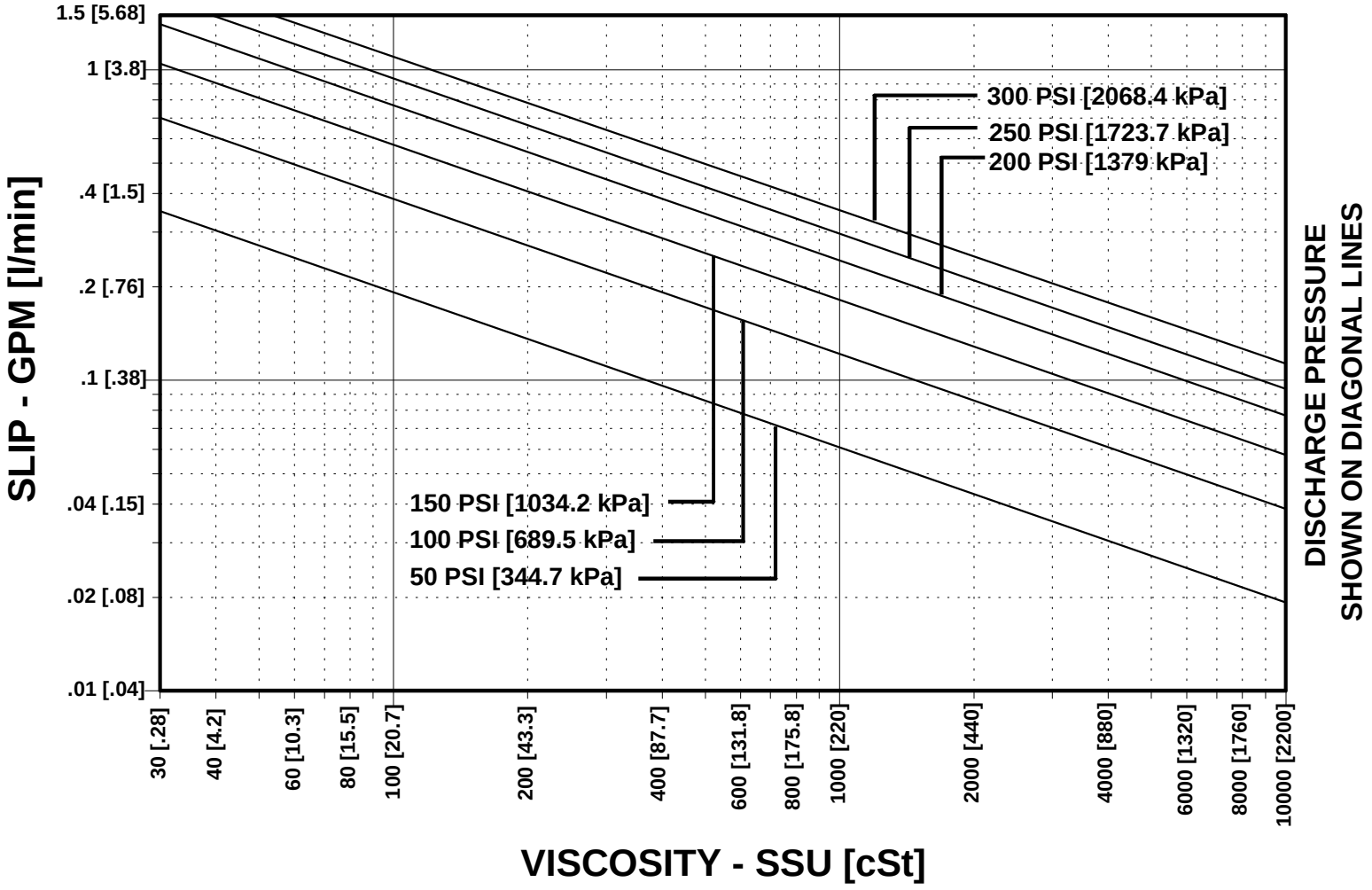


SERIES: F5

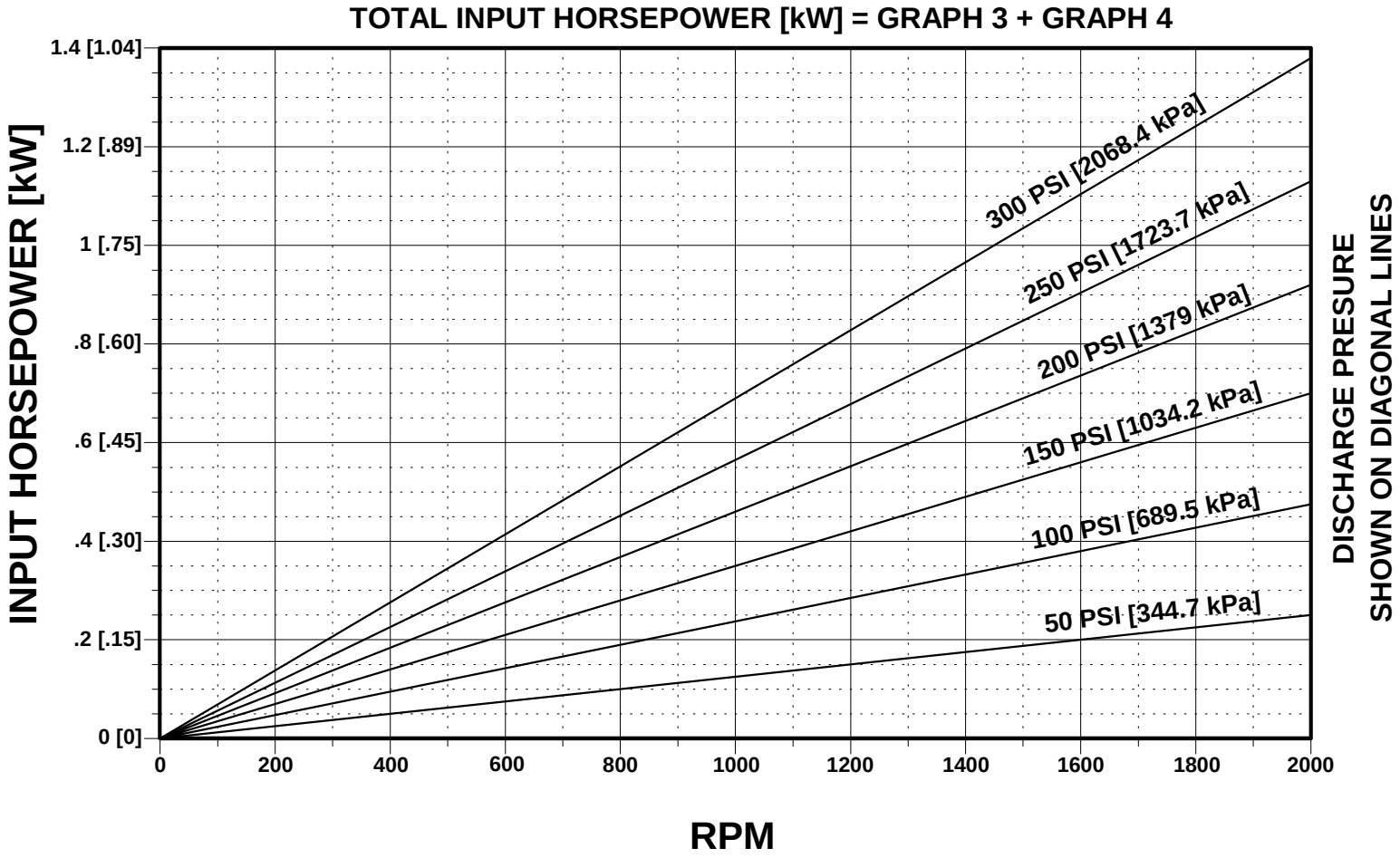
GRAPH 2

SLIP

ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2

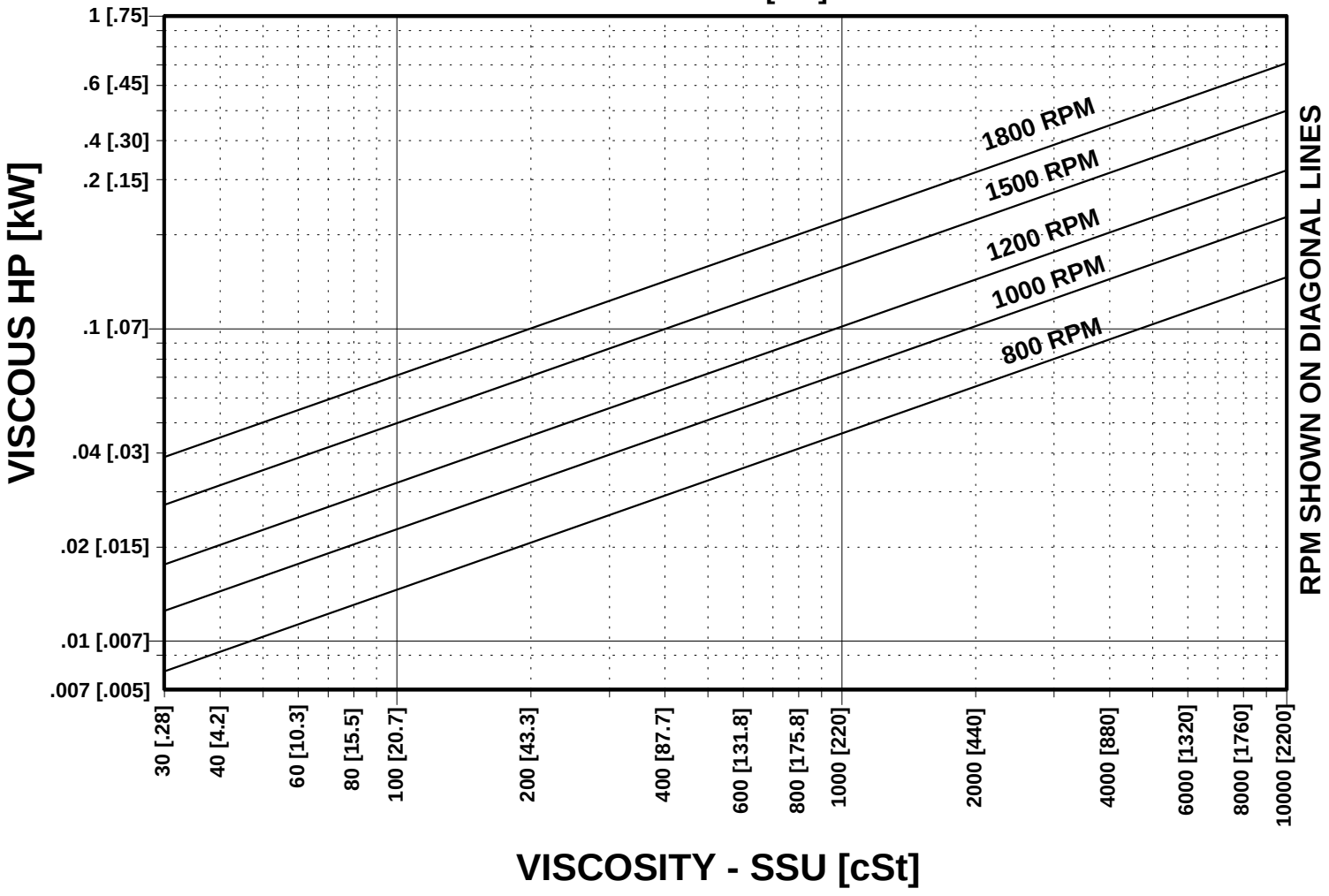


SERIES: F5
GRAPH 3
INPUT HORSEPOWER



SERIES: F5
GRAPH 4
VISCOUS HORSEPOWER

TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



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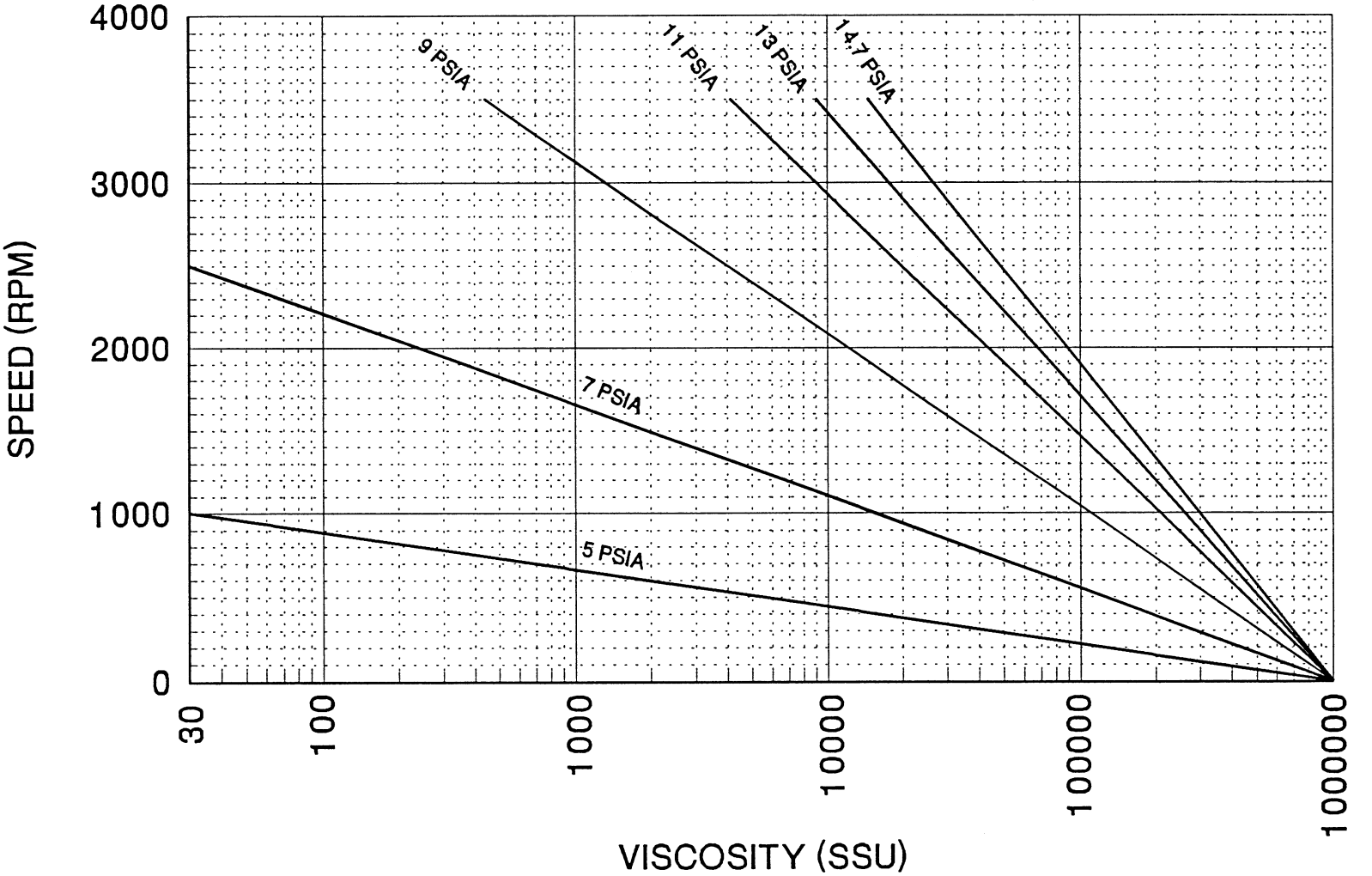
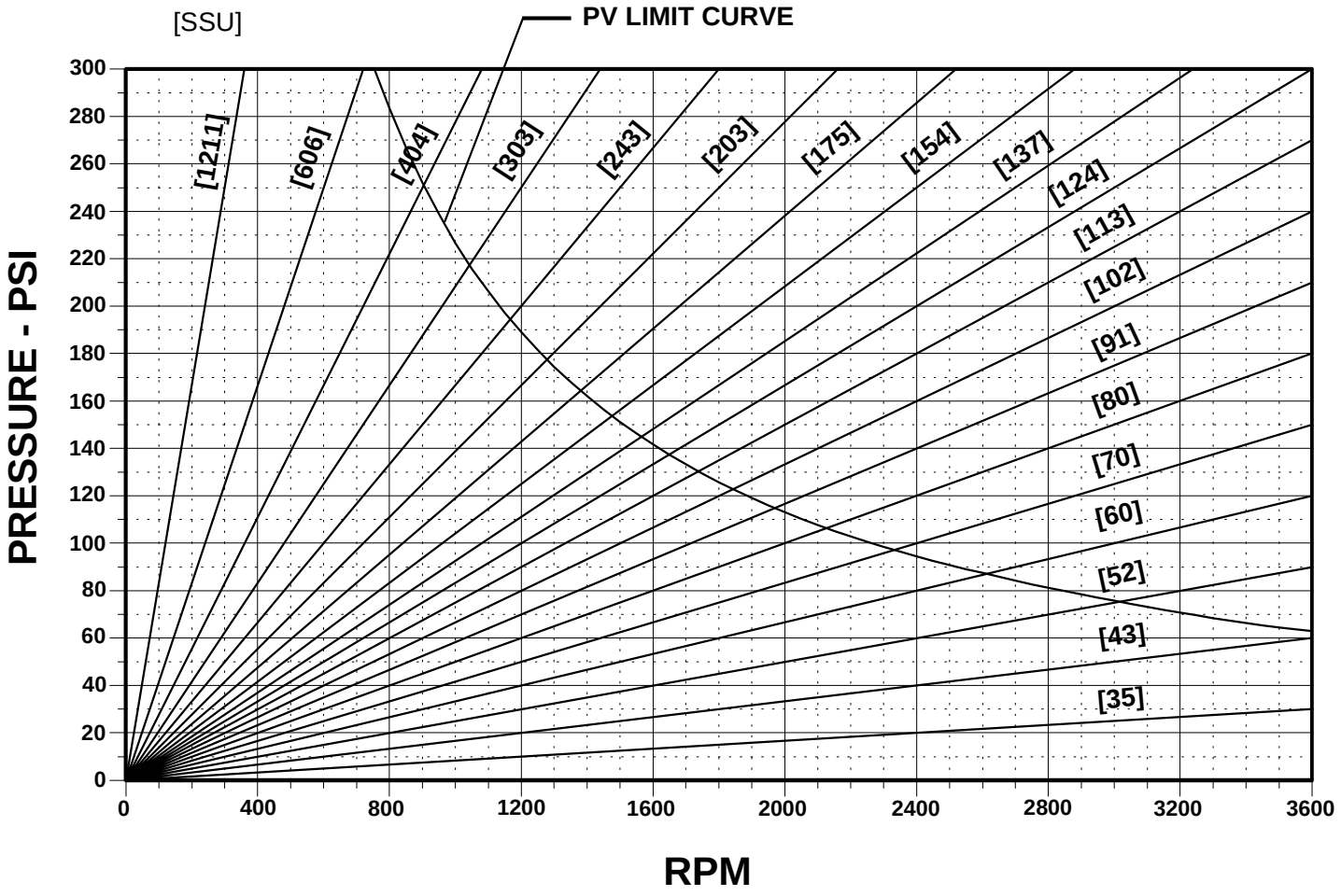
F5
REQUIRED NET INLET PRESSURE



SERIES: F5
(BRONZE BEARINGS)



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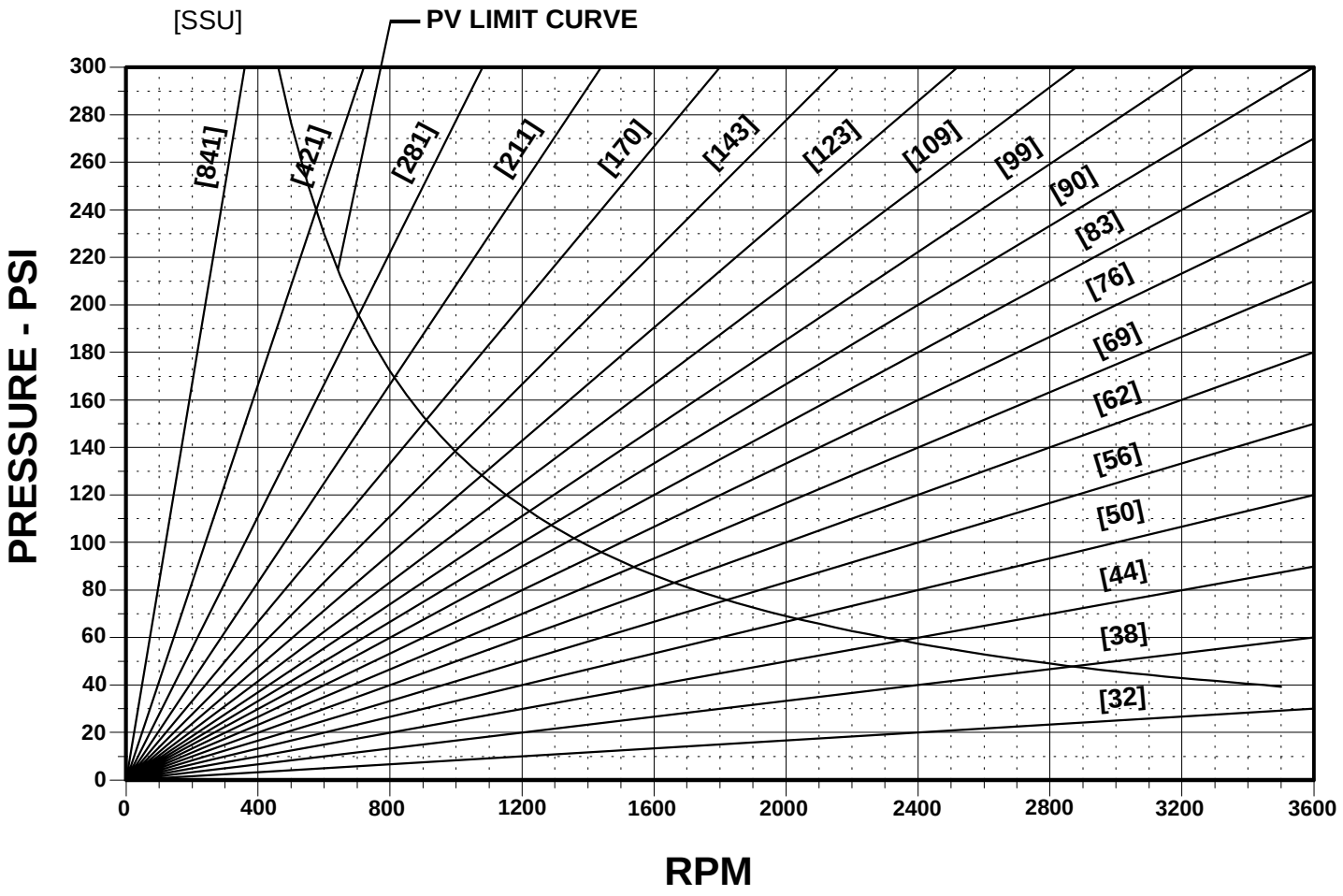
SERIES: F5
(IRON BEARINGS)



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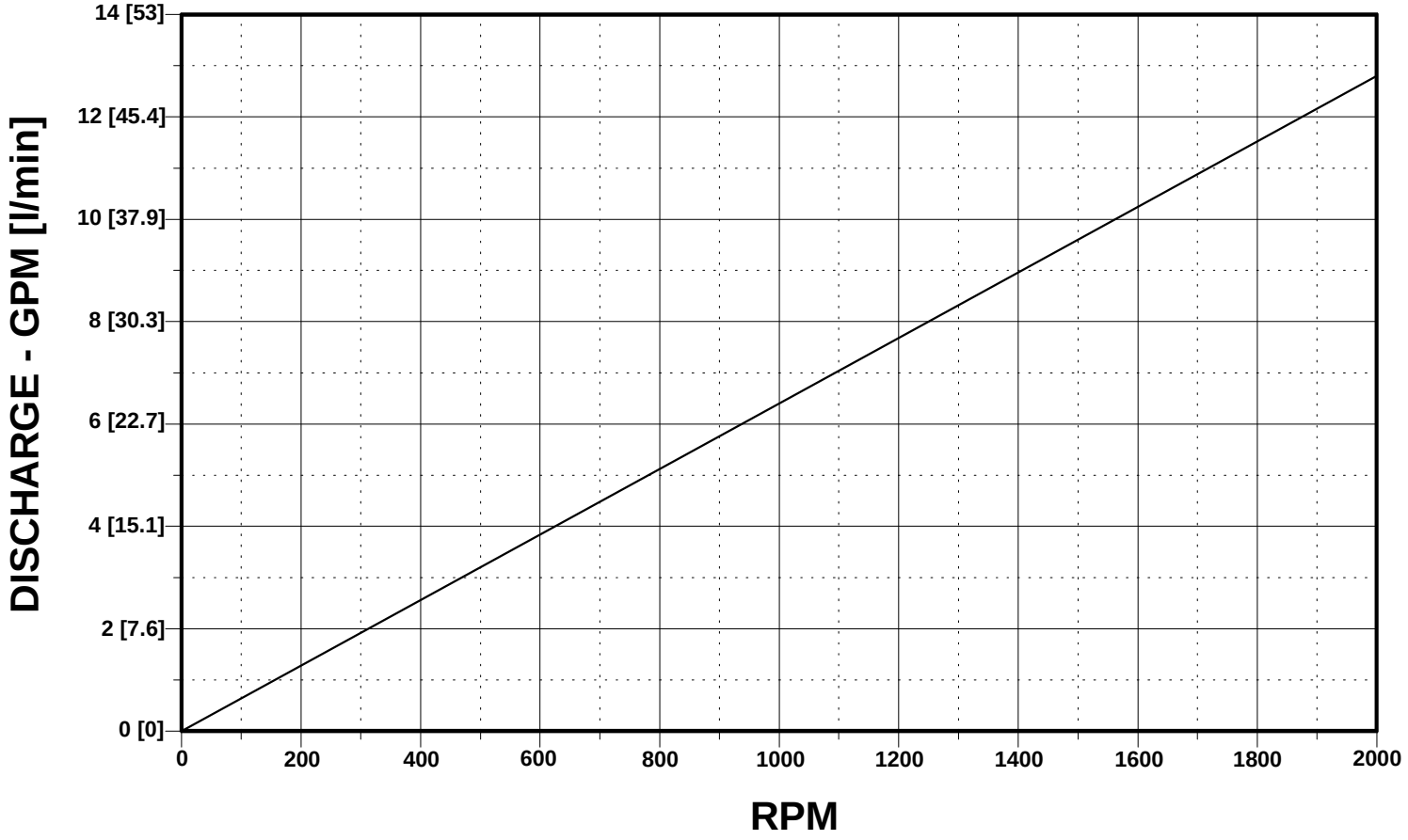
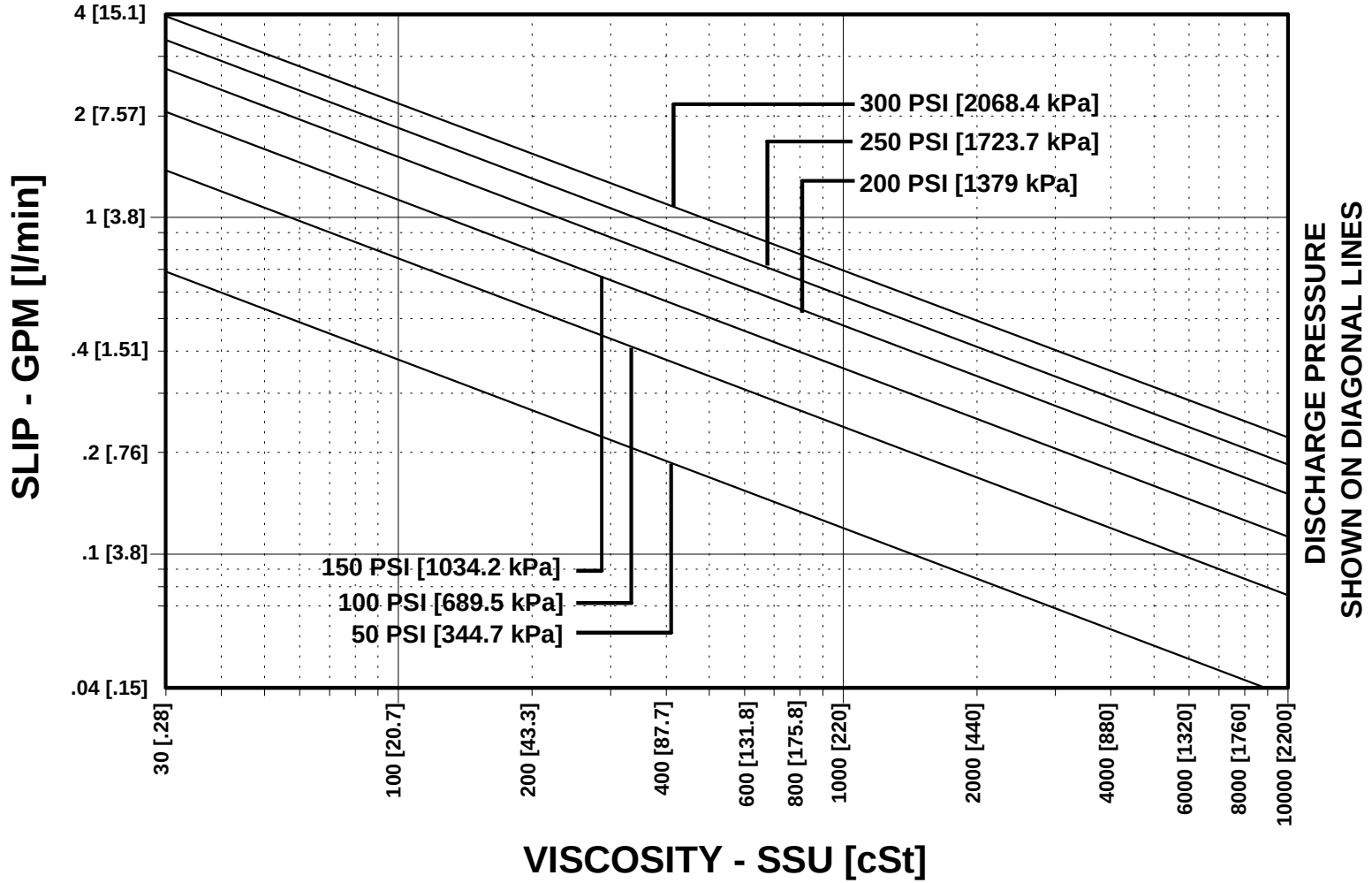
SERIES: F10
GRAPH 1
THEORETICAL GPM

ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



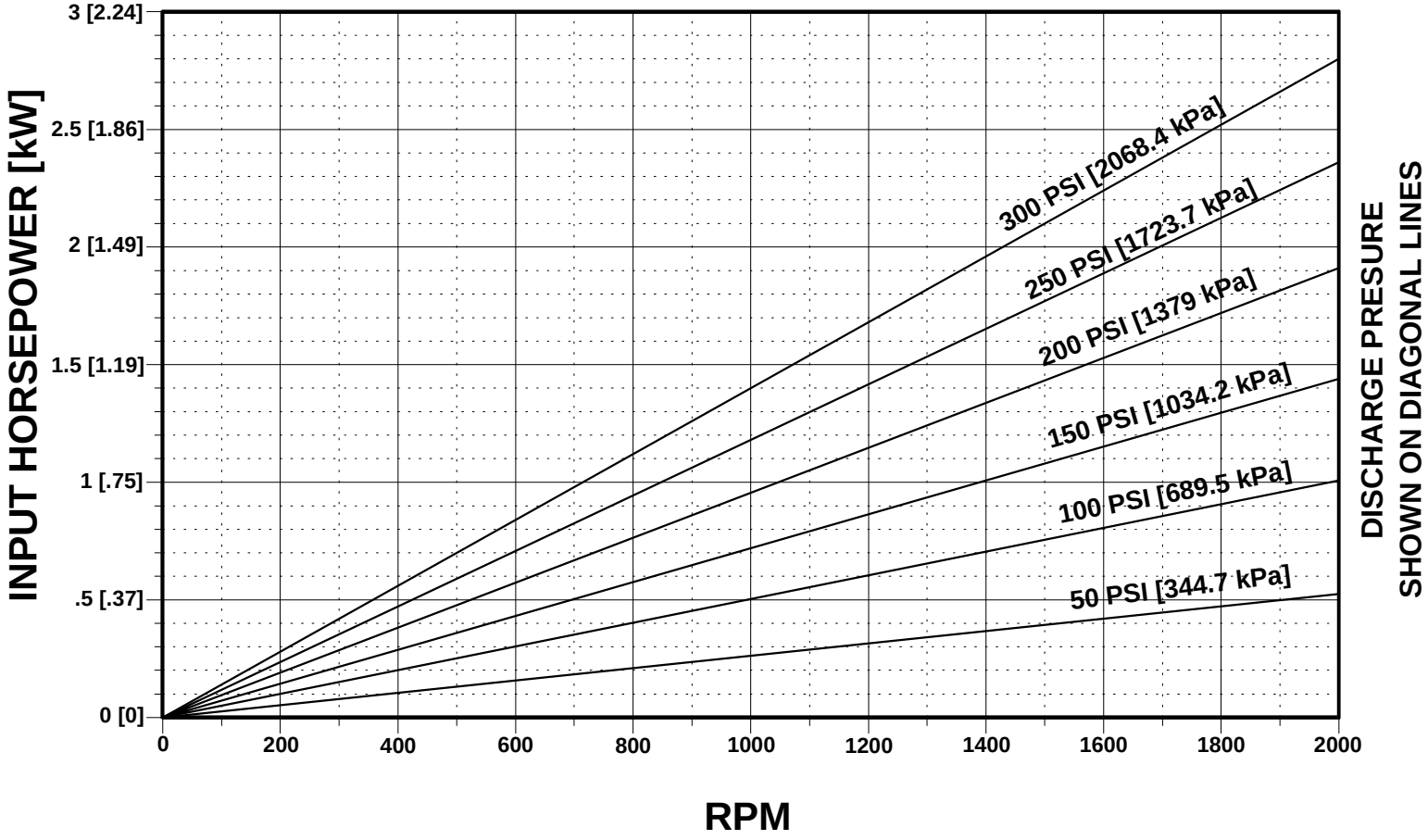
SERIES: F10
GRAPH 2
SLIP

ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



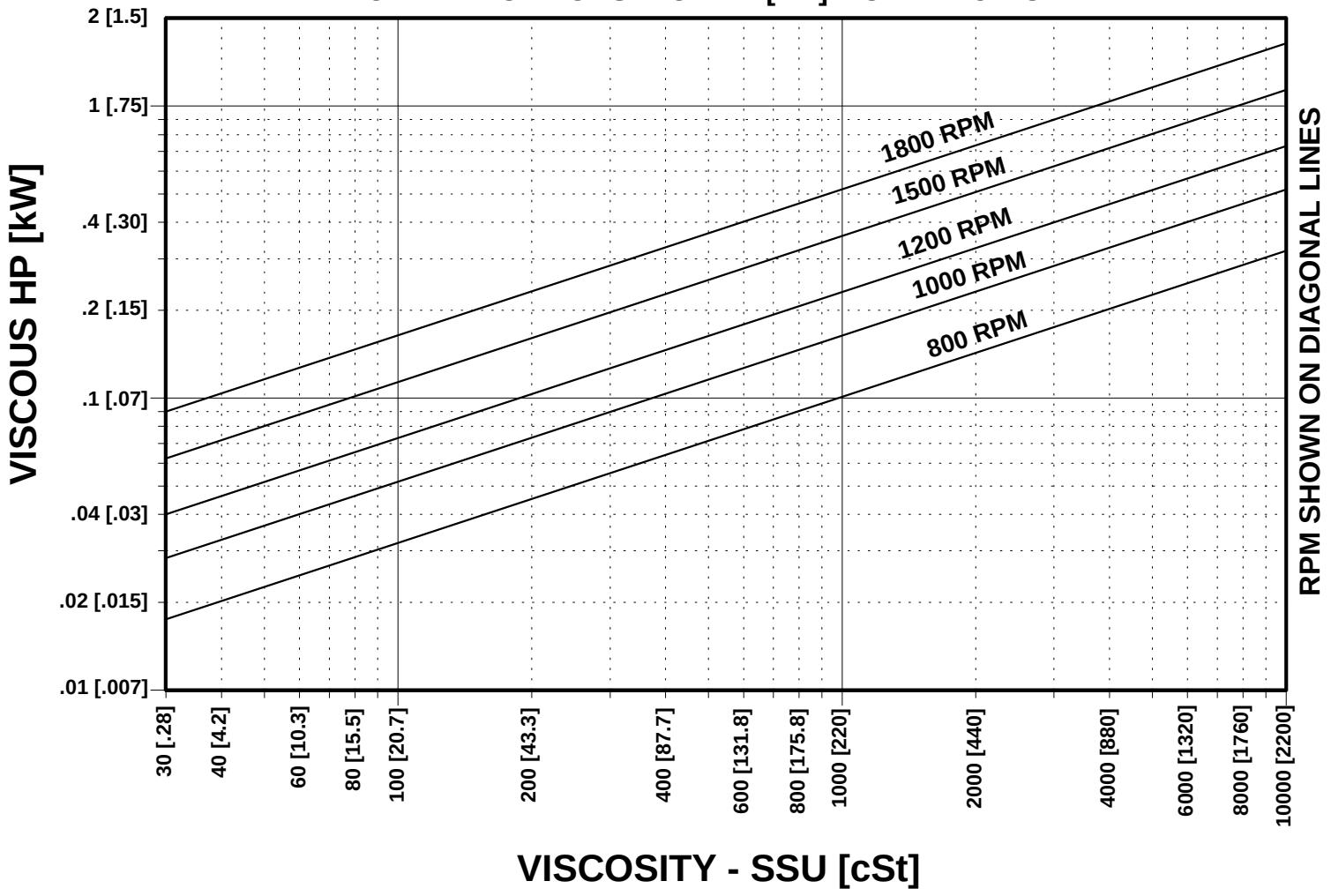
SERIES: F10
GRAPH 3
INPUT HORSEPOWER

TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4

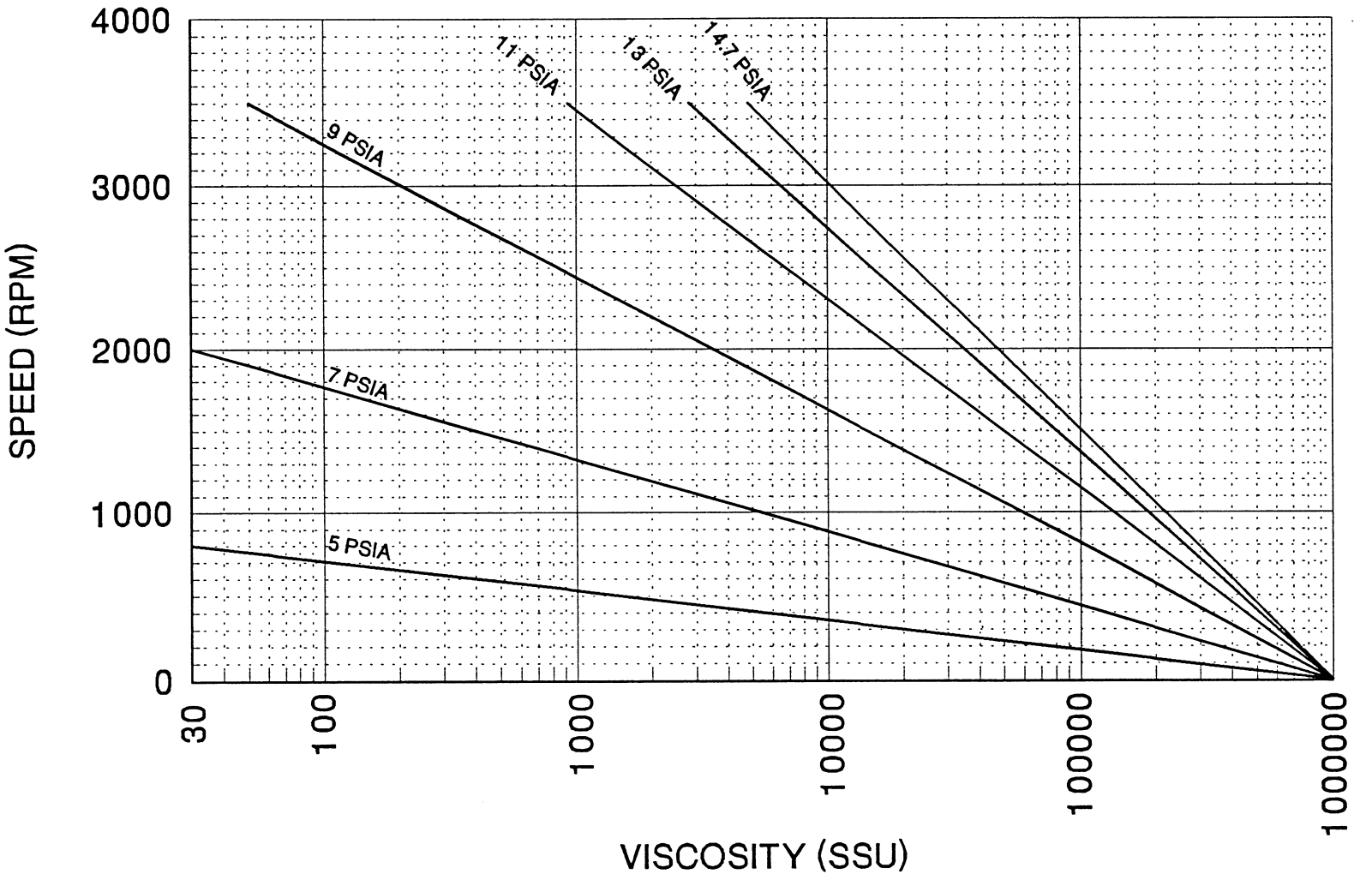


SERIES: F10
GRAPH 4
VISCOUS HORSEPOWER

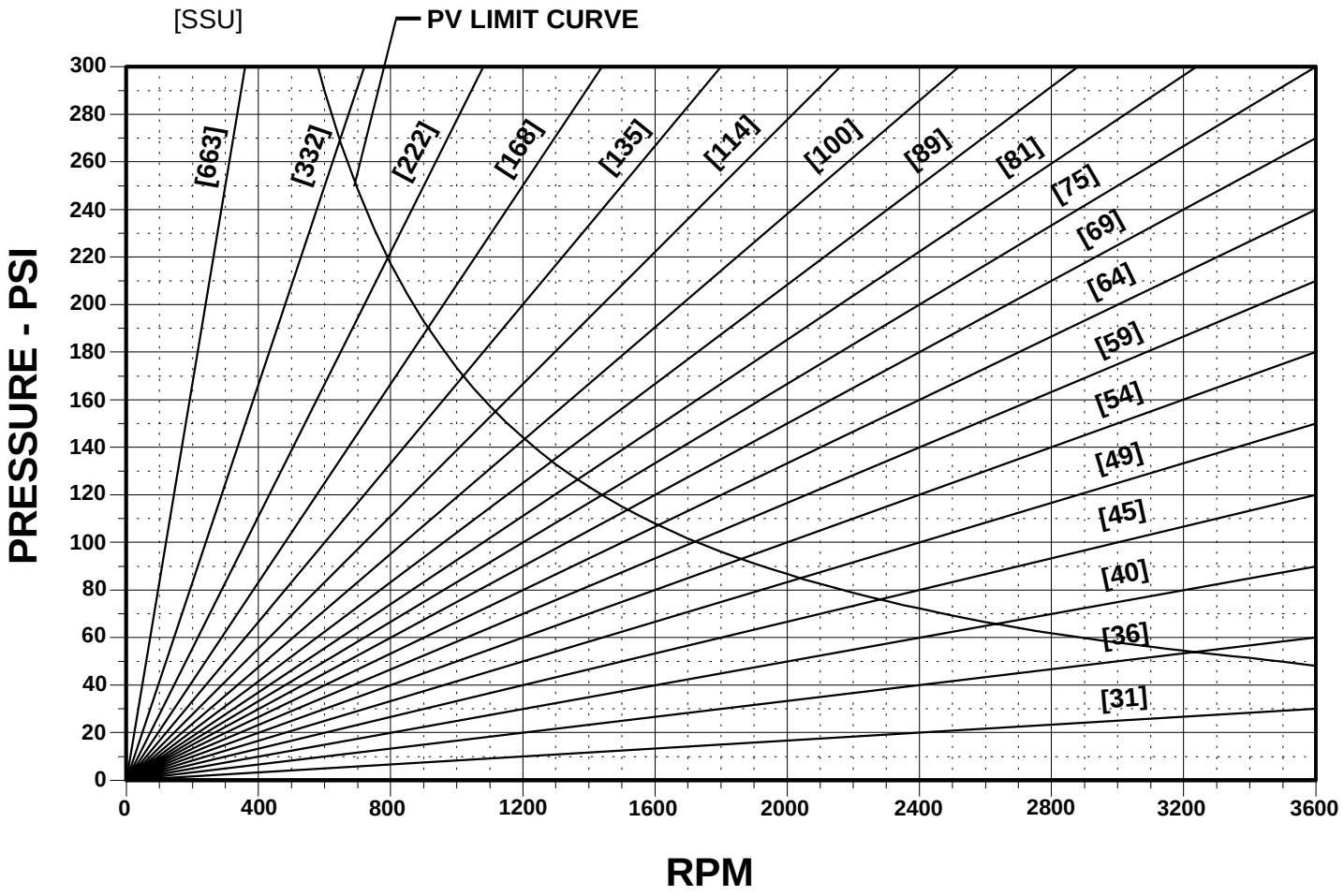
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



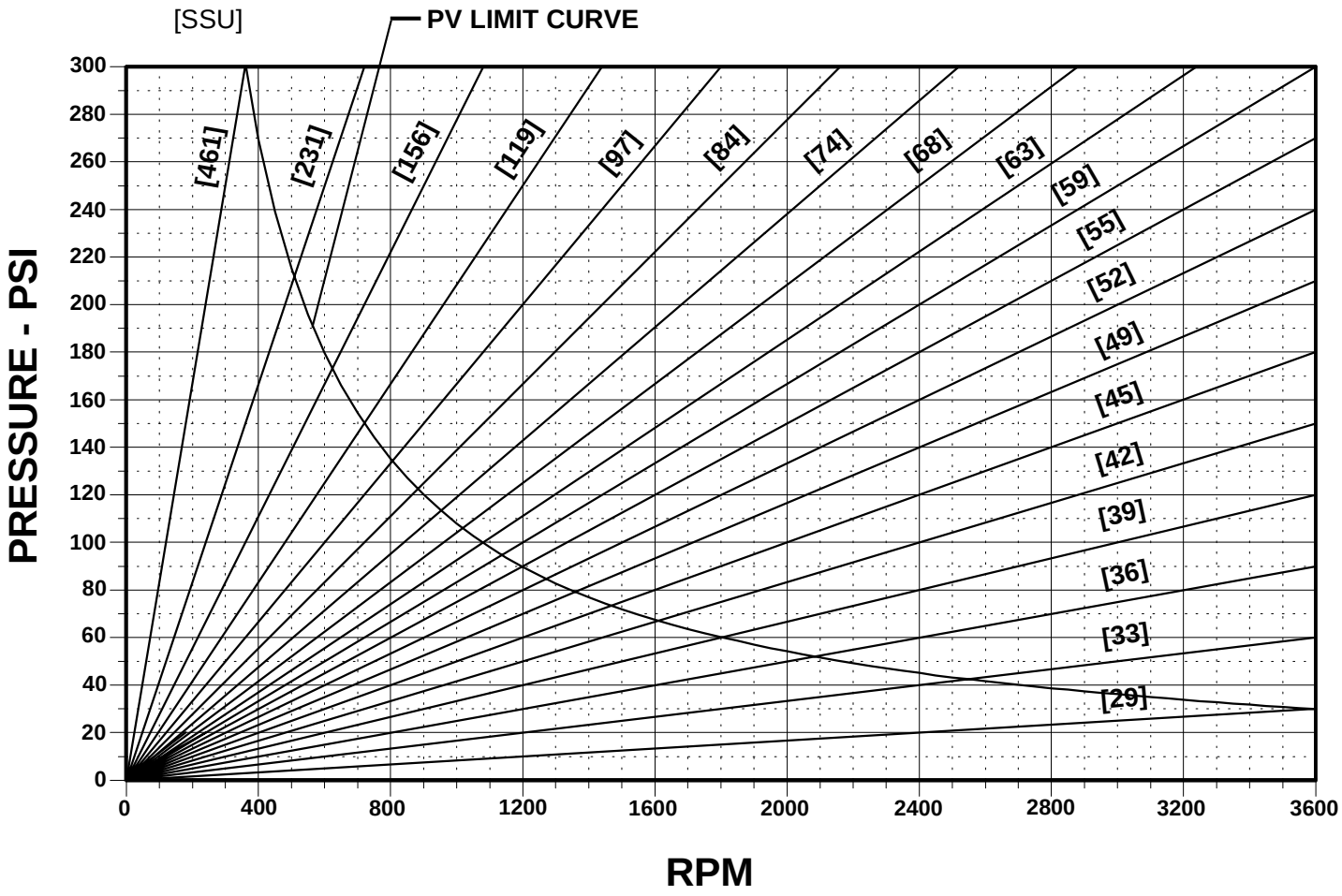
F10
REQUIRED NET INLET PRESSURE



SERIES: F10
(BRONZE BEARINGS)

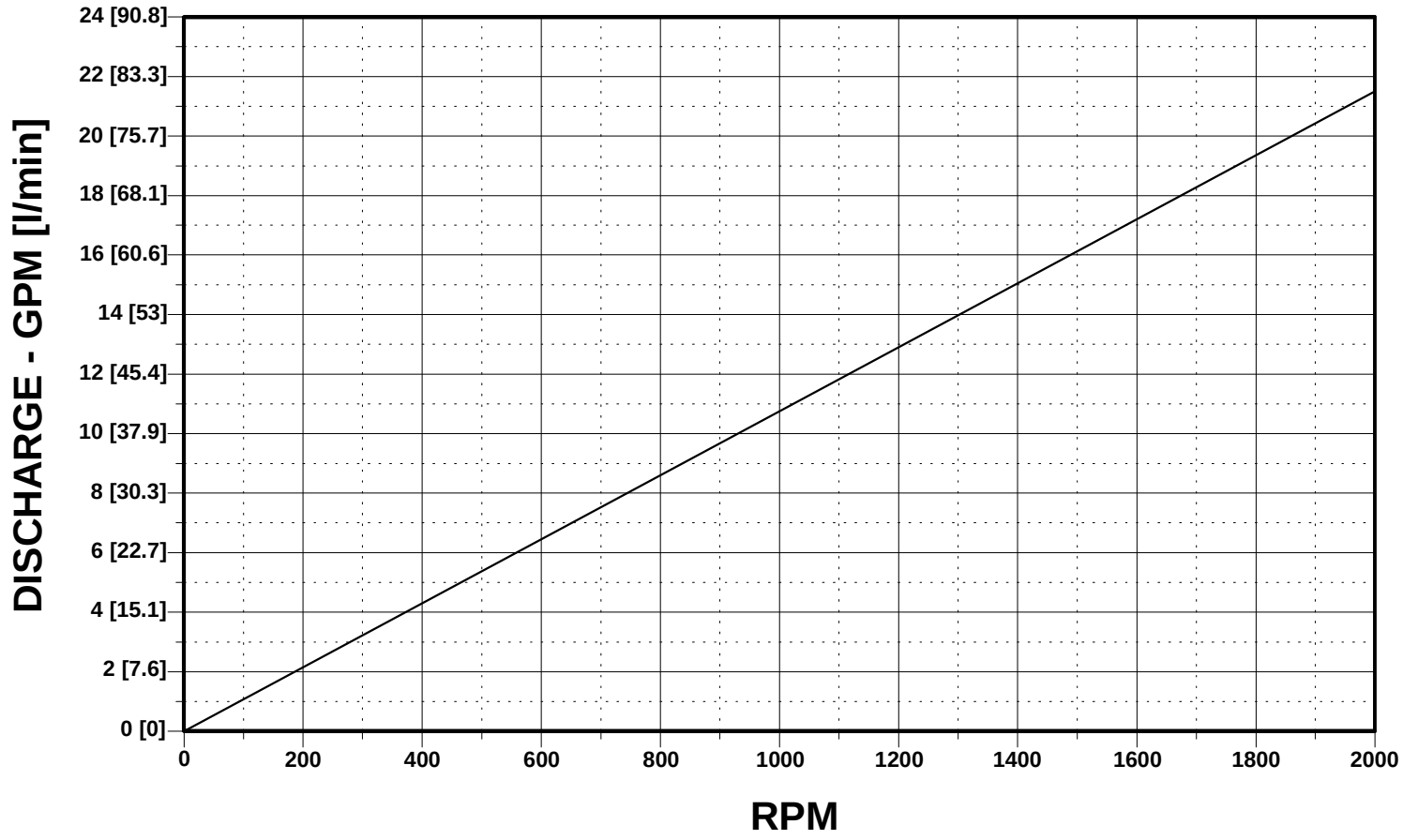


SERIES: F10
(IRON BEARINGS)

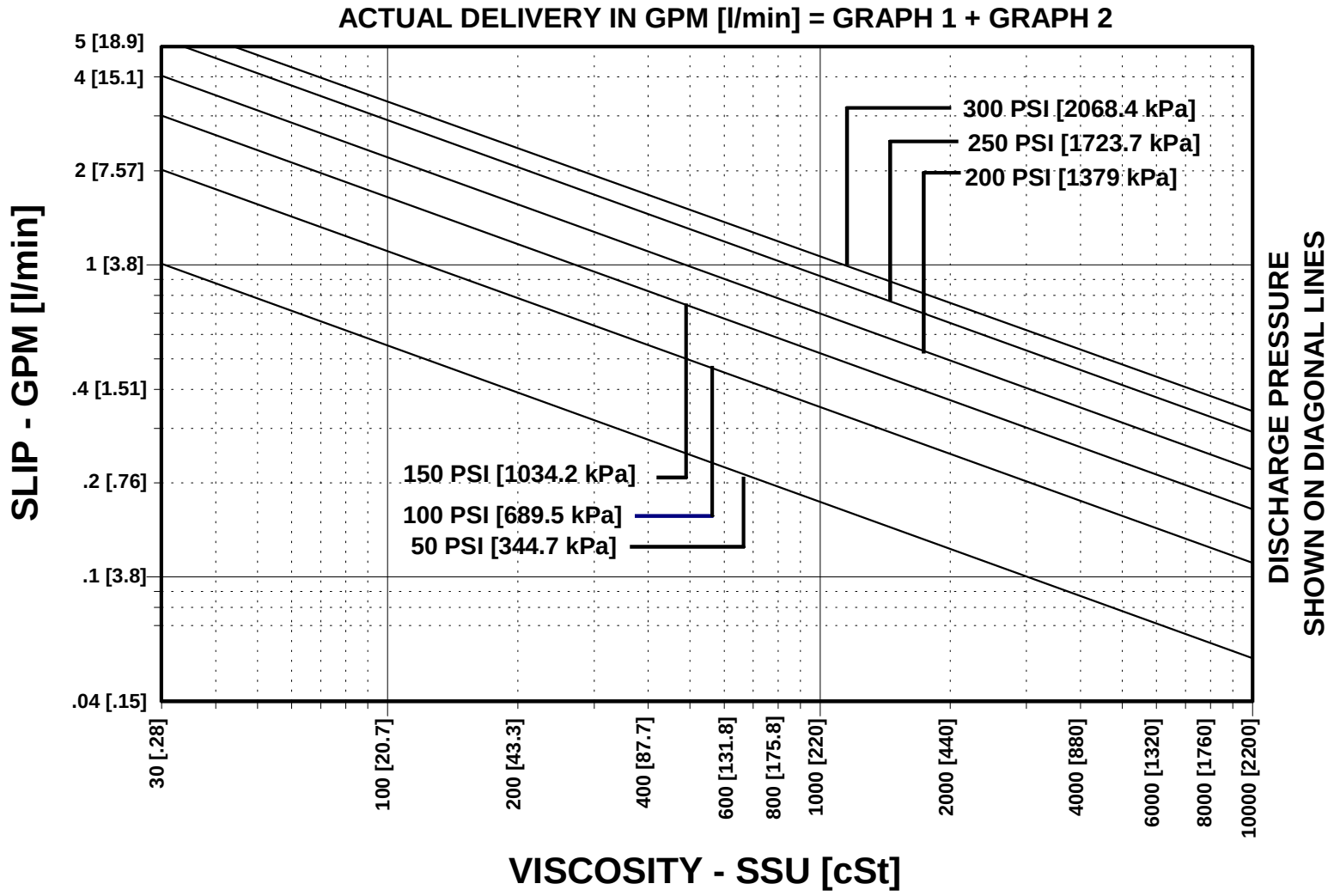


SERIES: F15
GRAPH 1
THEORETICAL GPM

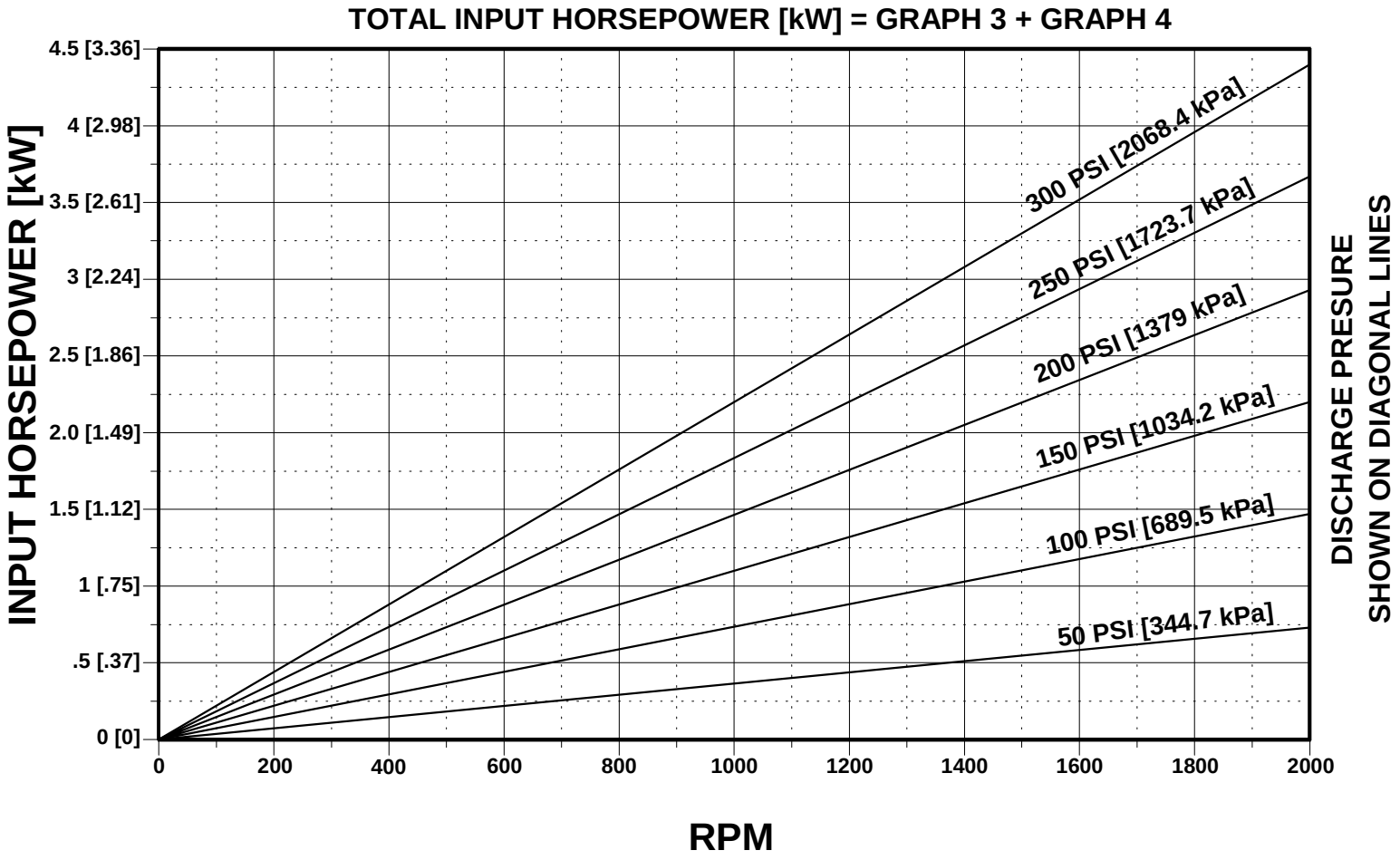
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F15
GRAPH 2
SLIP

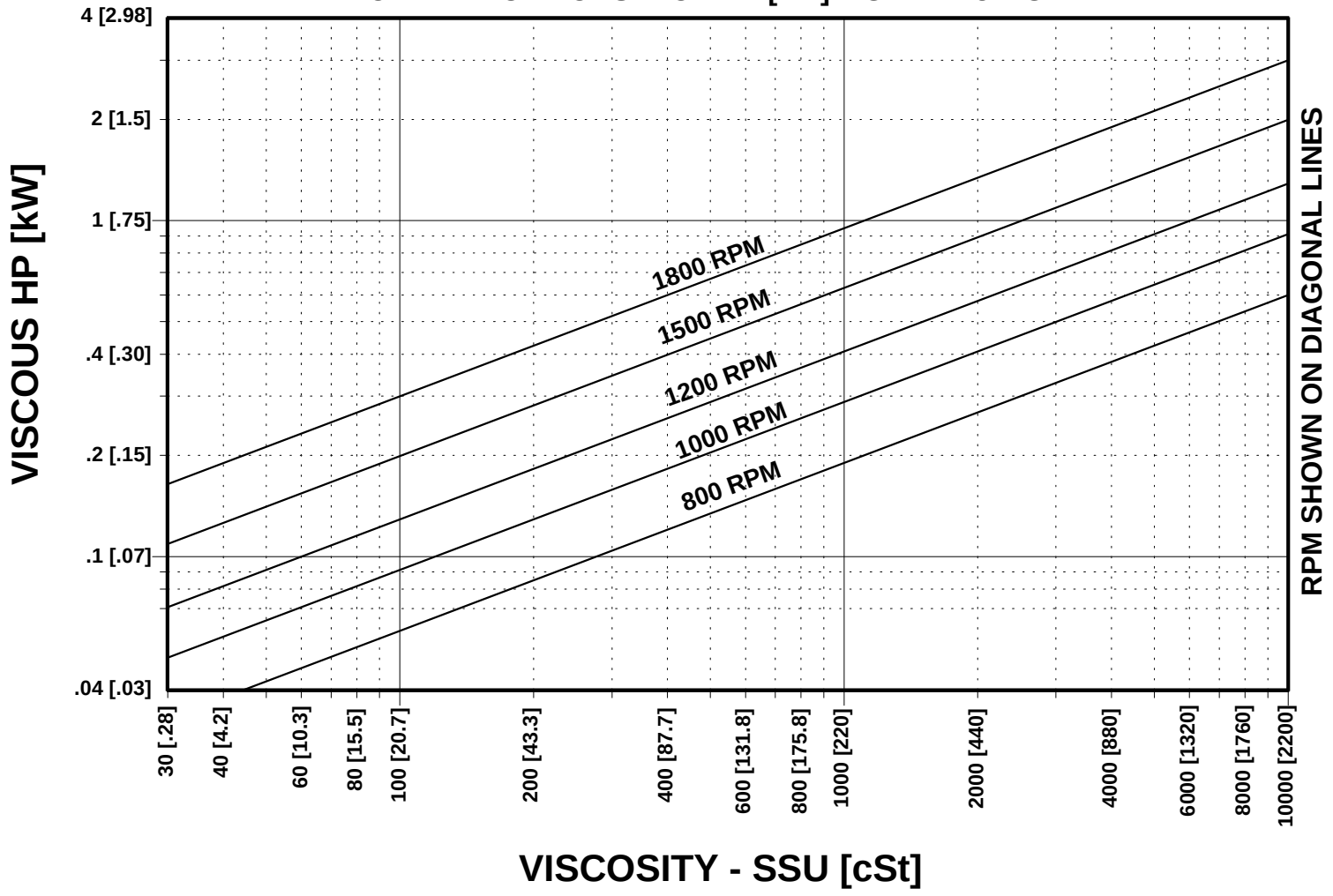


SERIES: F15
GRAPH 3
INPUT HORSEPOWER

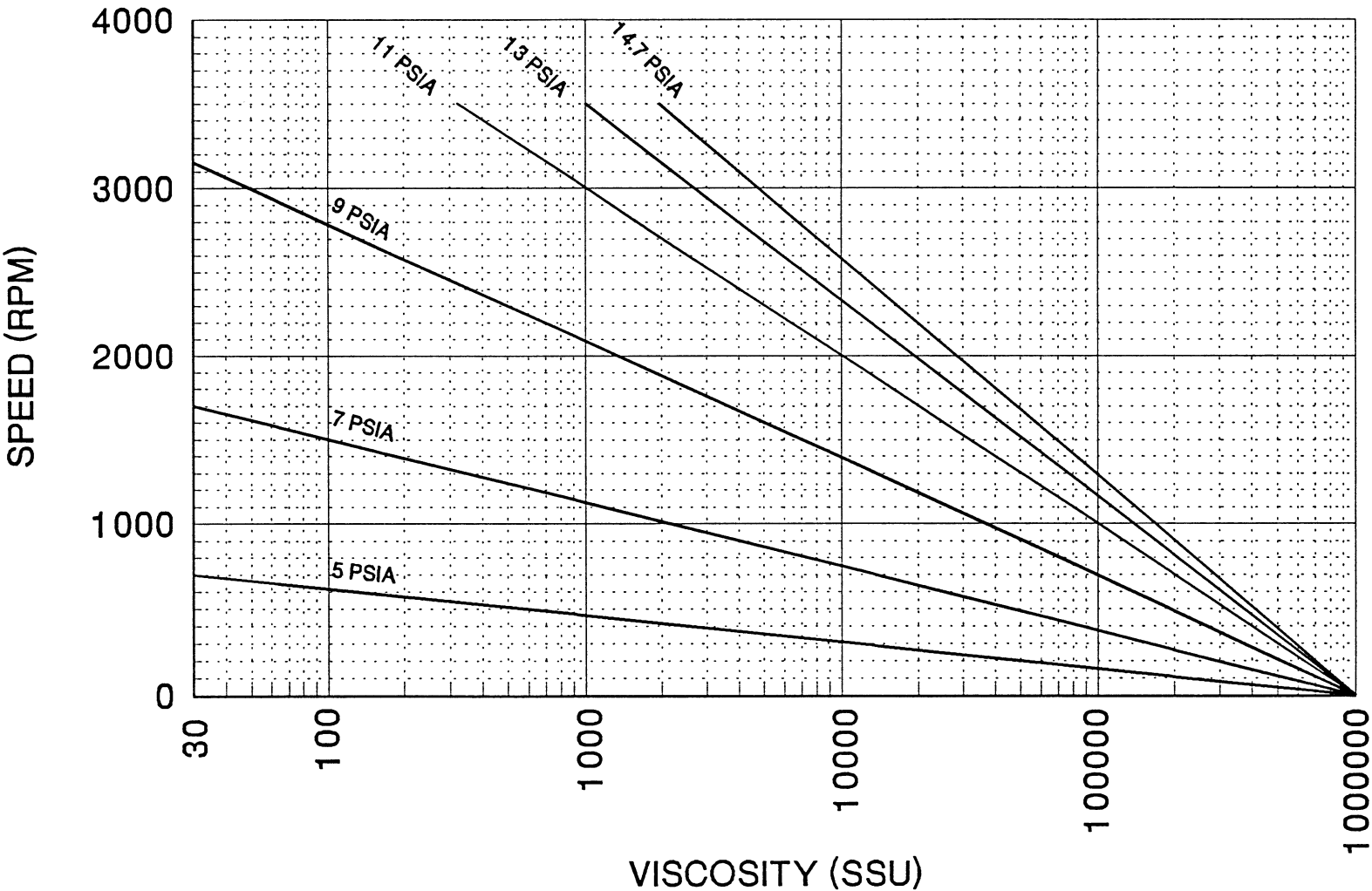


SERIES: F15
GRAPH 4
VISCOUS HORSEPOWER

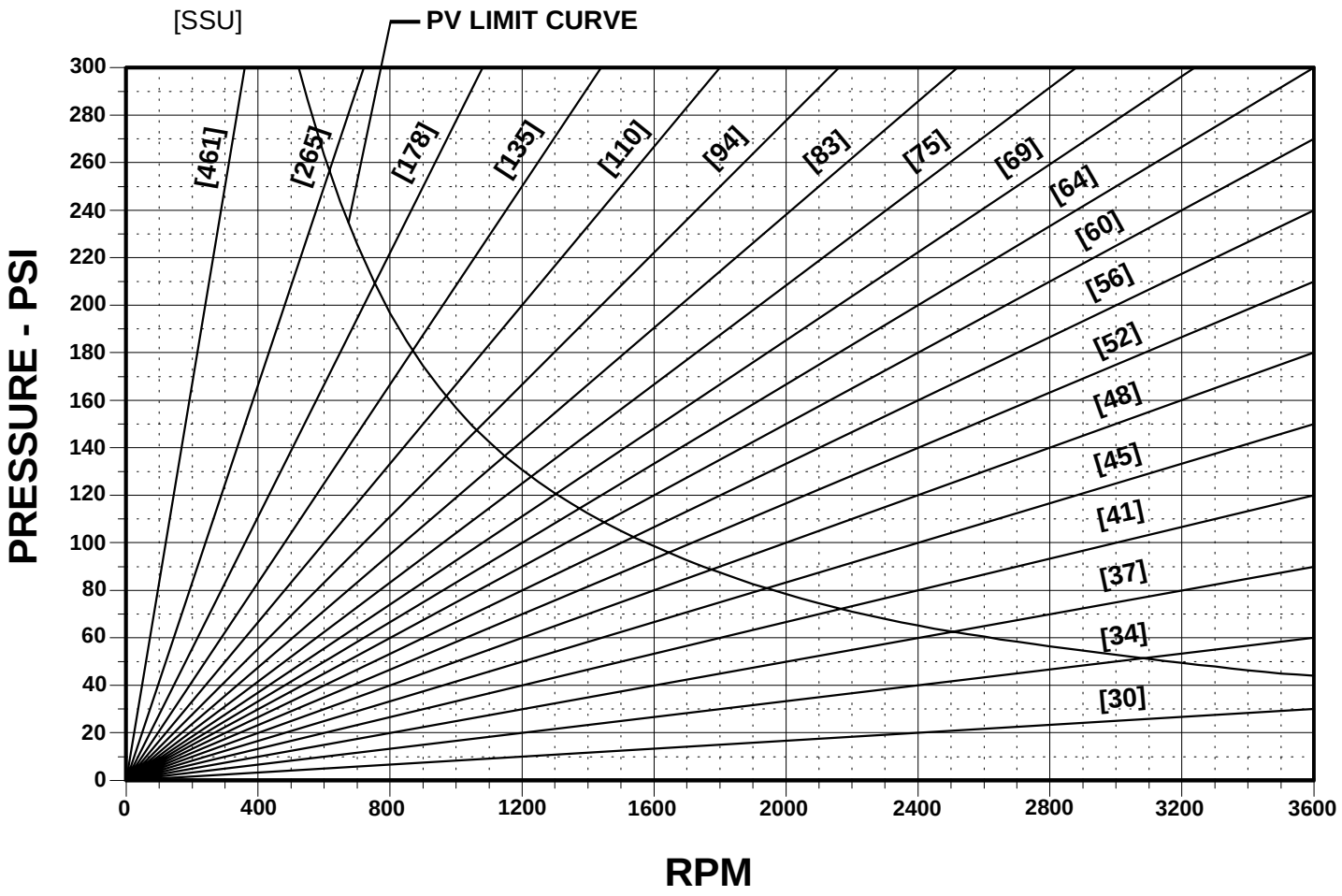
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



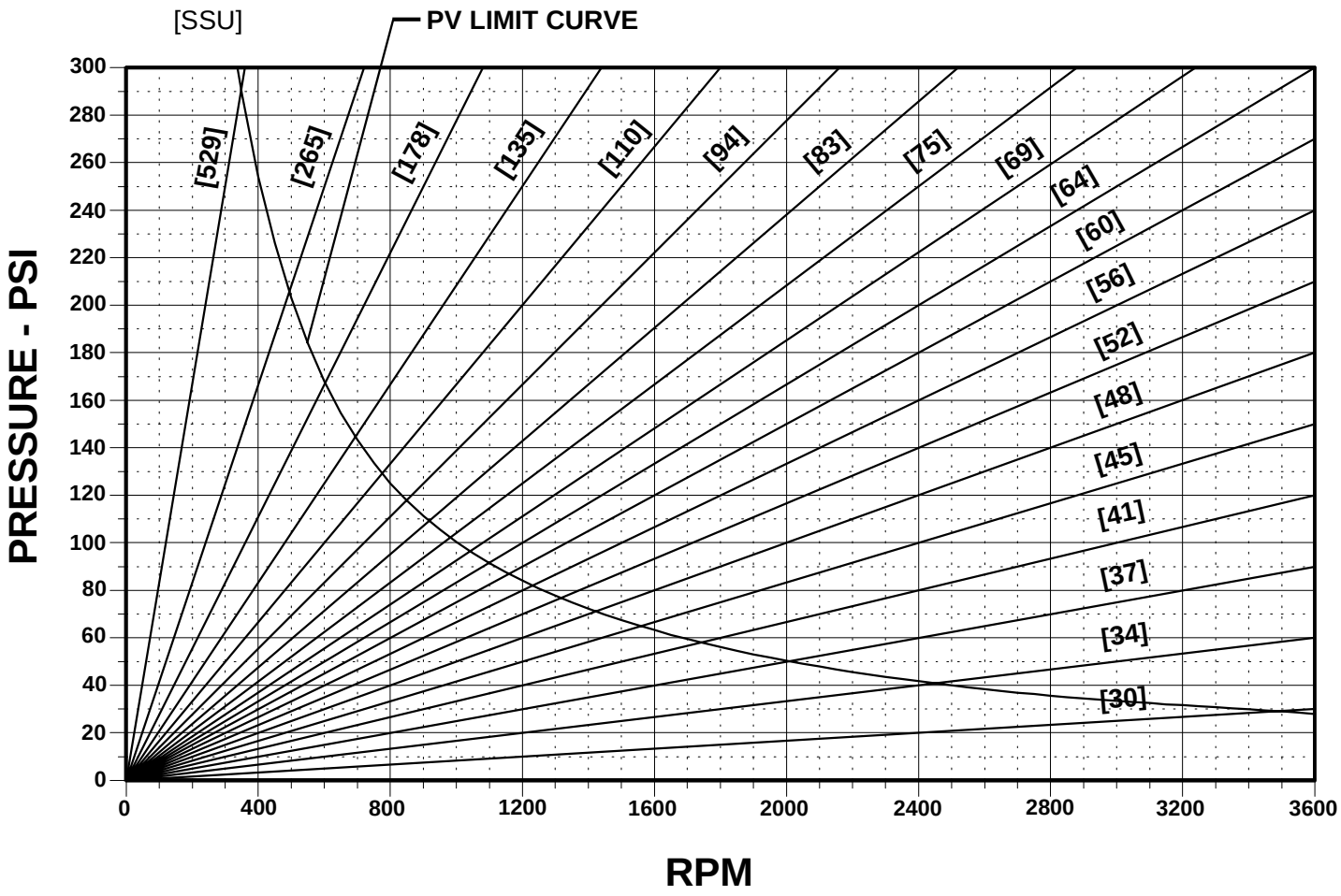
F15
REQUIRED NET INLET PRESSURE



SERIES: F15
(BRONZE BEARINGS)

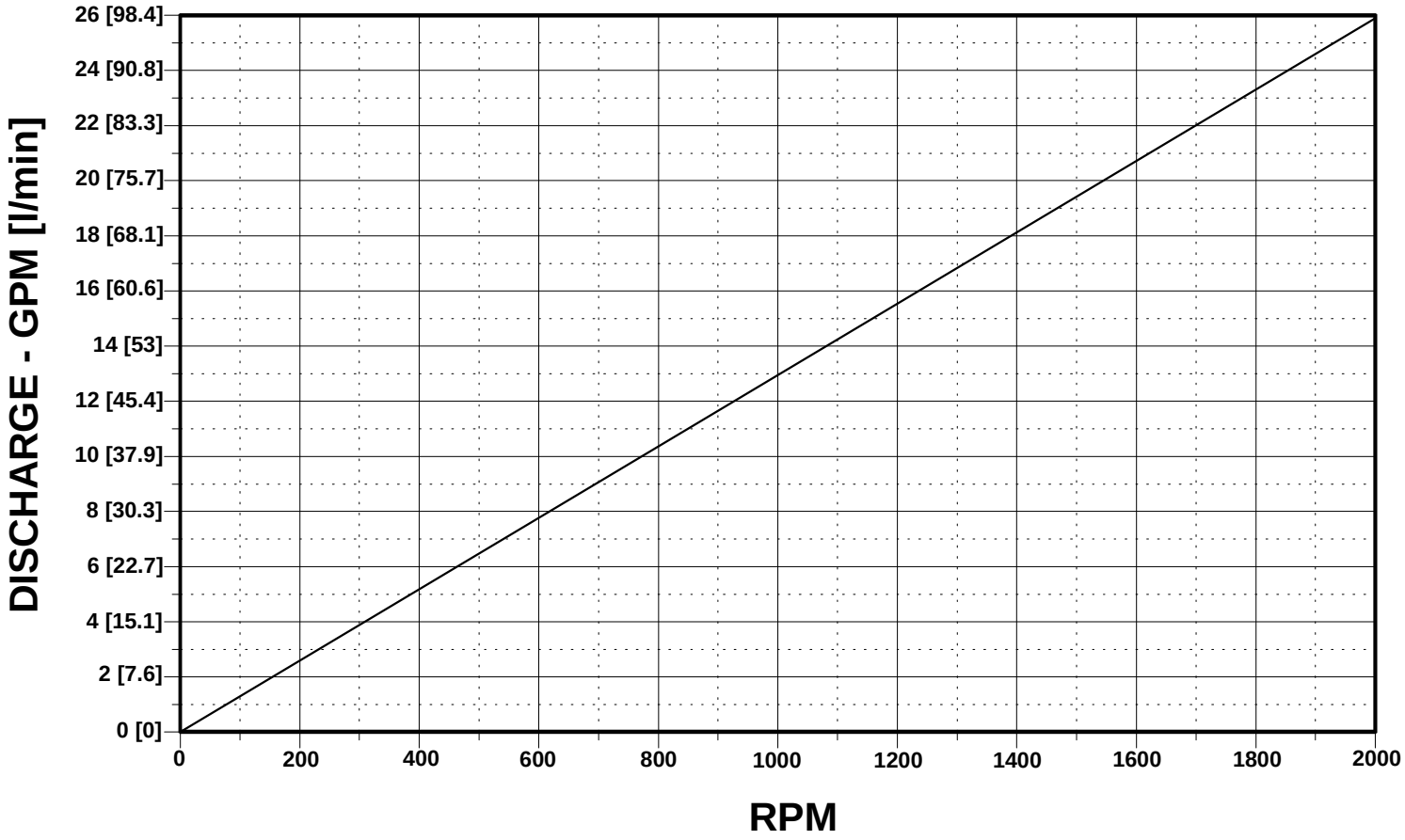


SERIES: F15
(IRON BEARINGS)



SERIES: F20
GRAPH 1
THEORETICAL GPM

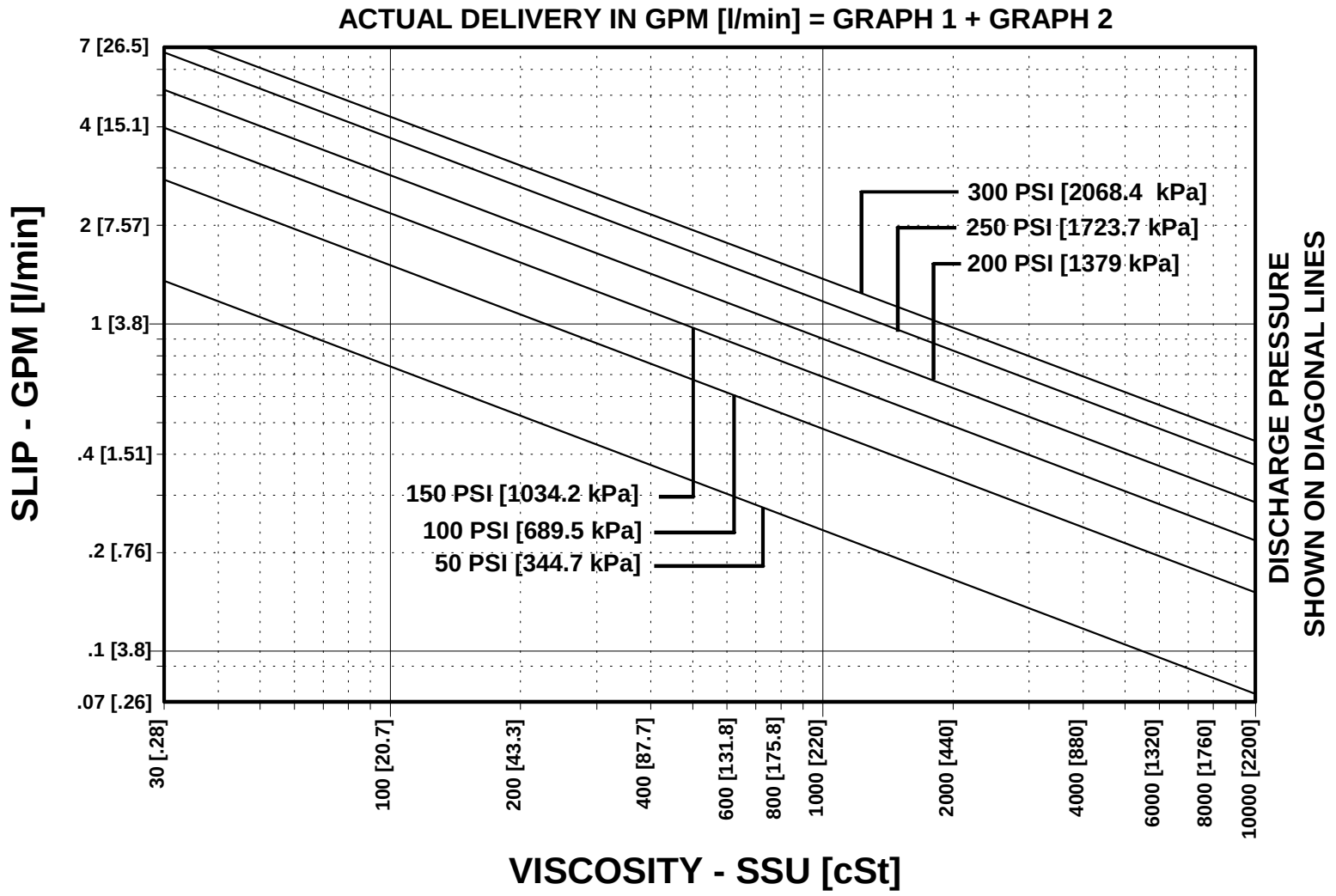
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



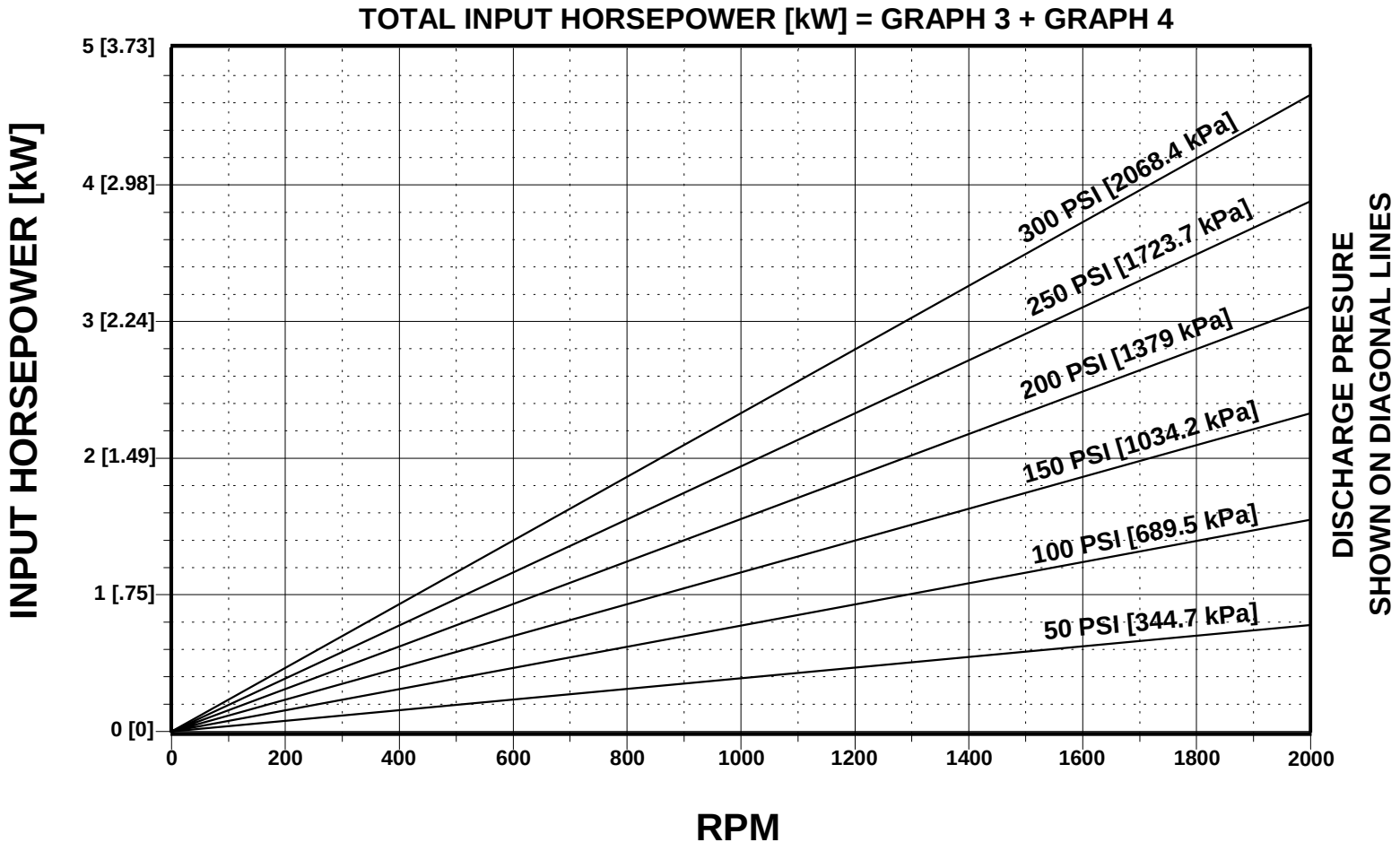
SERIES: F20

GRAPH 2

SLIP

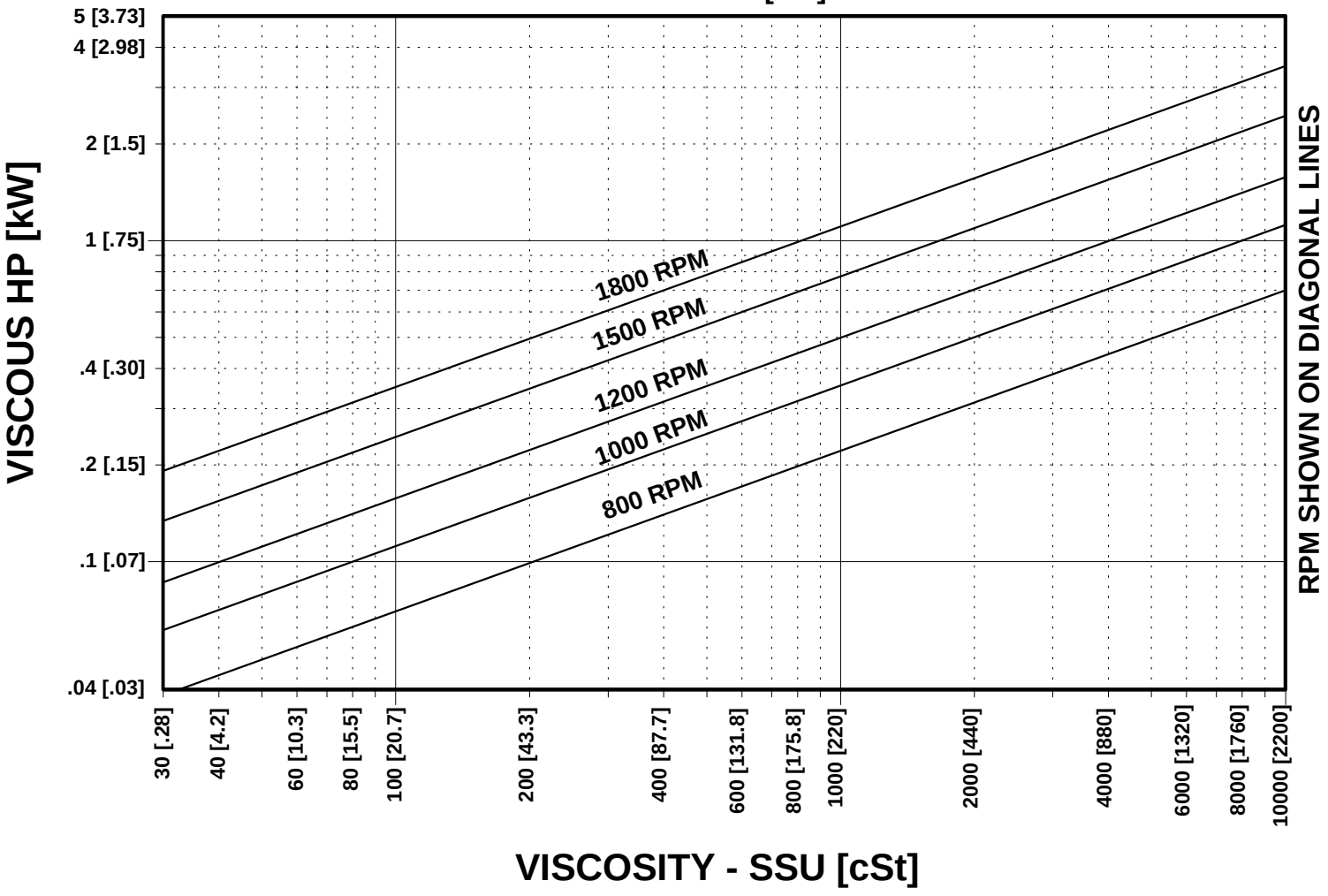


SERIES: F20
GRAPH 3
INPUT HORSEPOWER

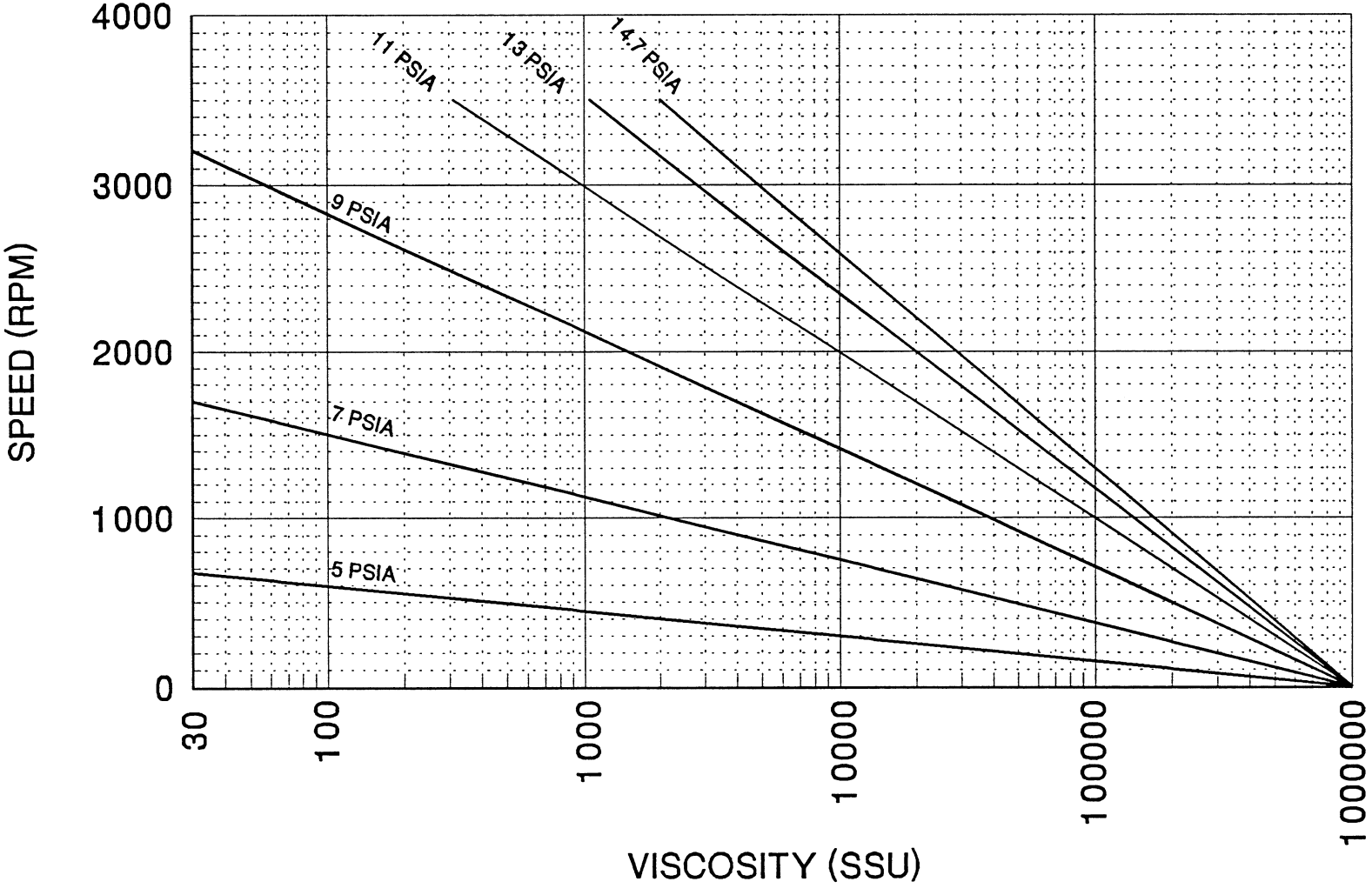


SERIES: F20
GRAPH 4
VISCOUS HORSEPOWER

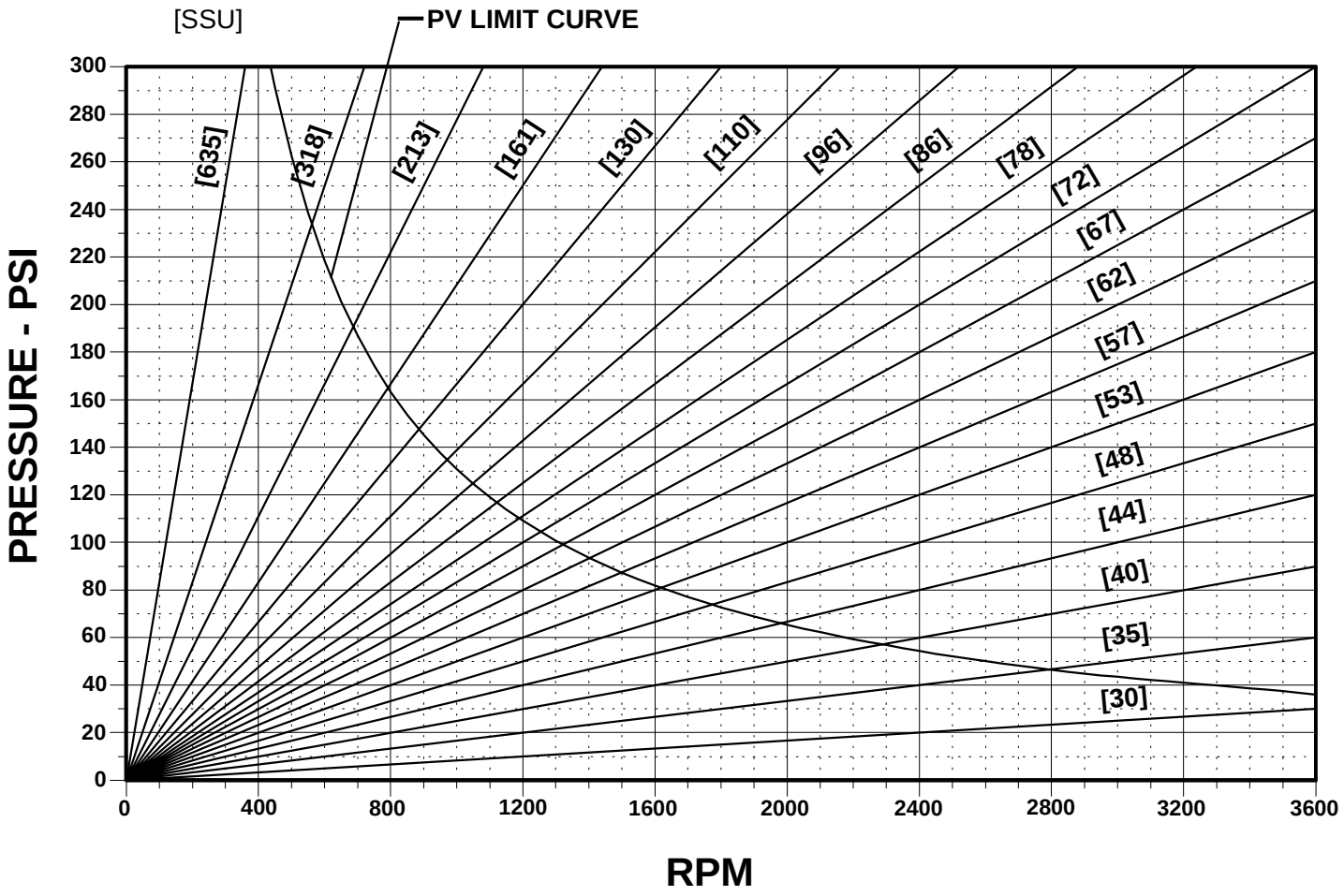
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



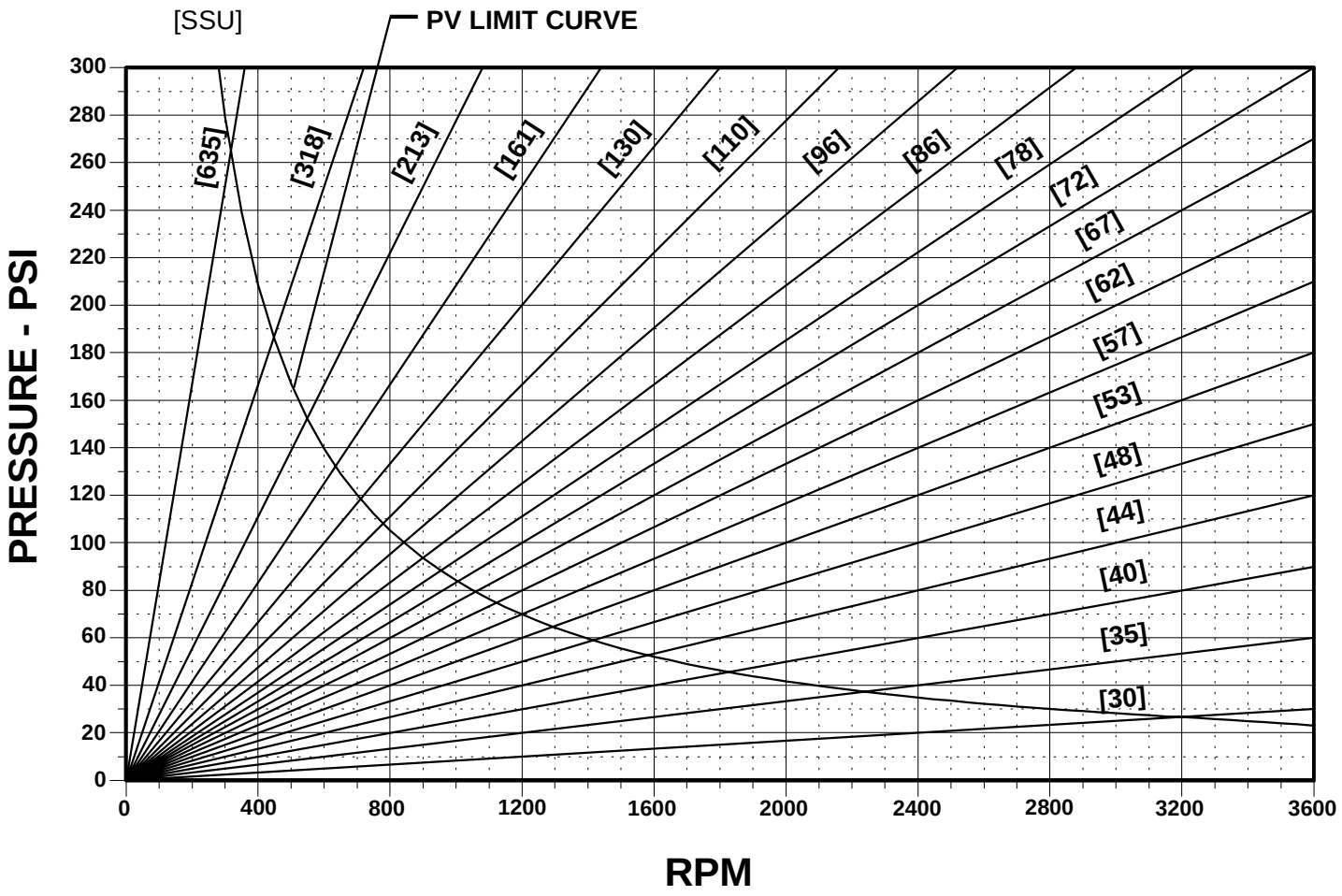
F20
REQUIRED NET INLET PRESSURE



SERIES: F20
(BRONZE BEARINGS)



SERIES: F20
(IRON BEARINGS)

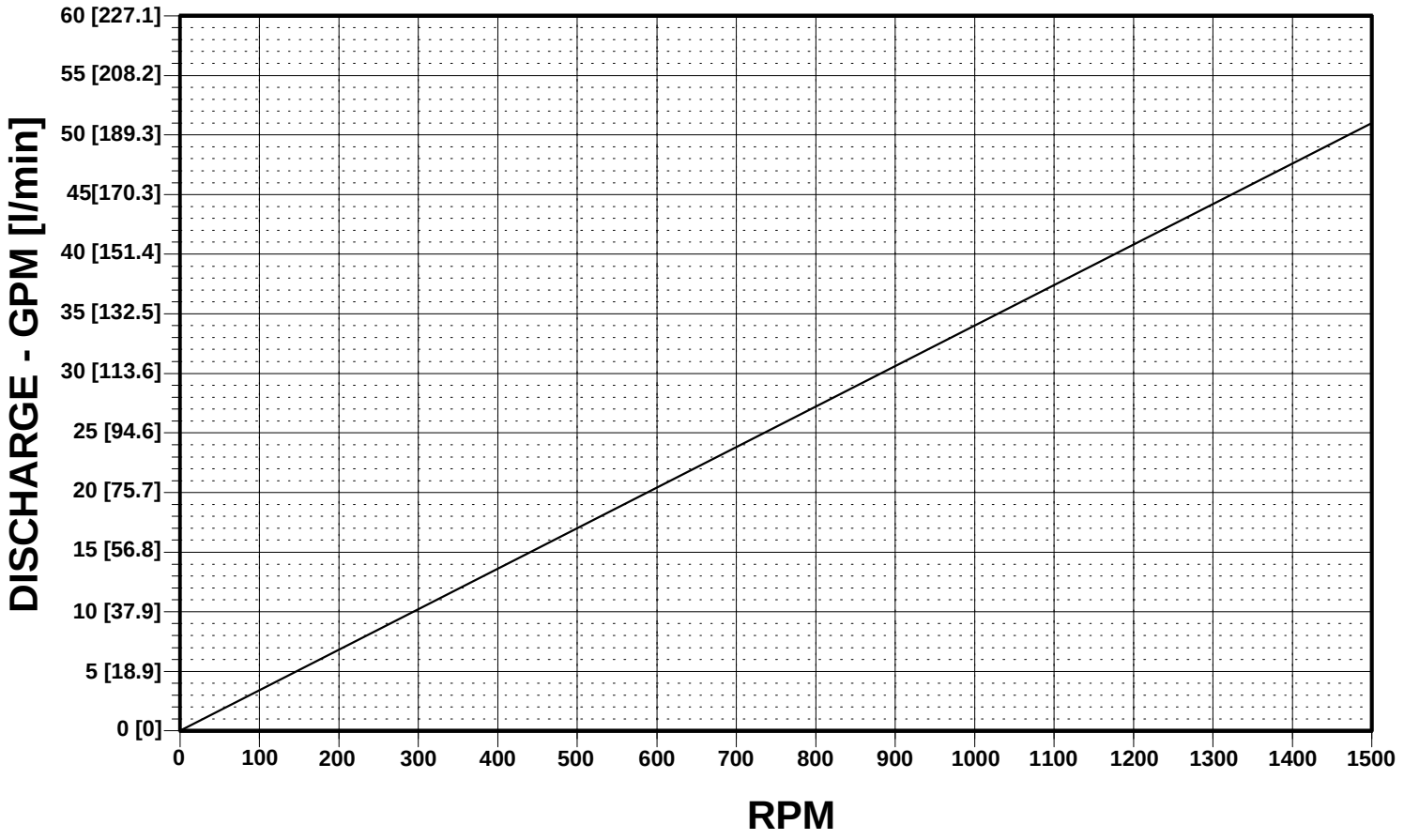


SERIES: F35

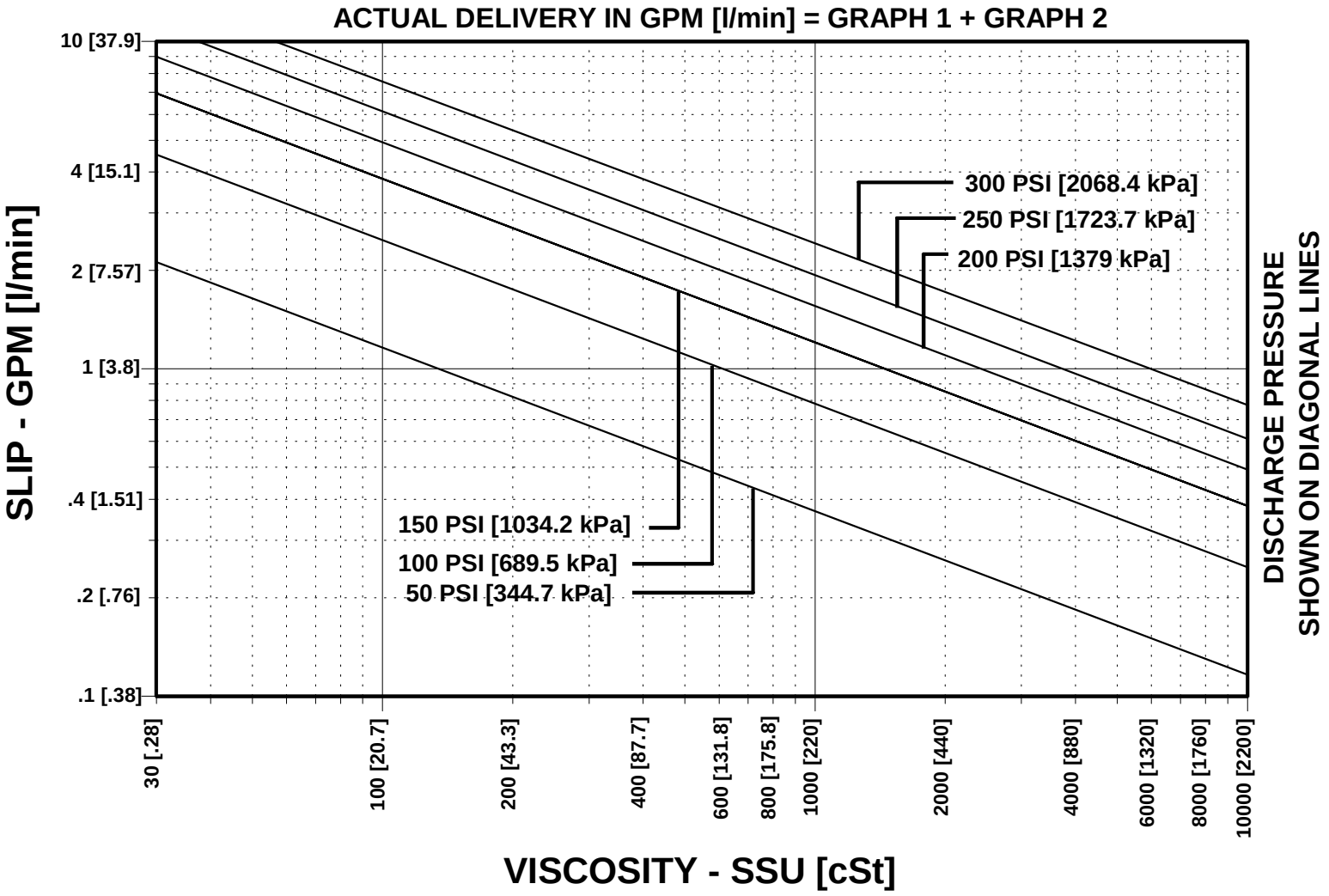
GRAPH 1

THEORETICAL GPM

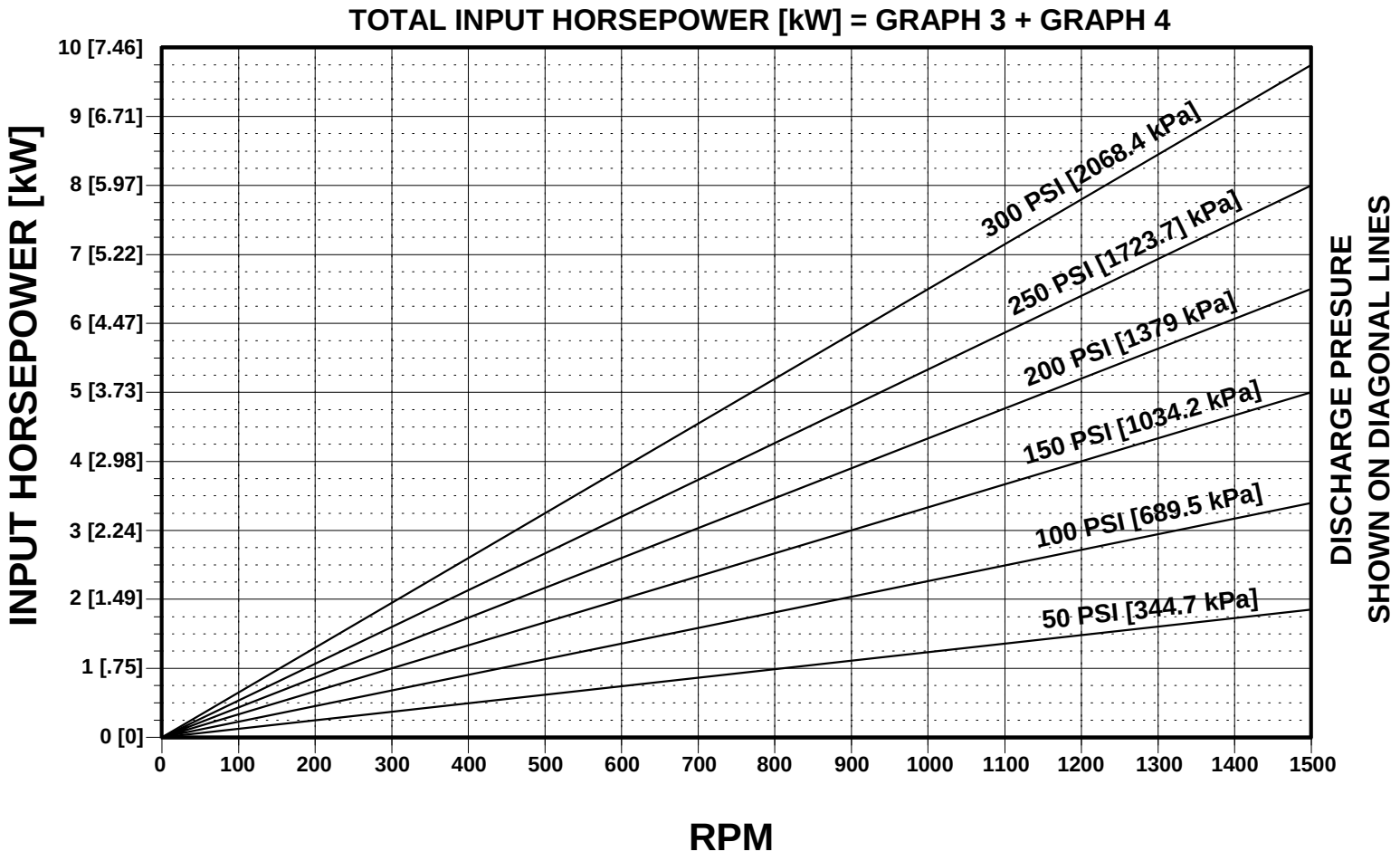
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F35
GRAPH 2
SLIP

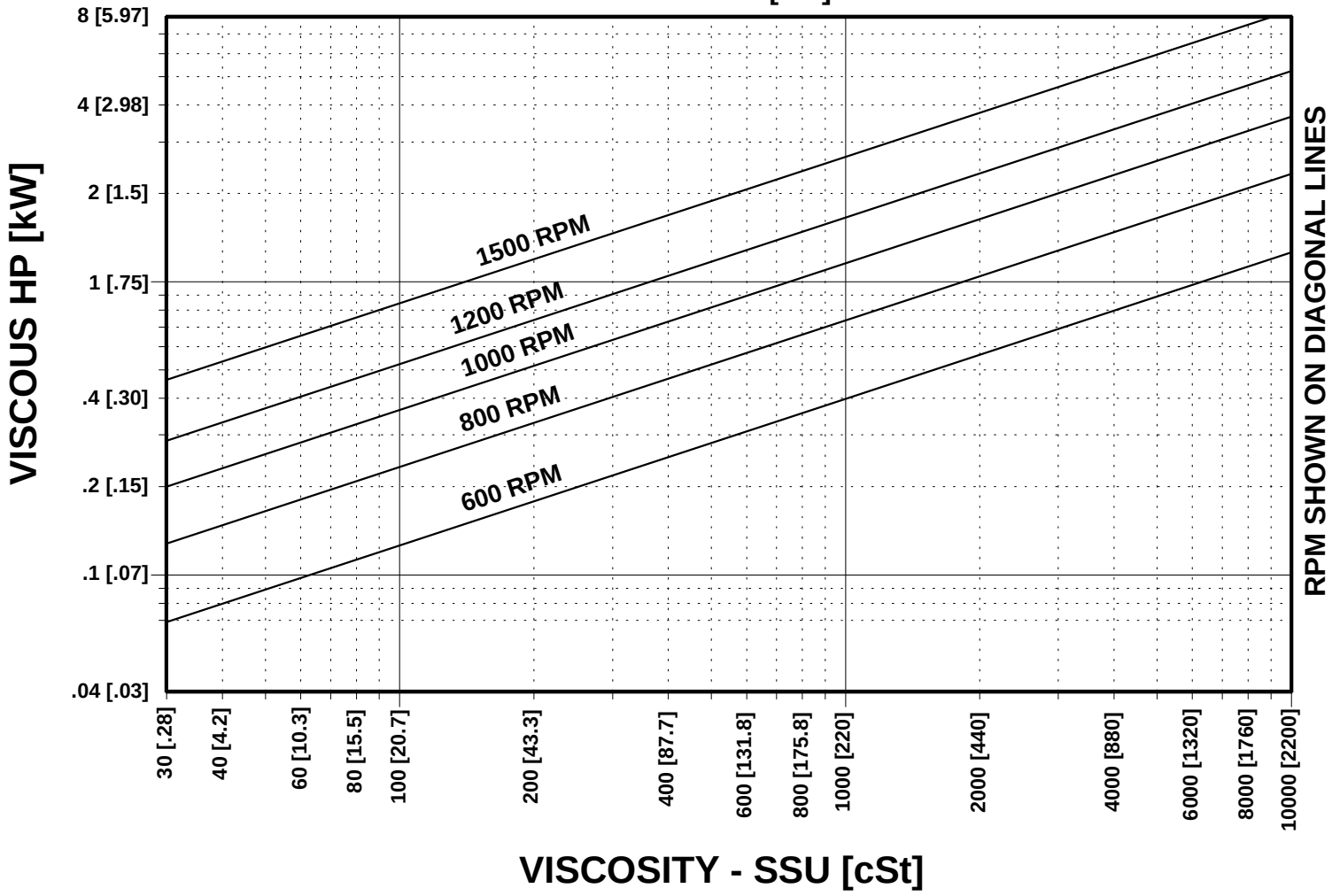


SERIES: F35
GRAPH 3
INPUT HORSEPOWER

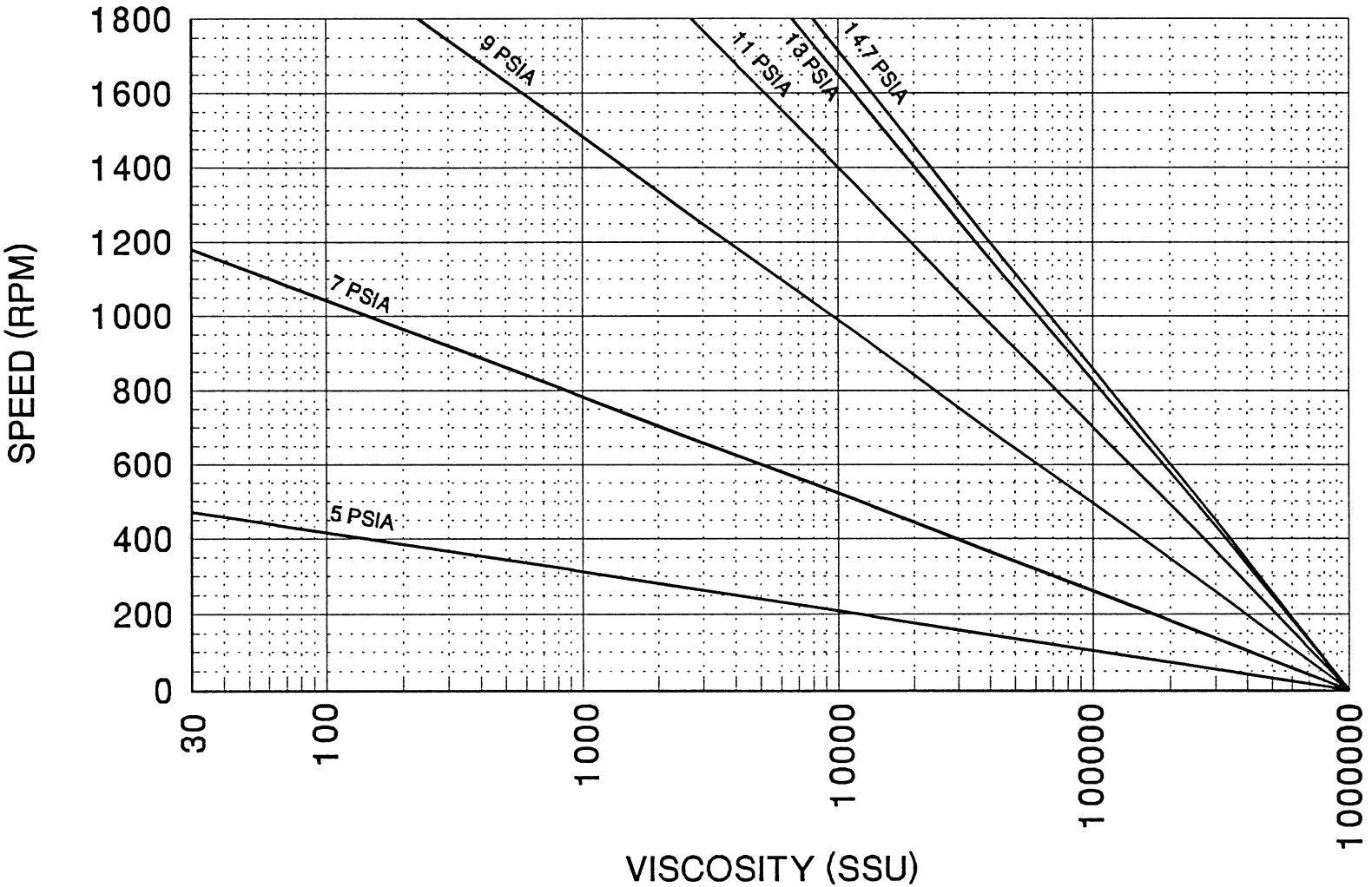


SERIES: F35
GRAPH 4
VISCOUS HORSEPOWER

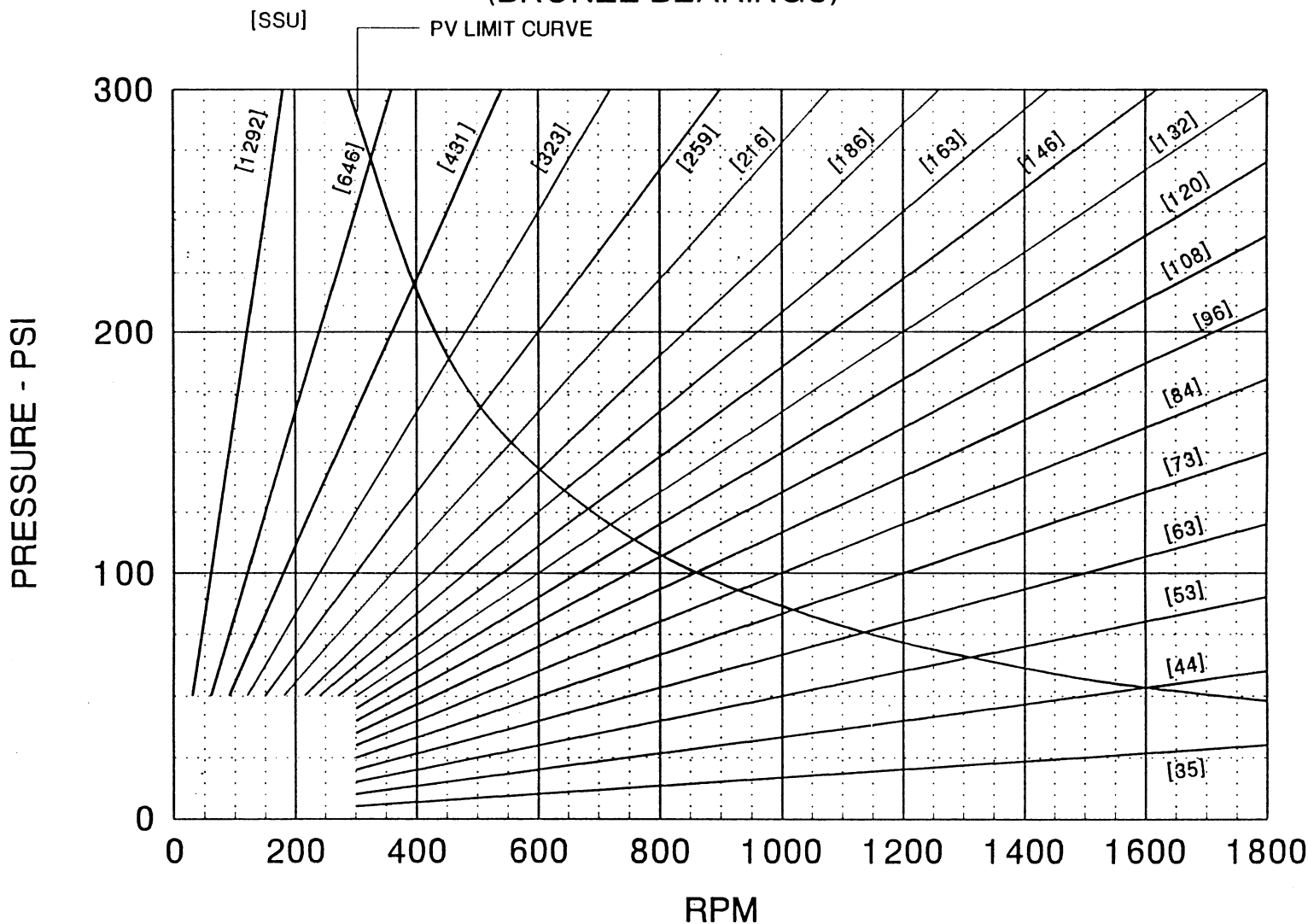
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



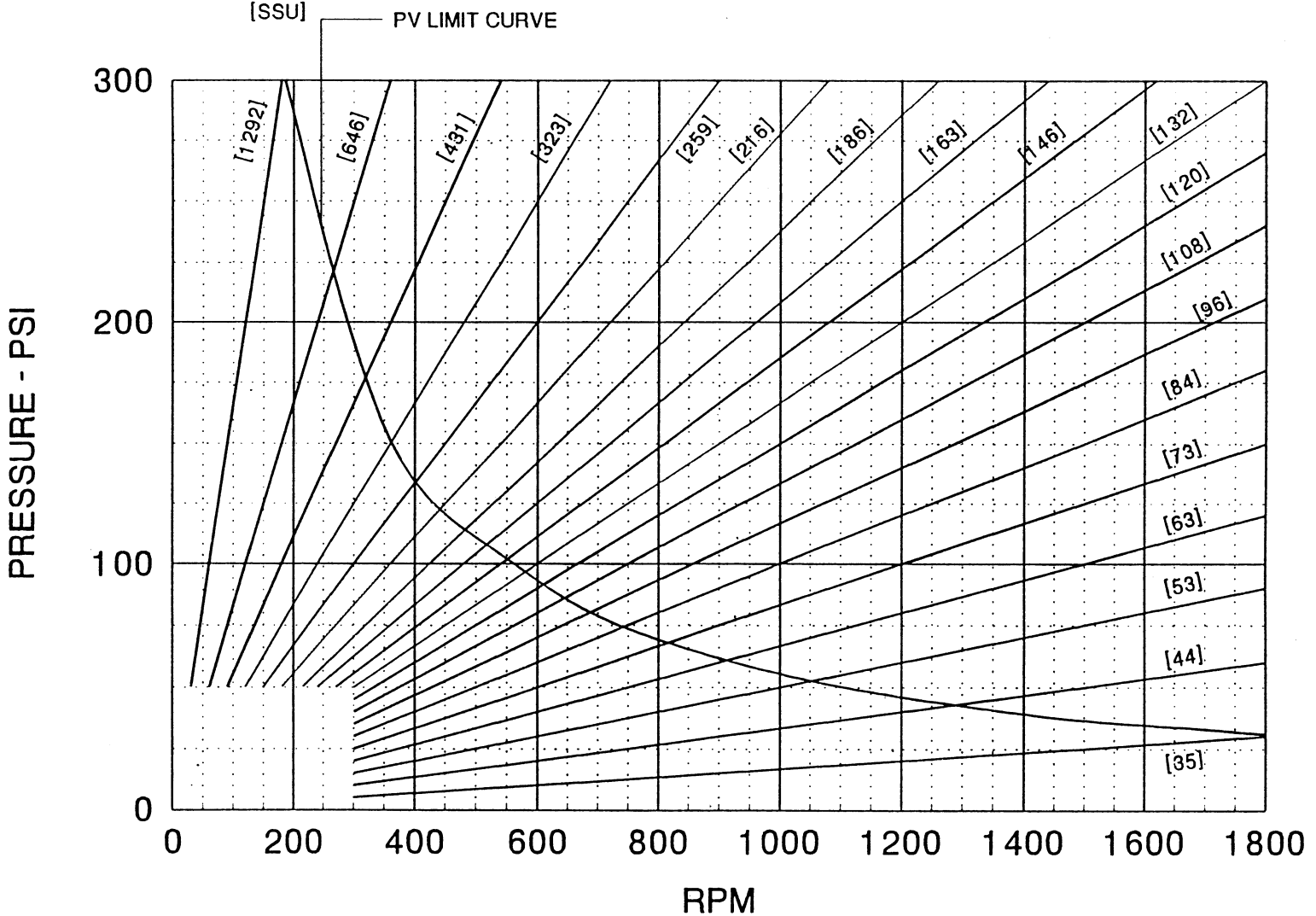
F35
REQUIRED NET INLET PRESSURE



F35 TYPE 27
(BRONZE BEARINGS)



F35 TYPE 27
(IRON BEARINGS)

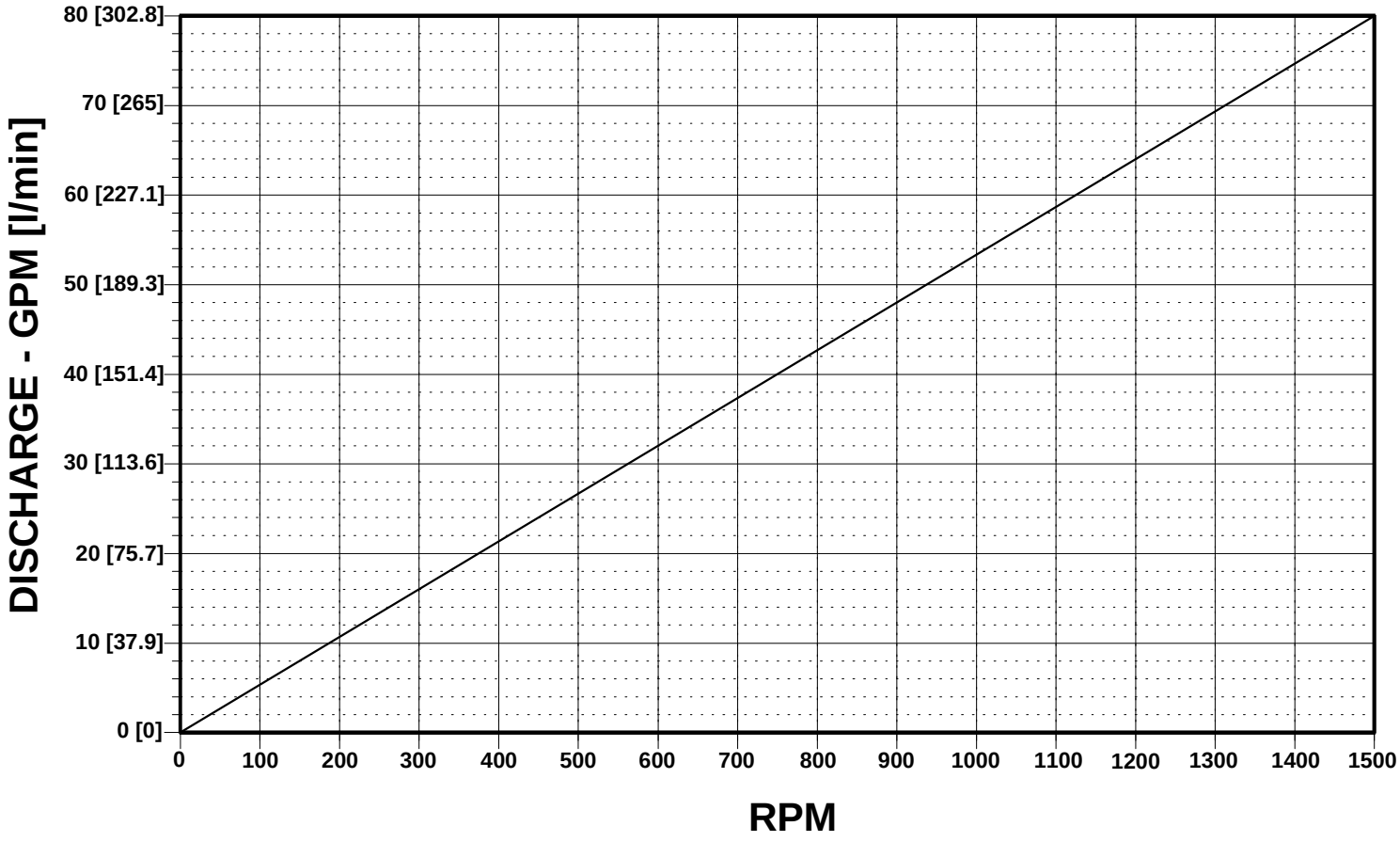


SERIES: F50

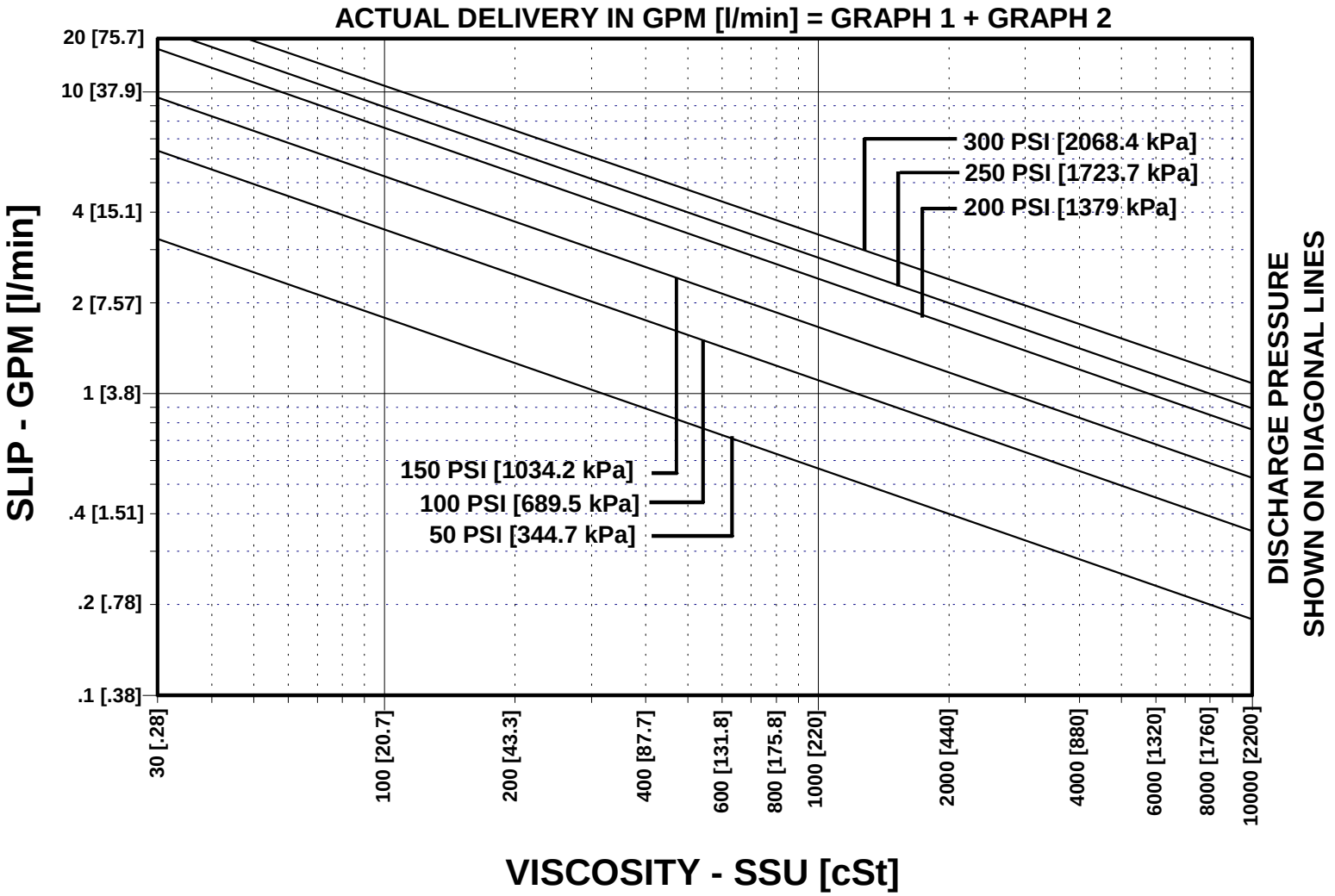
GRAPH 1

THEORETICAL GPM

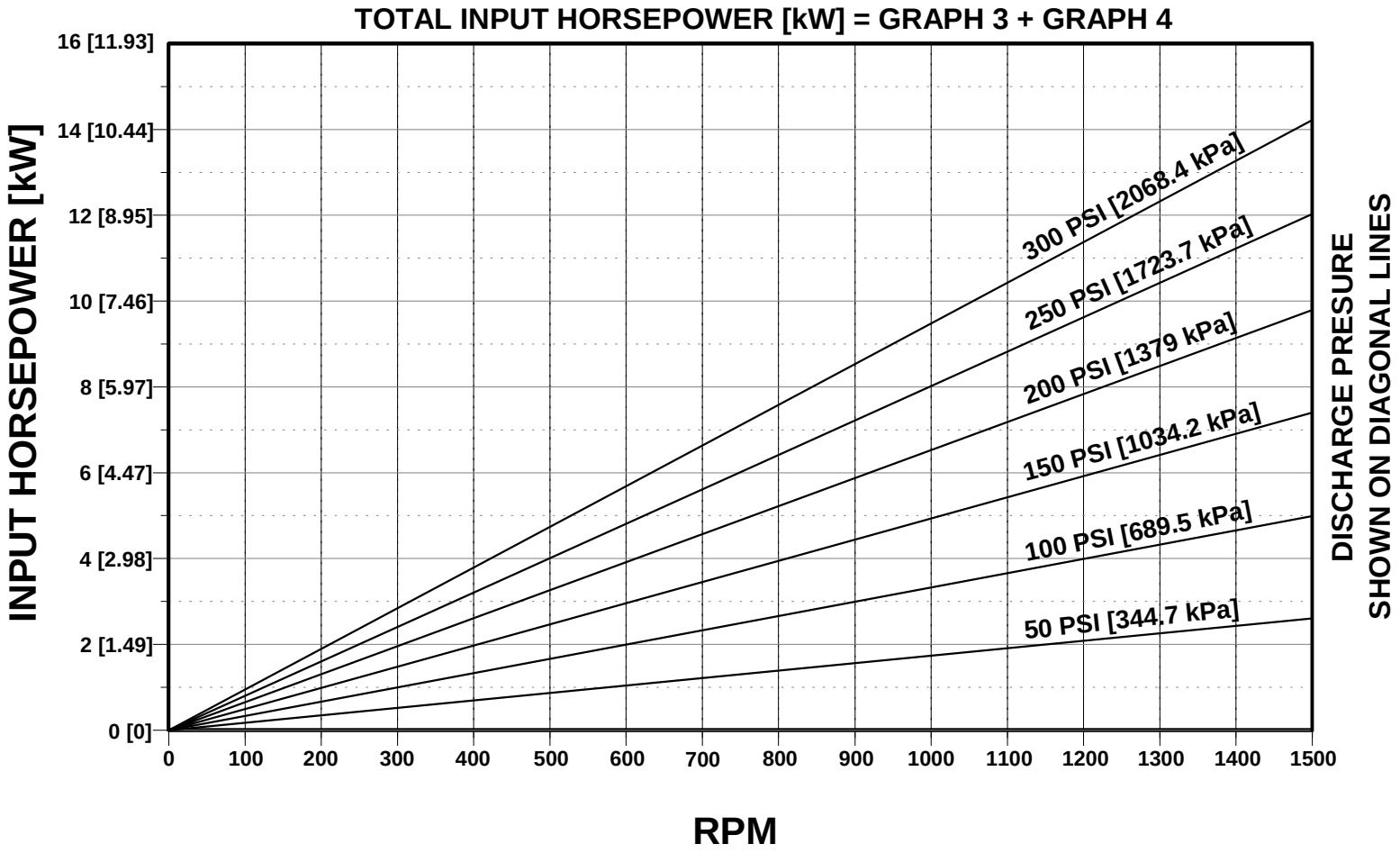
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



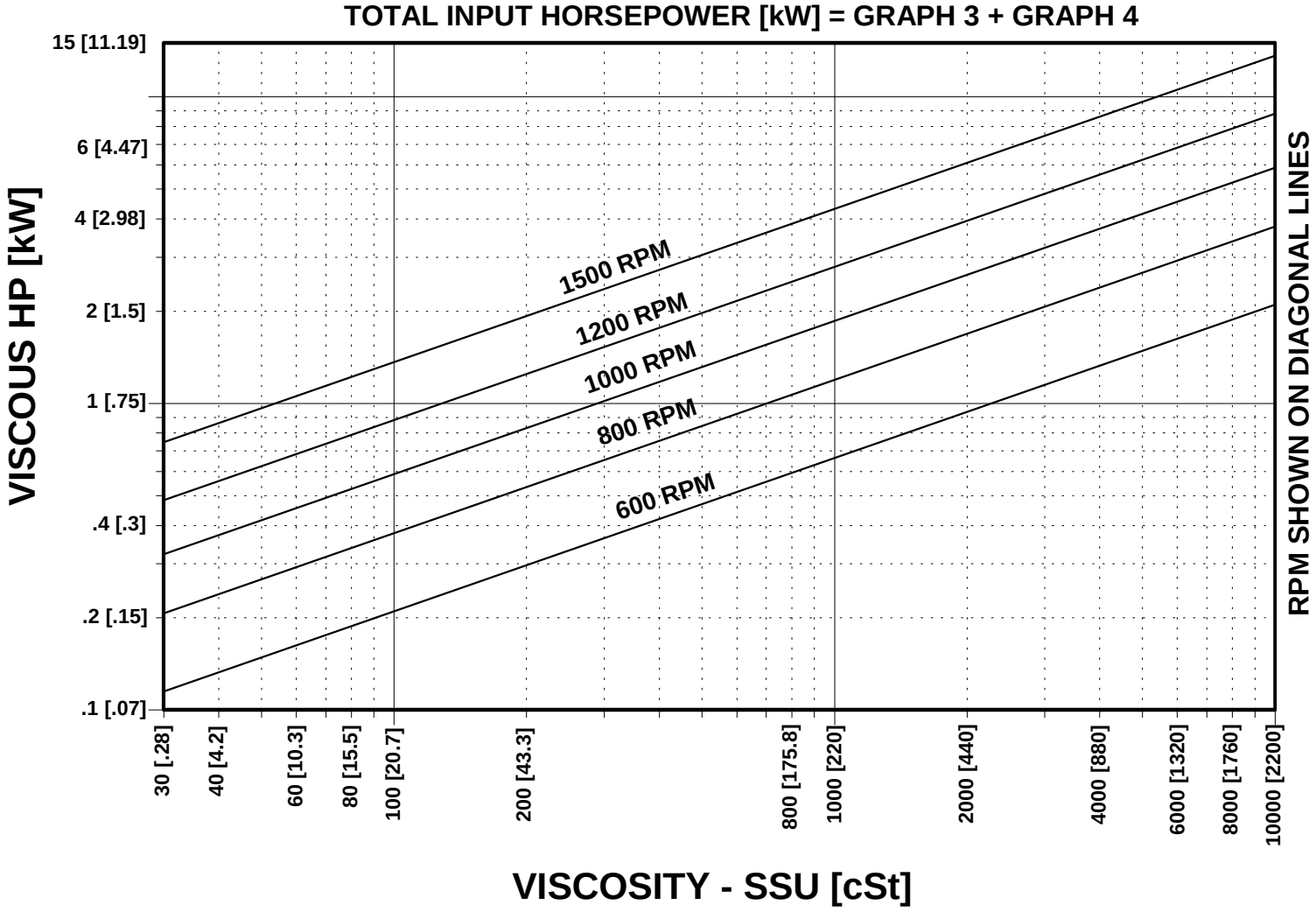
SERIES: F50
GRAPH 2
SLIP



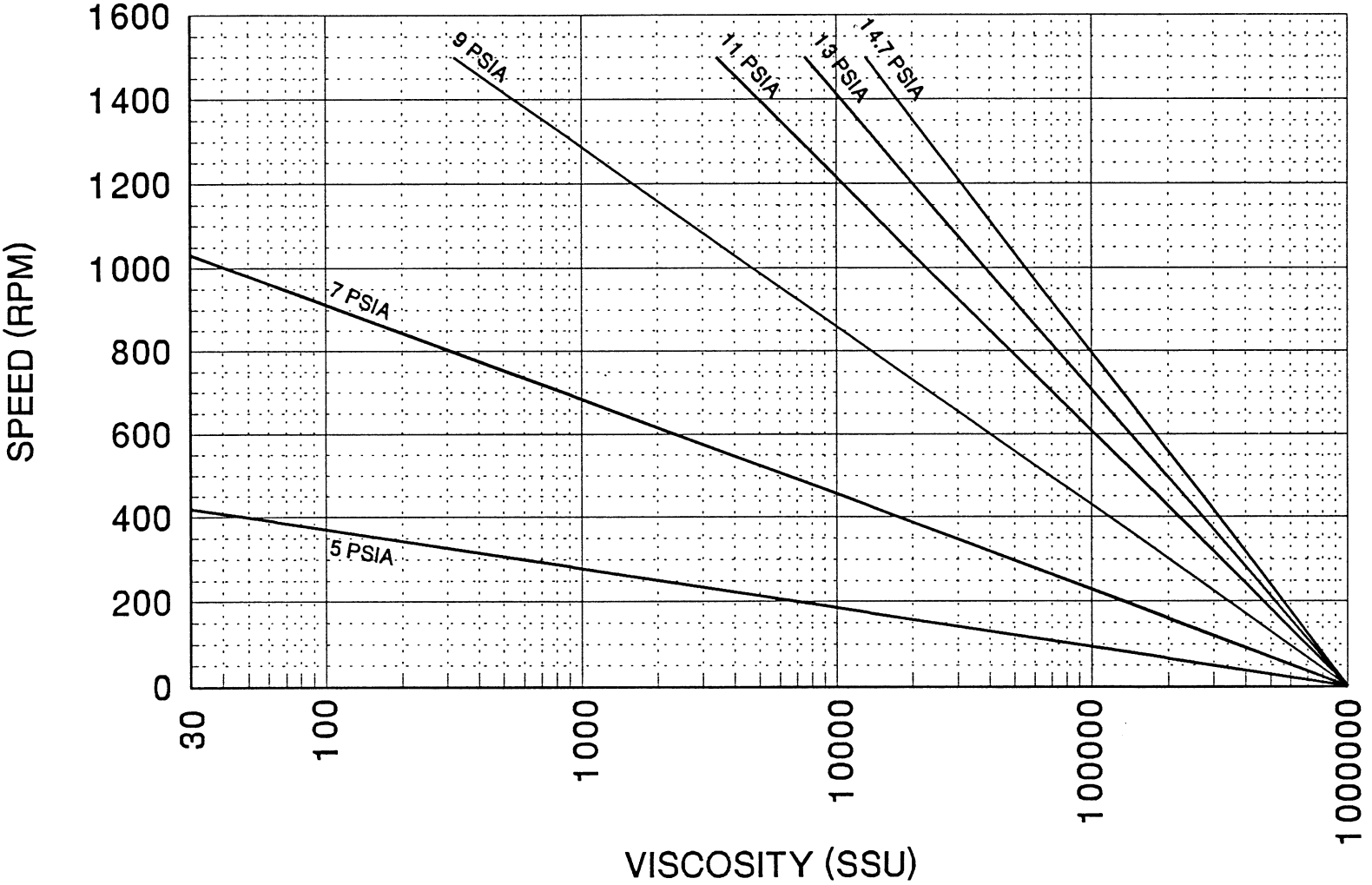
SERIES: F50
GRAPH 3
INPUT HORSEPOWER

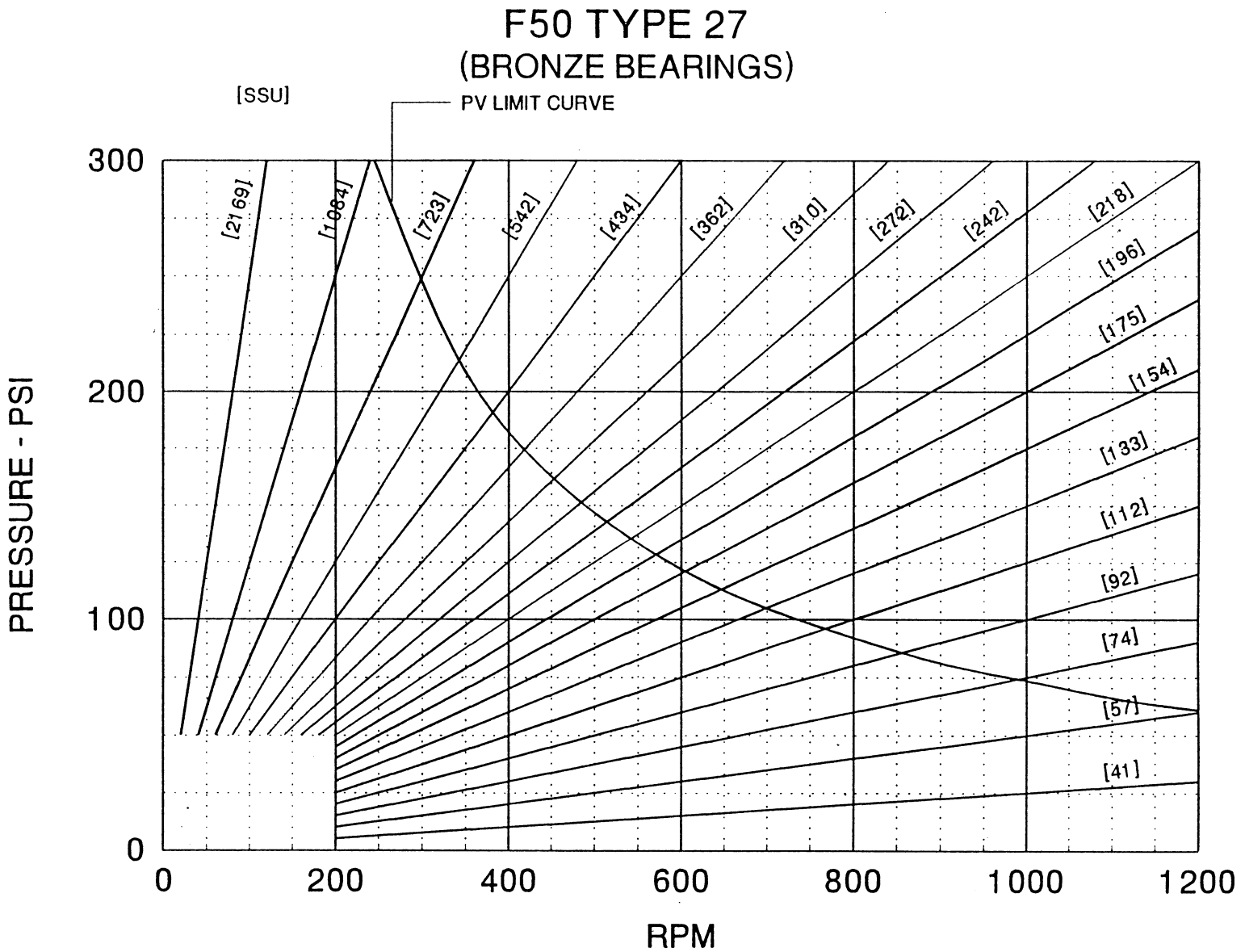


SERIES: F50
GRAPH 4
VISCOUS HORSEPOWER

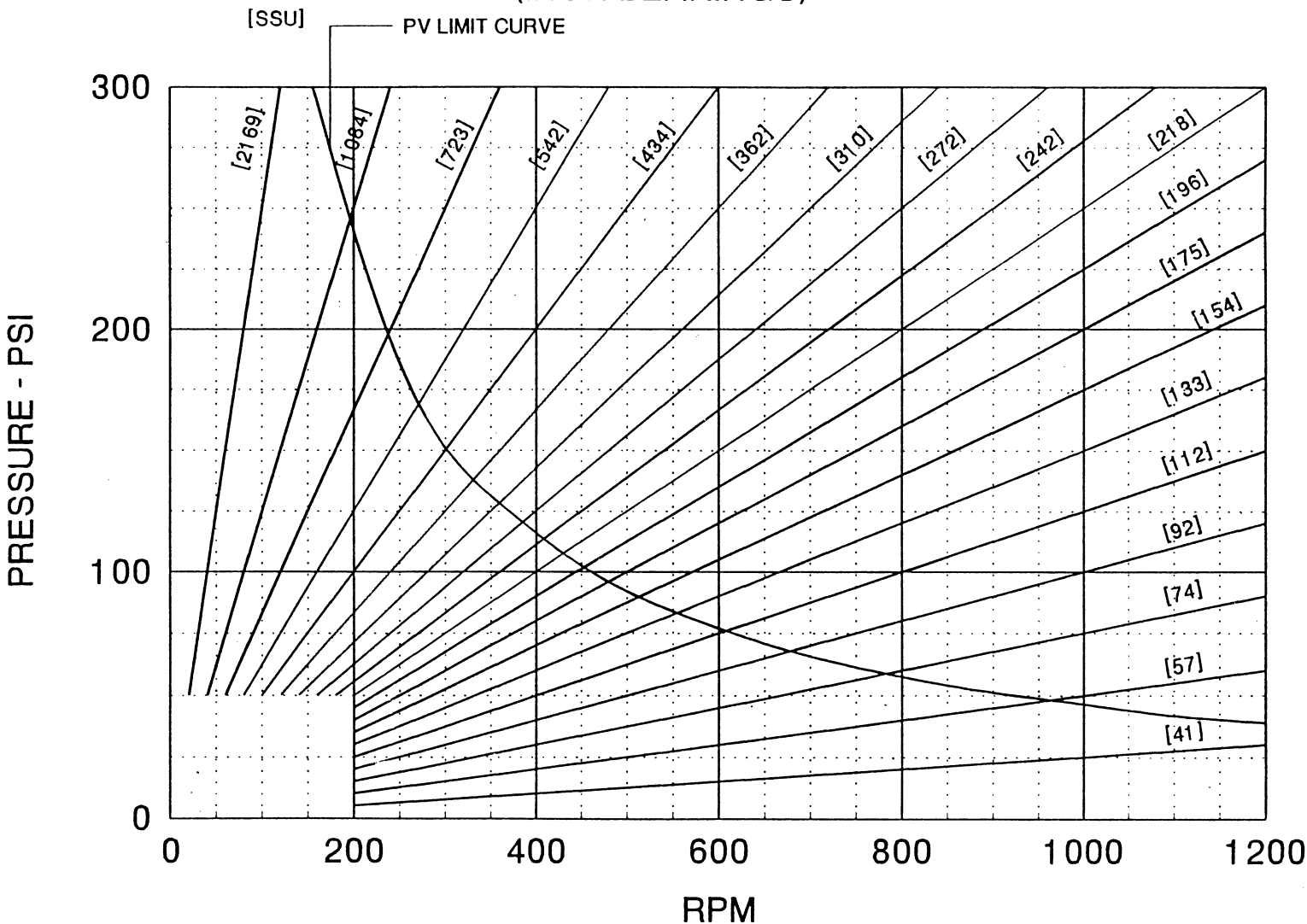


F50
REQUIRED NET INLET PRESSURE




F50 TYPE 27
(BRONZE BEARINGS)
[SSU]
PV LIMIT CURVE
[2169]
[1084]
[723]
[542]
[434]
[362]
[310]
[272]
[242]
[218]
[196]
[175]
[154]
[133]
[112]
[92]
[74]
[57]
[41]
300
200
100
0
PRESSURE - PSI
0
200
400
600
800
1000
1200
RPM

F50 TYPE 27
(IRON BEARINGS)

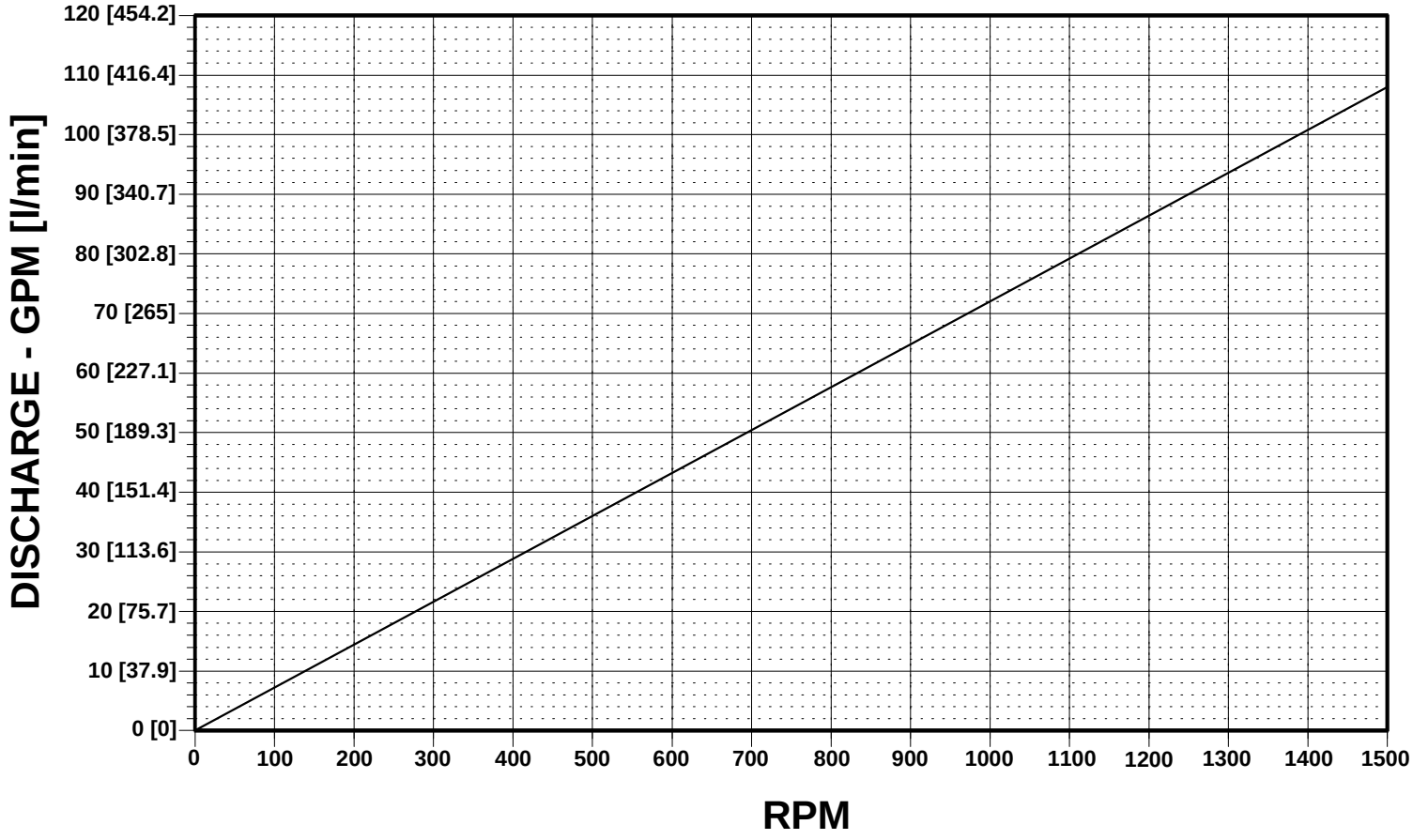


SERIES: F75

GRAPH 1

THEORETICAL GPM

ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



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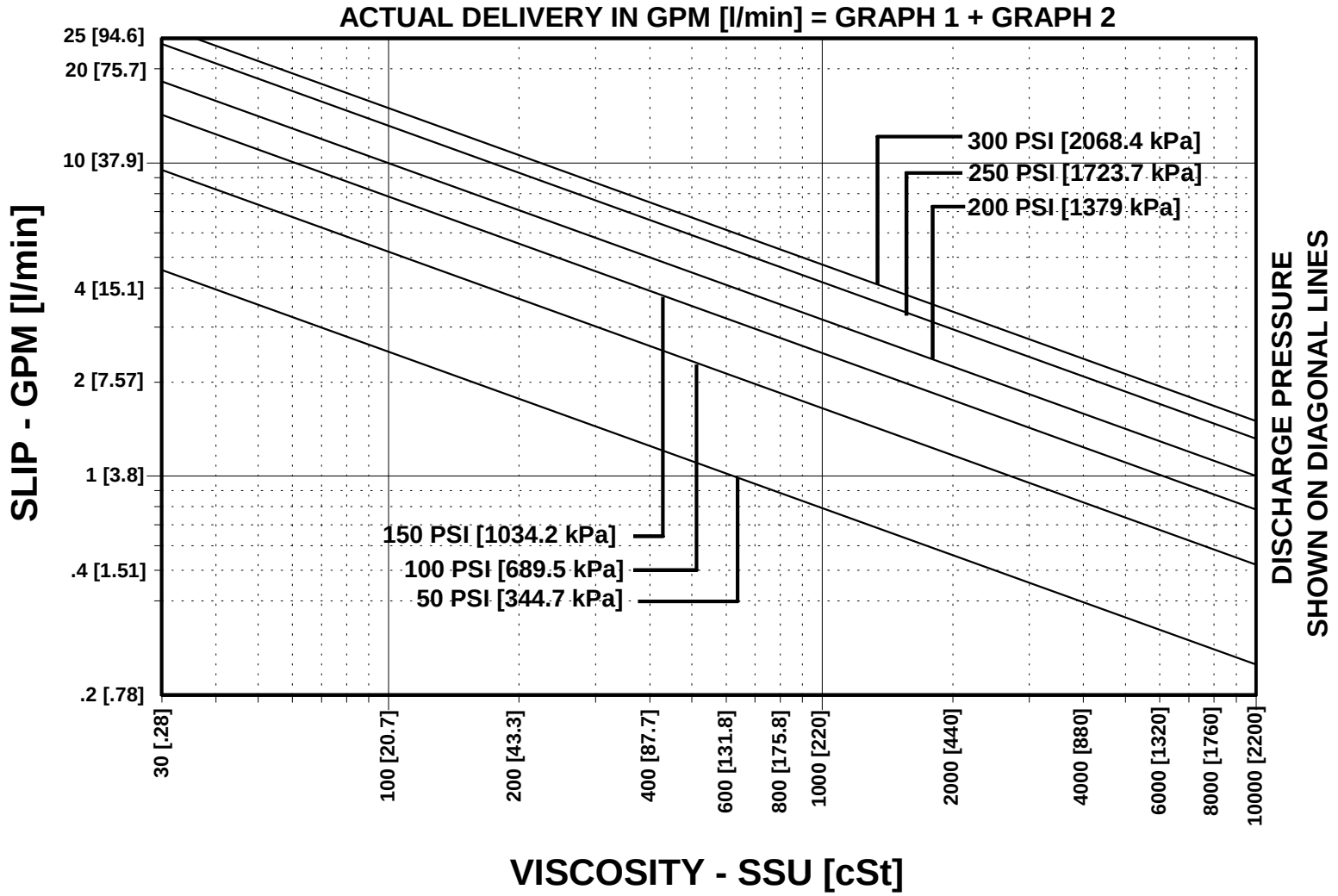
SERIES: F75
GRAPH 2
SLIP



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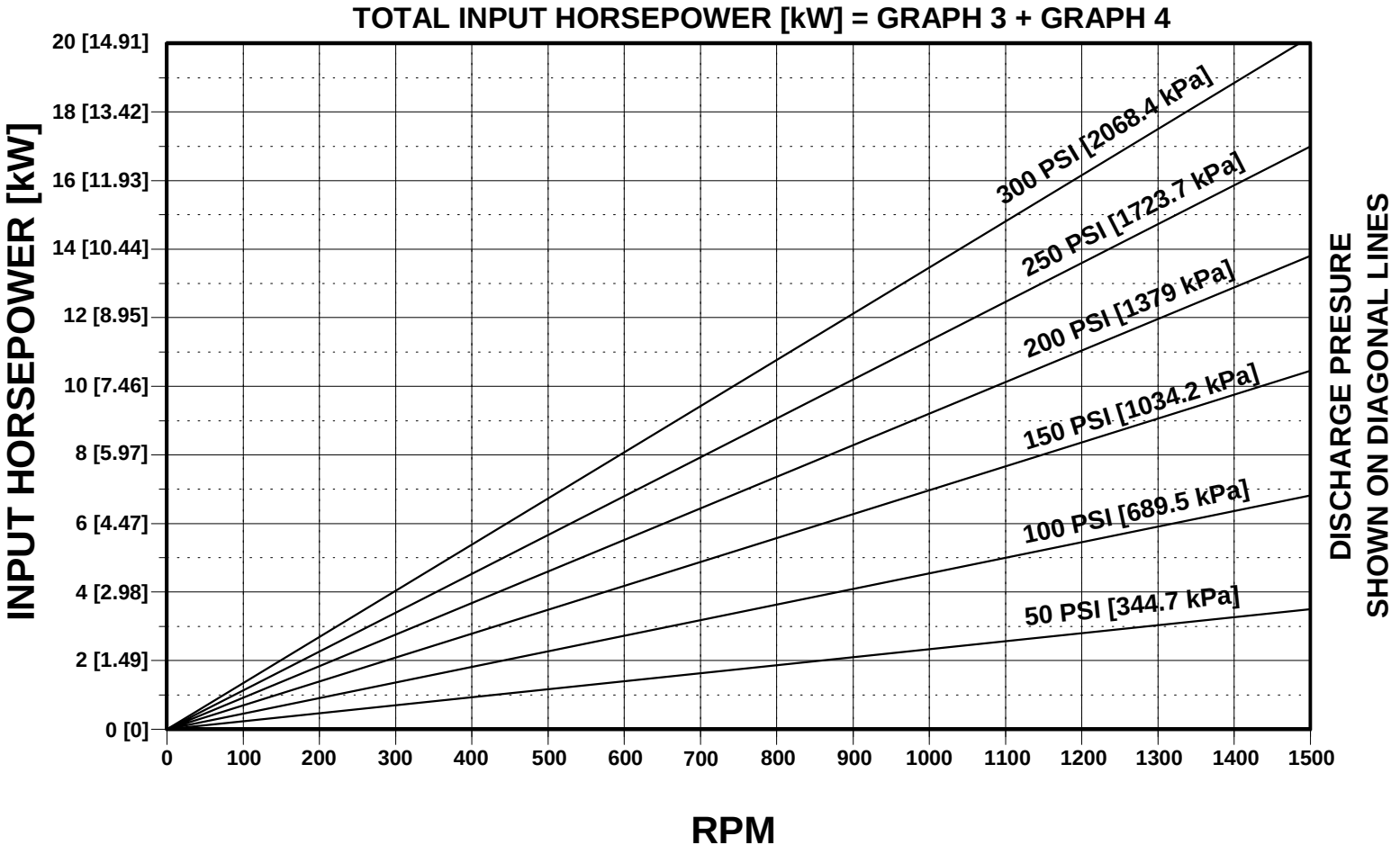
SERIES: F75
GRAPH 3
INPUT HORSEPOWER



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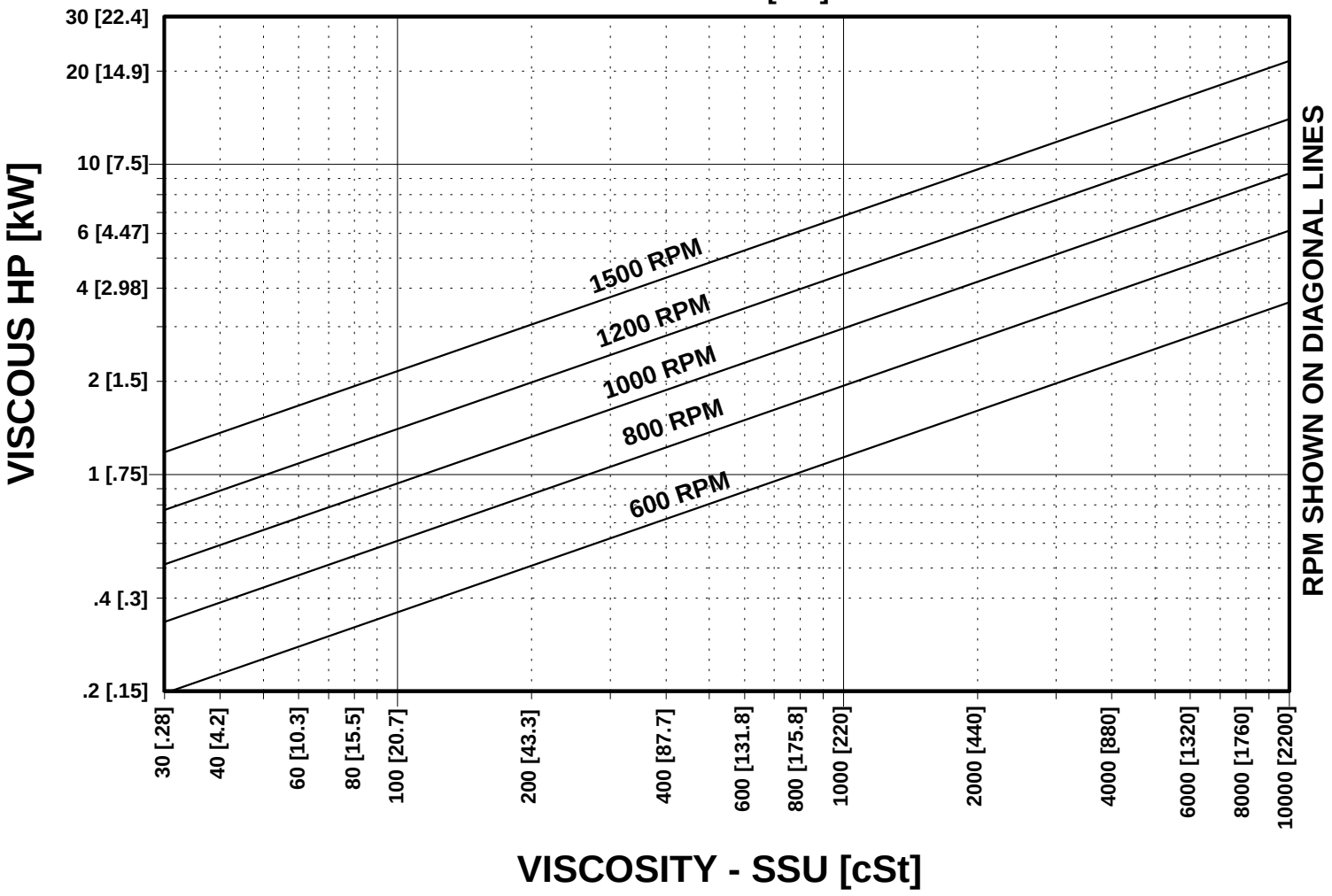
SERIES: F75
GRAPH 4
VISCOUS HORSEPOWER

TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



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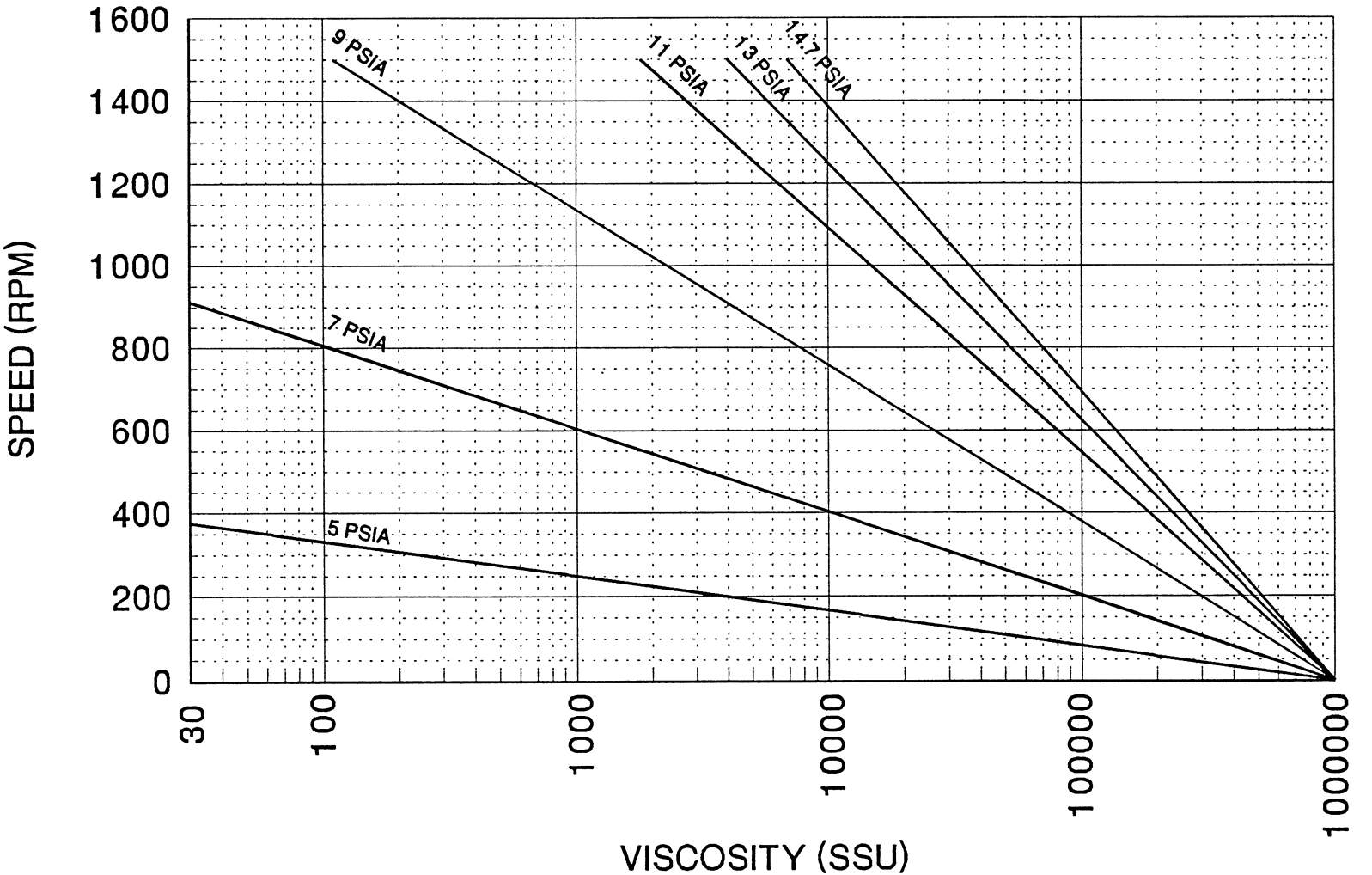
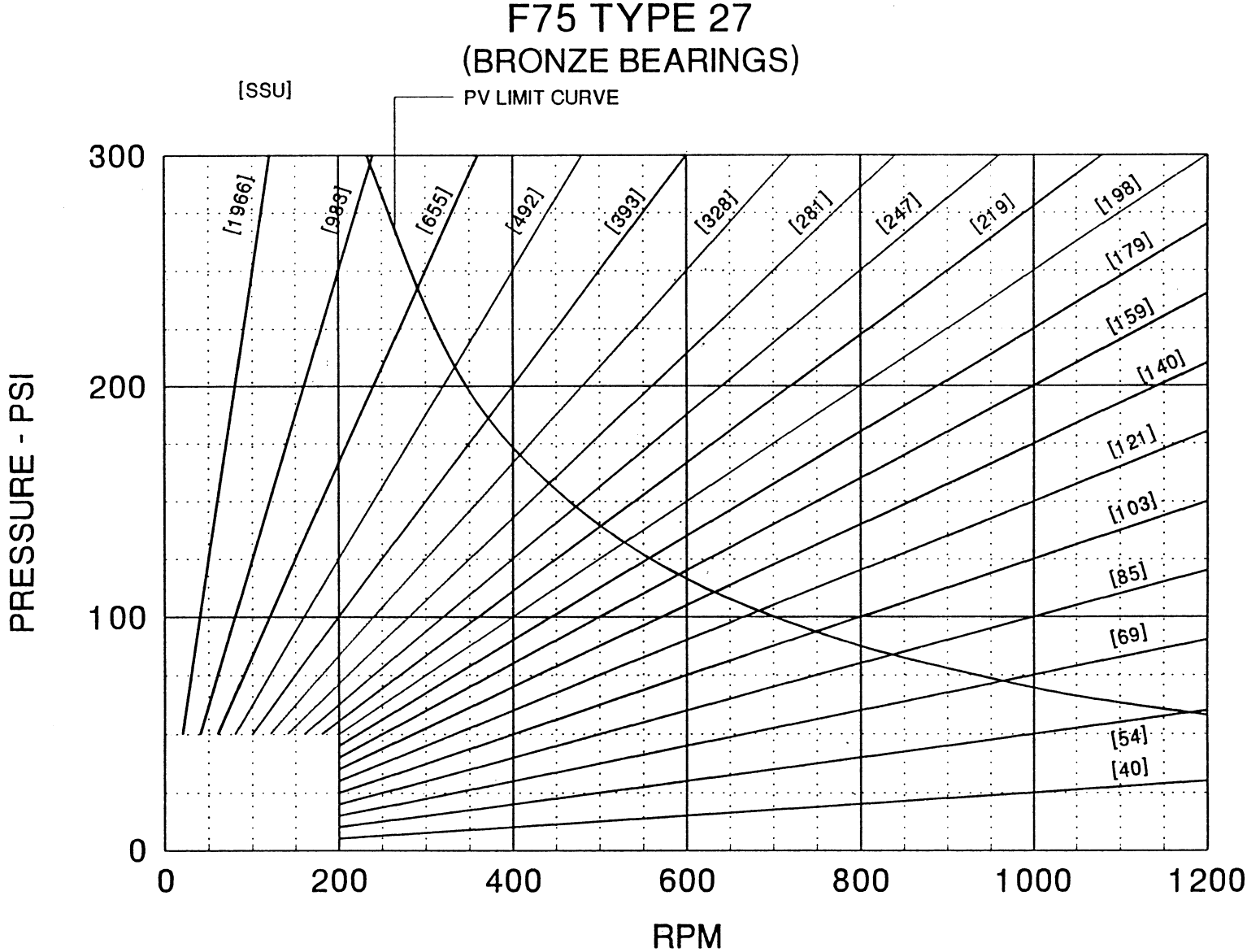
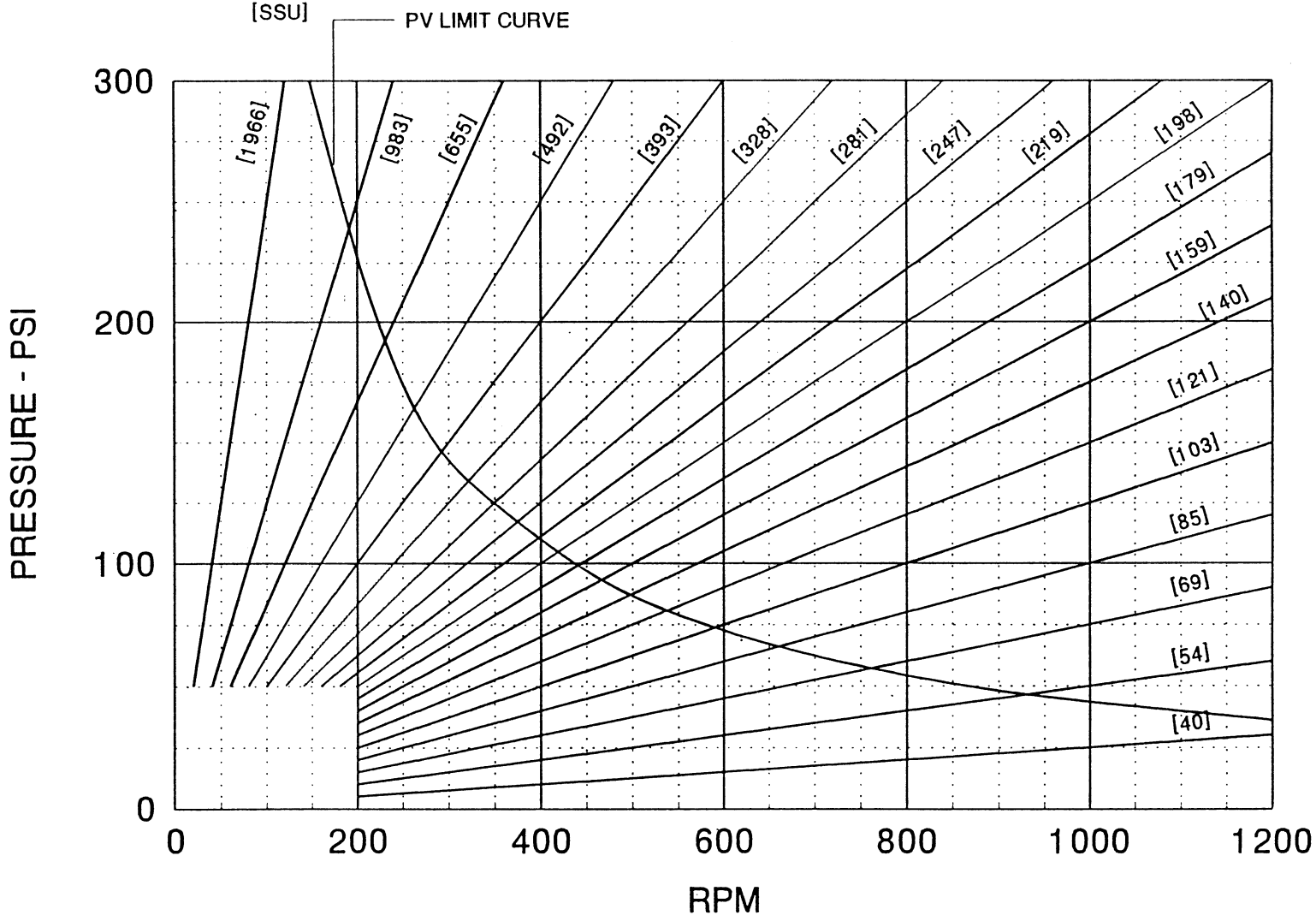
F75
REQUIRED NET INLET PRESSURE




F75 TYPE 27
(BRONZE BEARINGS)
[SSU]
PV LIMIT CURVE
[1966]
[983]
[655]
[492]
[393]
[328]
[281]
[247]
[219]
[198]
[179]
[159]
[140]
[121]
[103]
[85]
[69]
[54]
[40]
300
200
100
0
PRESSURE - PSI
0
200
400
600
800
1000
1200
RPM

F75 TYPE 27
(IRON BEARINGS)

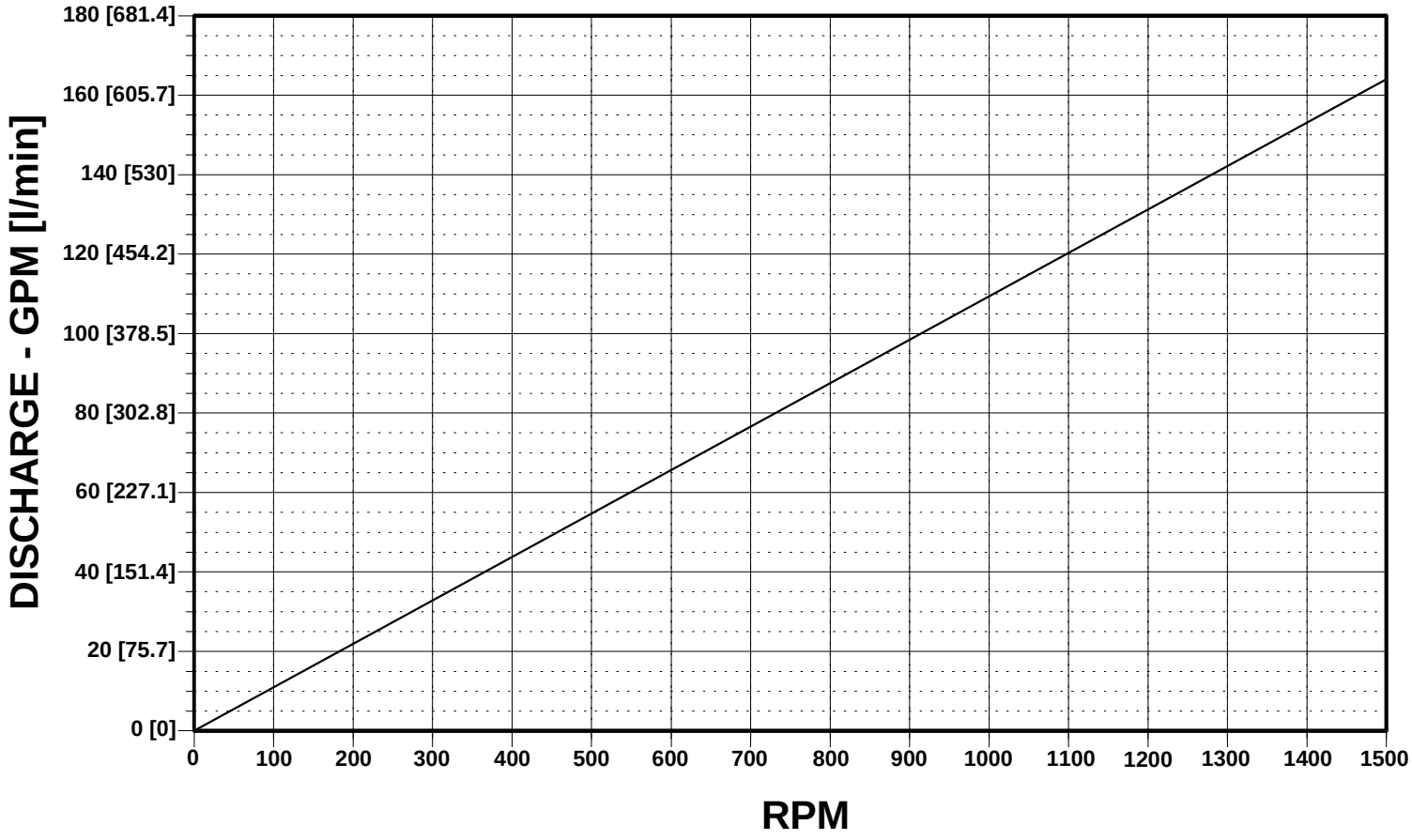


SERIES: F100

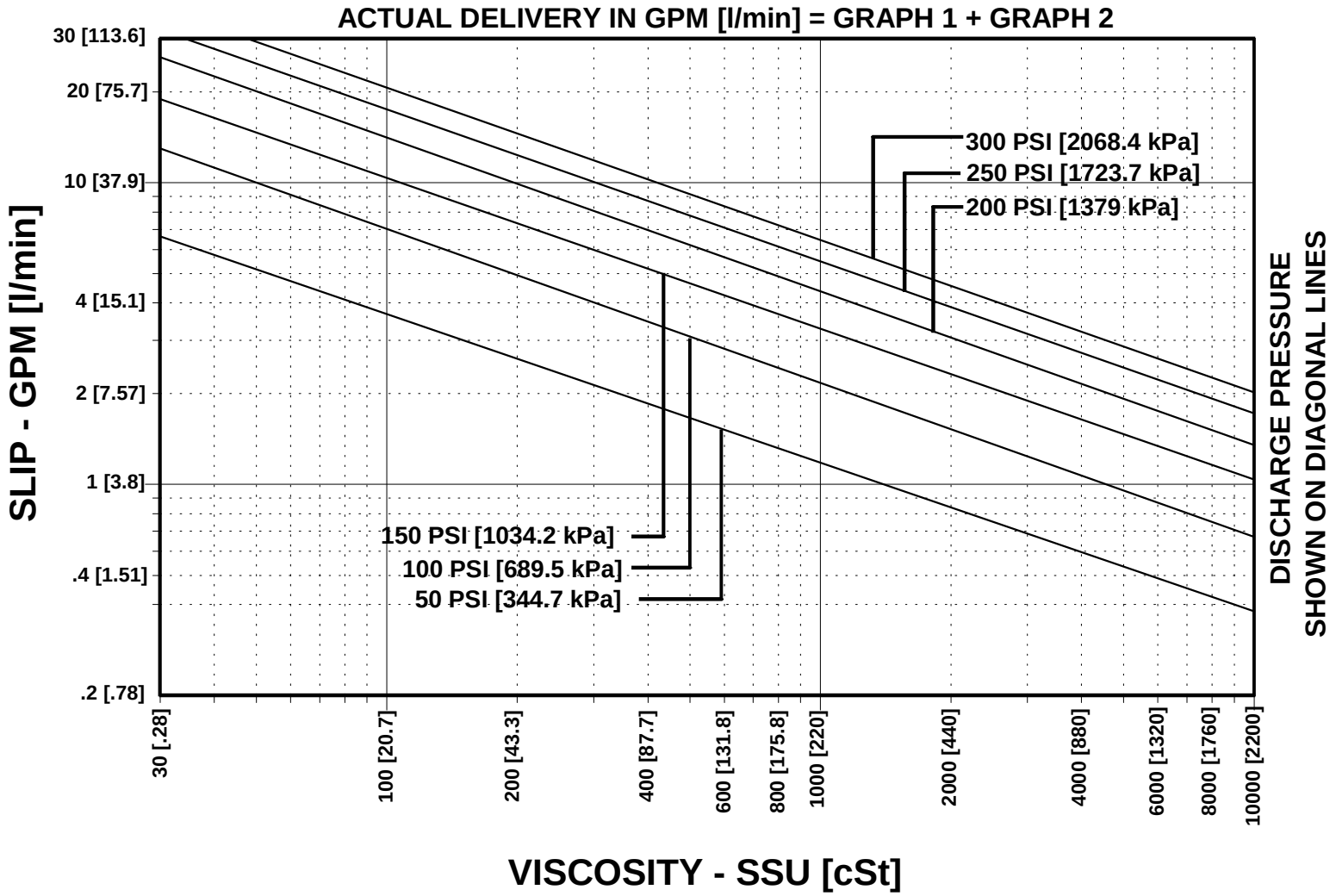
GRAPH 1

THEORETICAL GPM

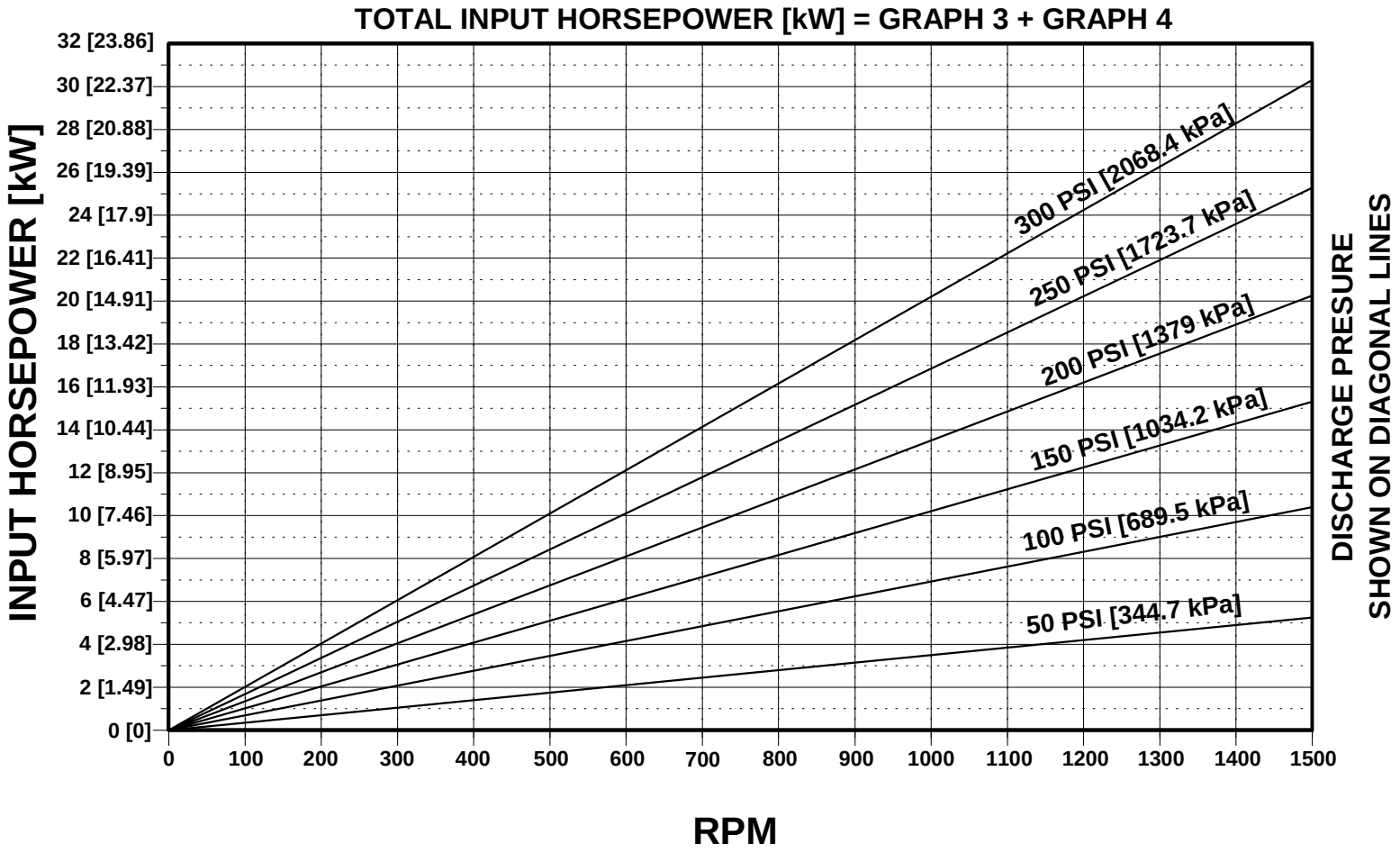
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



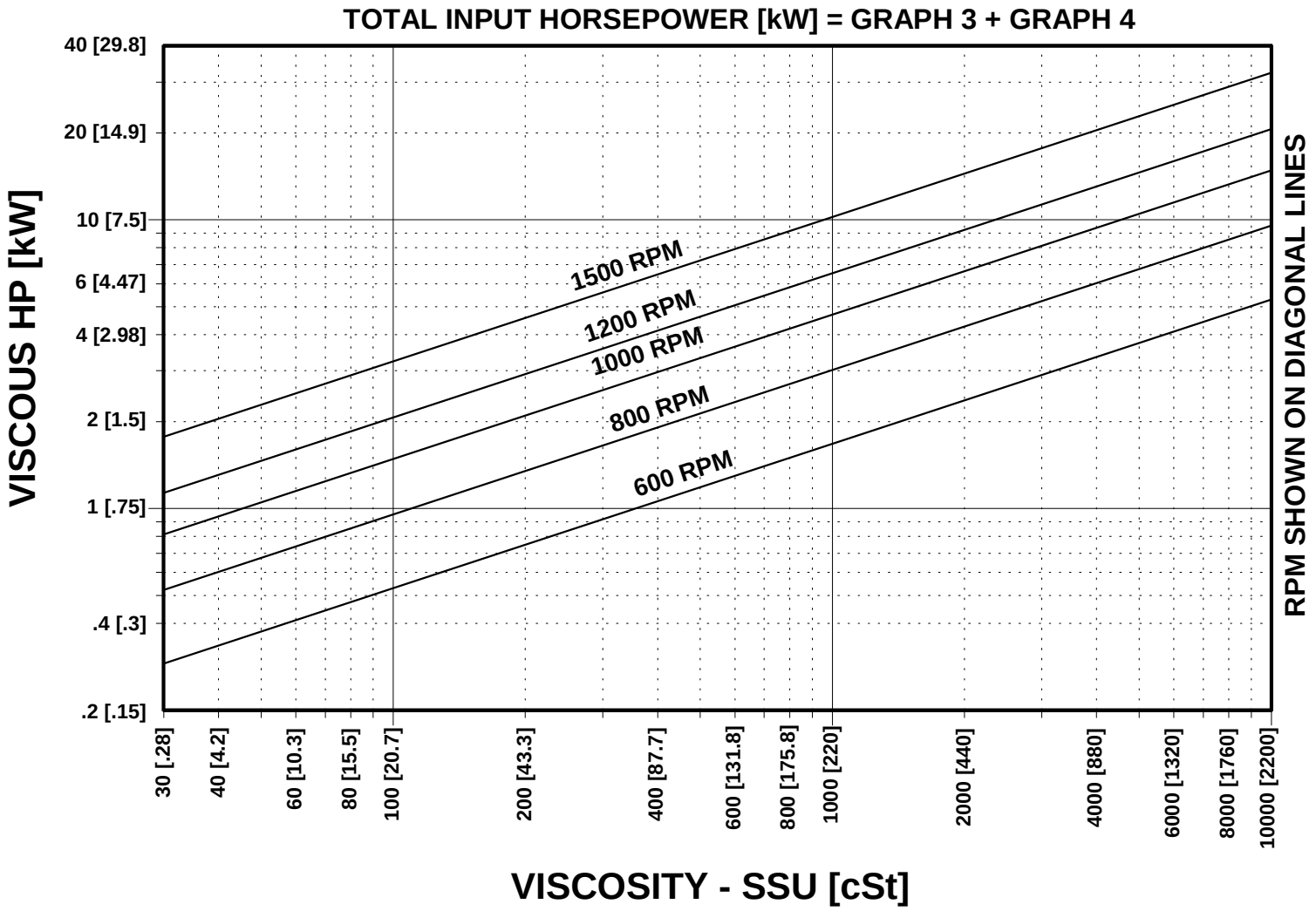
SERIES: F100
GRAPH 2
SLIP



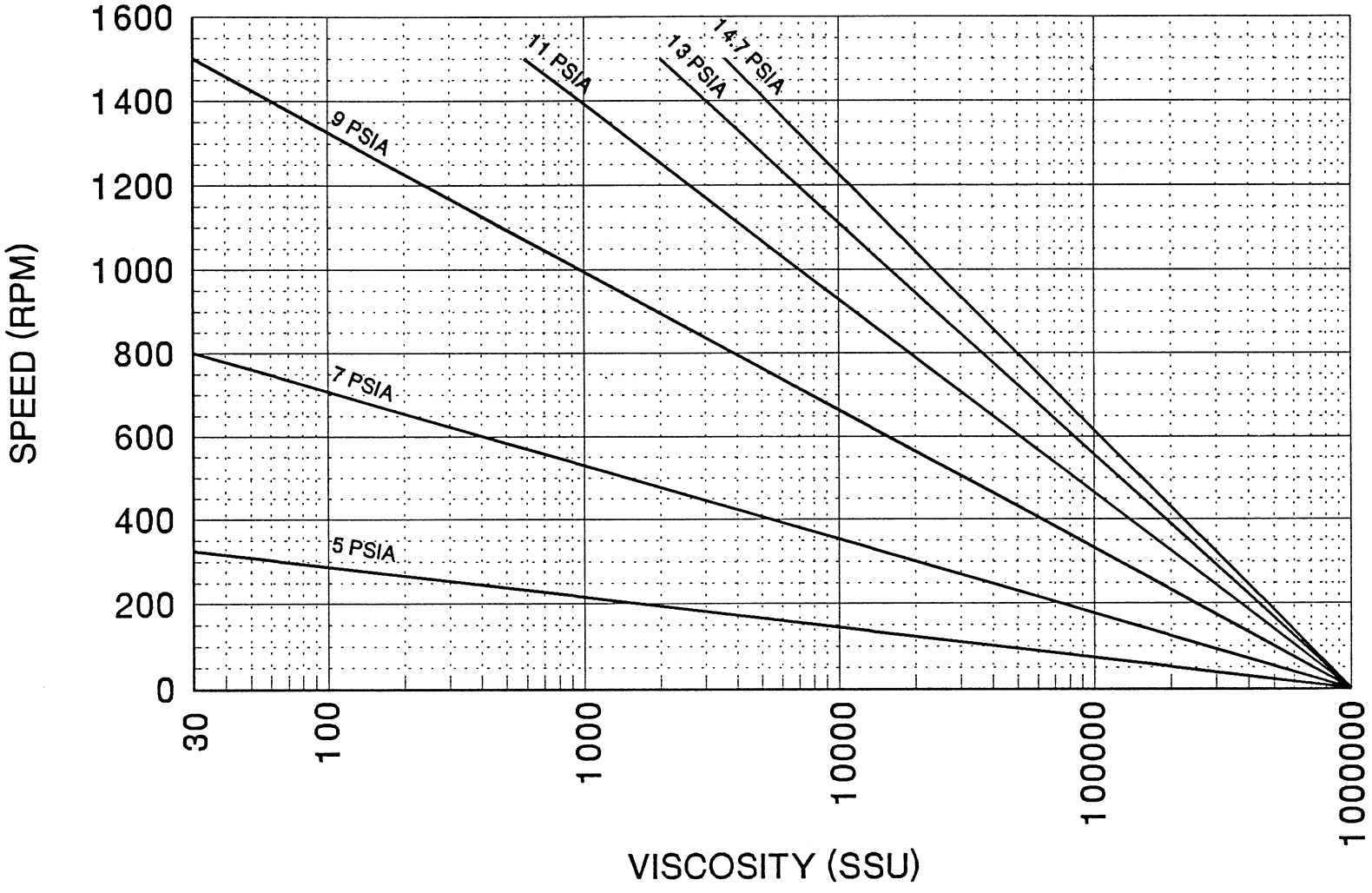
SERIES: F100
GRAPH 3
INPUT HORSEPOWER

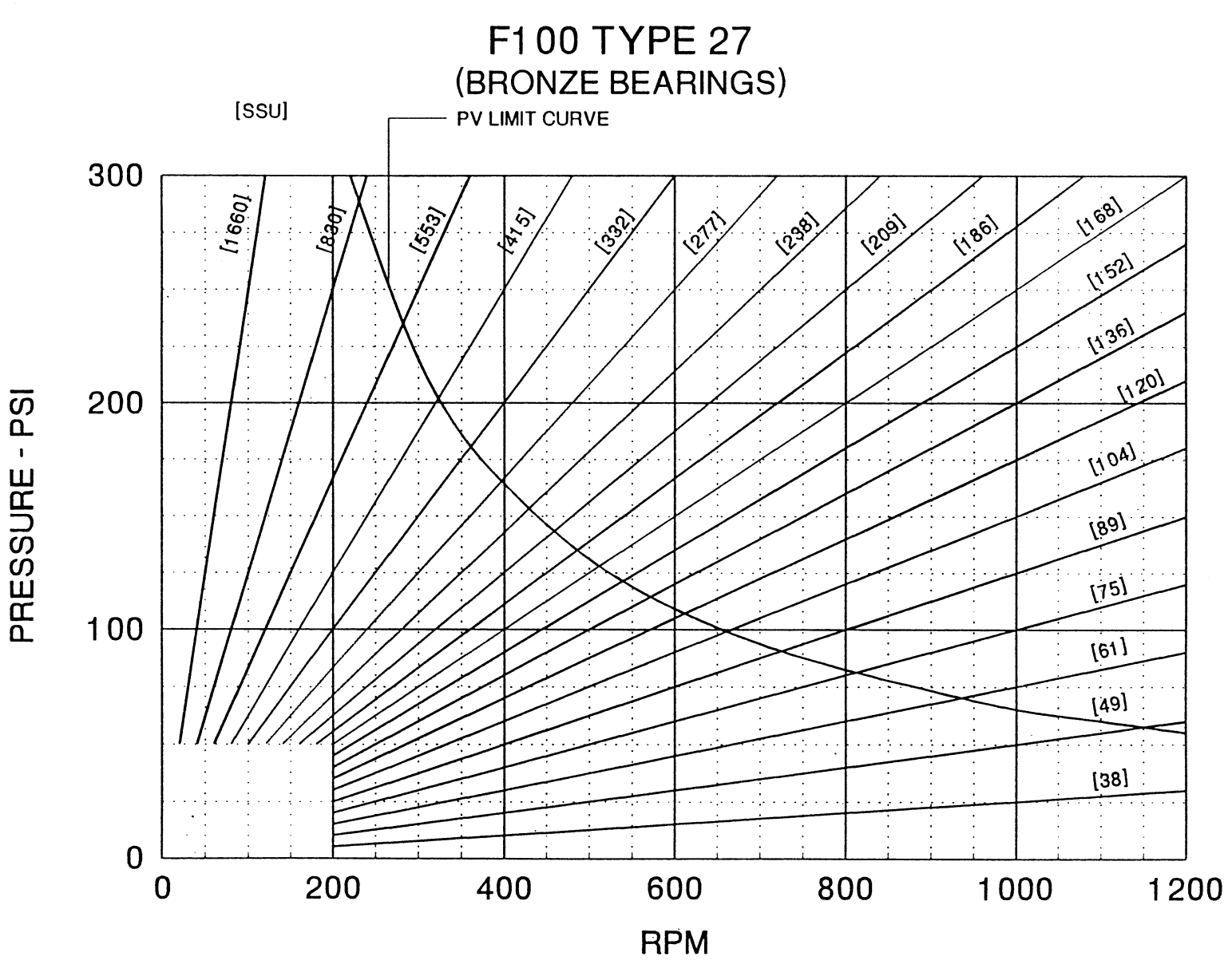


SERIES: F100
GRAPH 4
VISCOUS HORSEPOWER

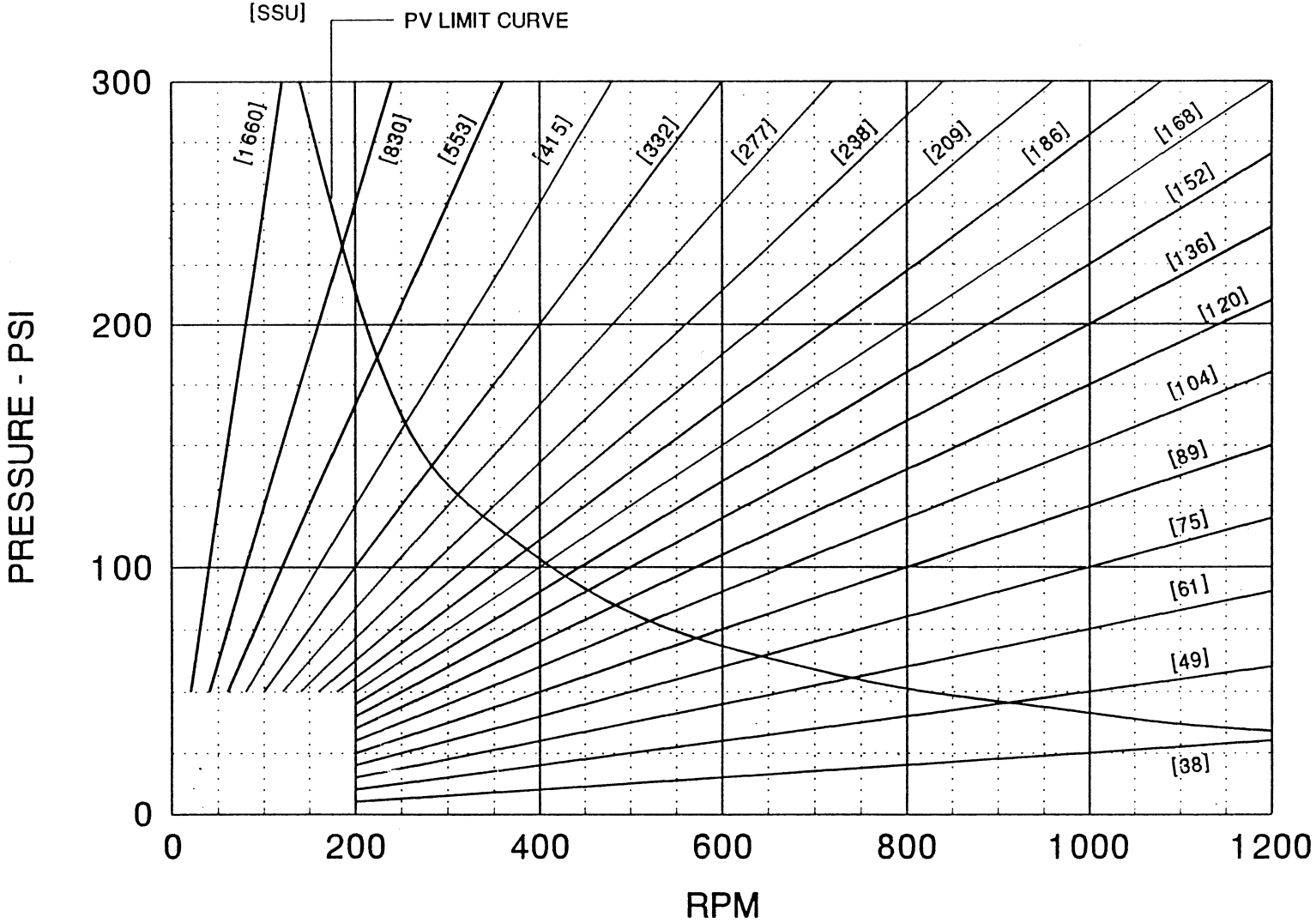


F100
REQUIRED NET INLET PRESSURE




F100 TYPE 27
(BRONZE BEARINGS)
[SSU]
PV LIMIT CURVE
[1660]
[830]
[553]
[415]
[332]
[277]
[238]
[209]
[186]
[168]
[152]
[136]
[120]
[104]
[89]
[75]
[61]
[49]
[38]
300
200
100
0
PRESSURE - PSI
0
200
400
600
800
1000
1200
RPM

F100 TYPE 27
(IRON BEARINGS)

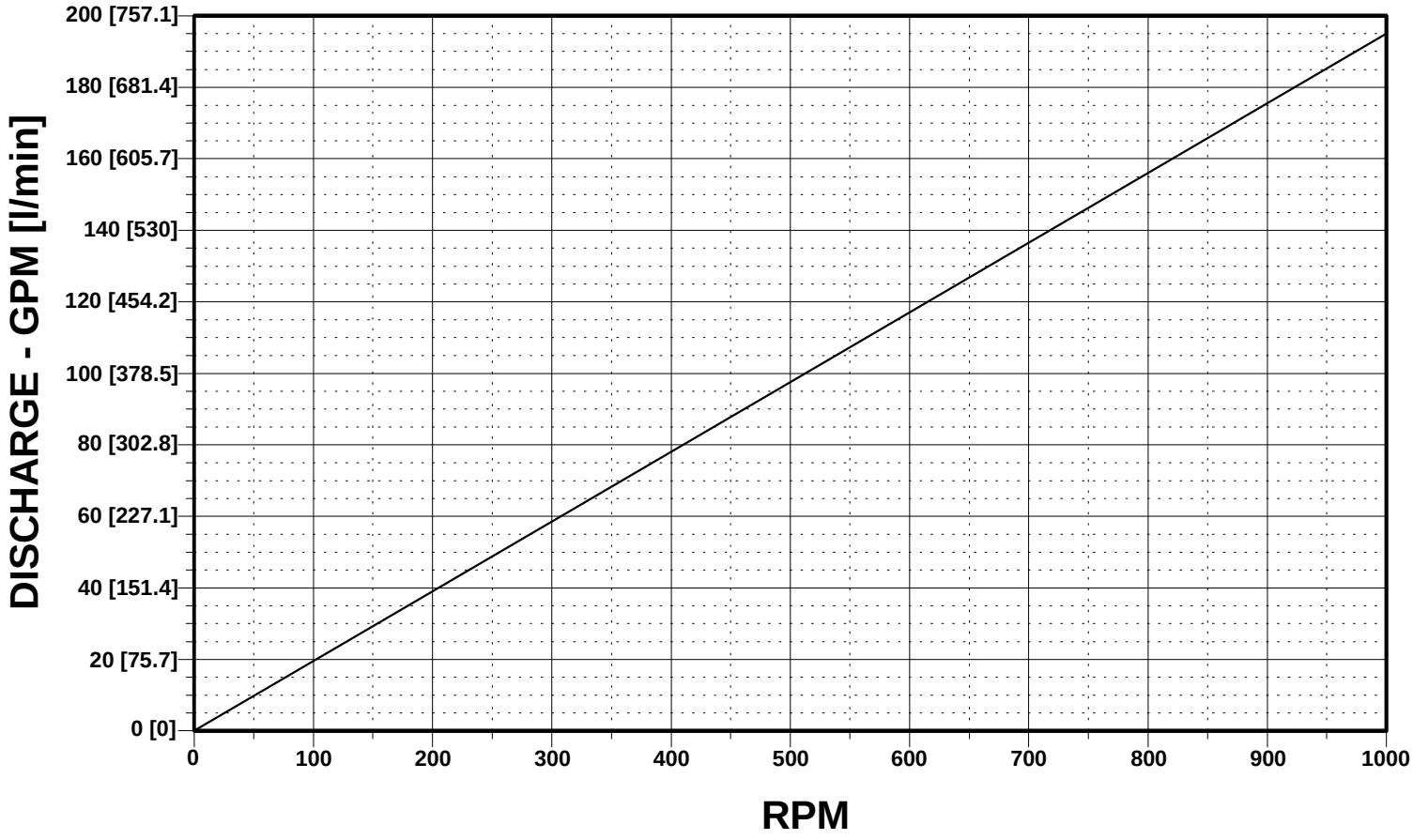


SERIES: F150

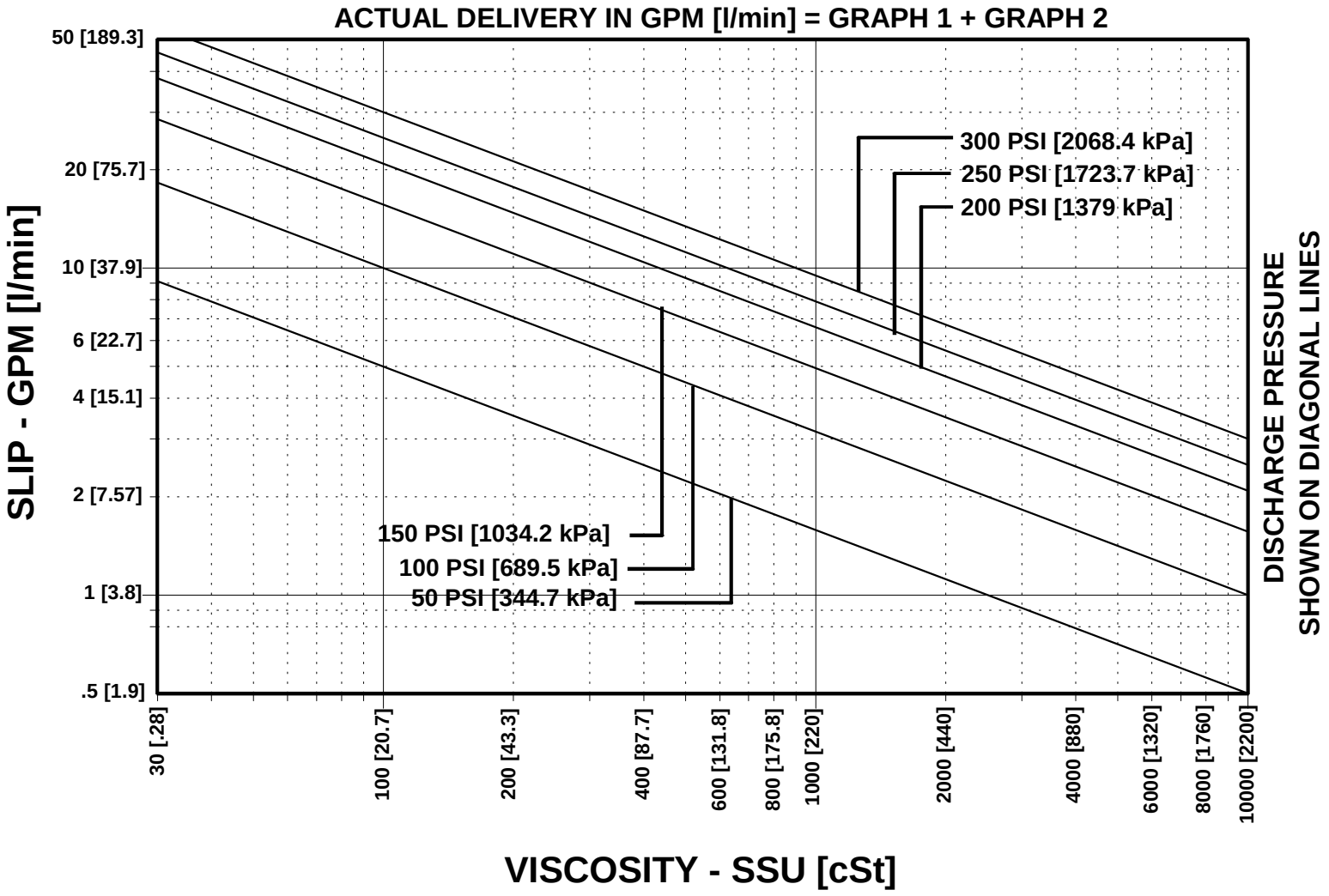
GRAPH 1

THEORETICAL GPM

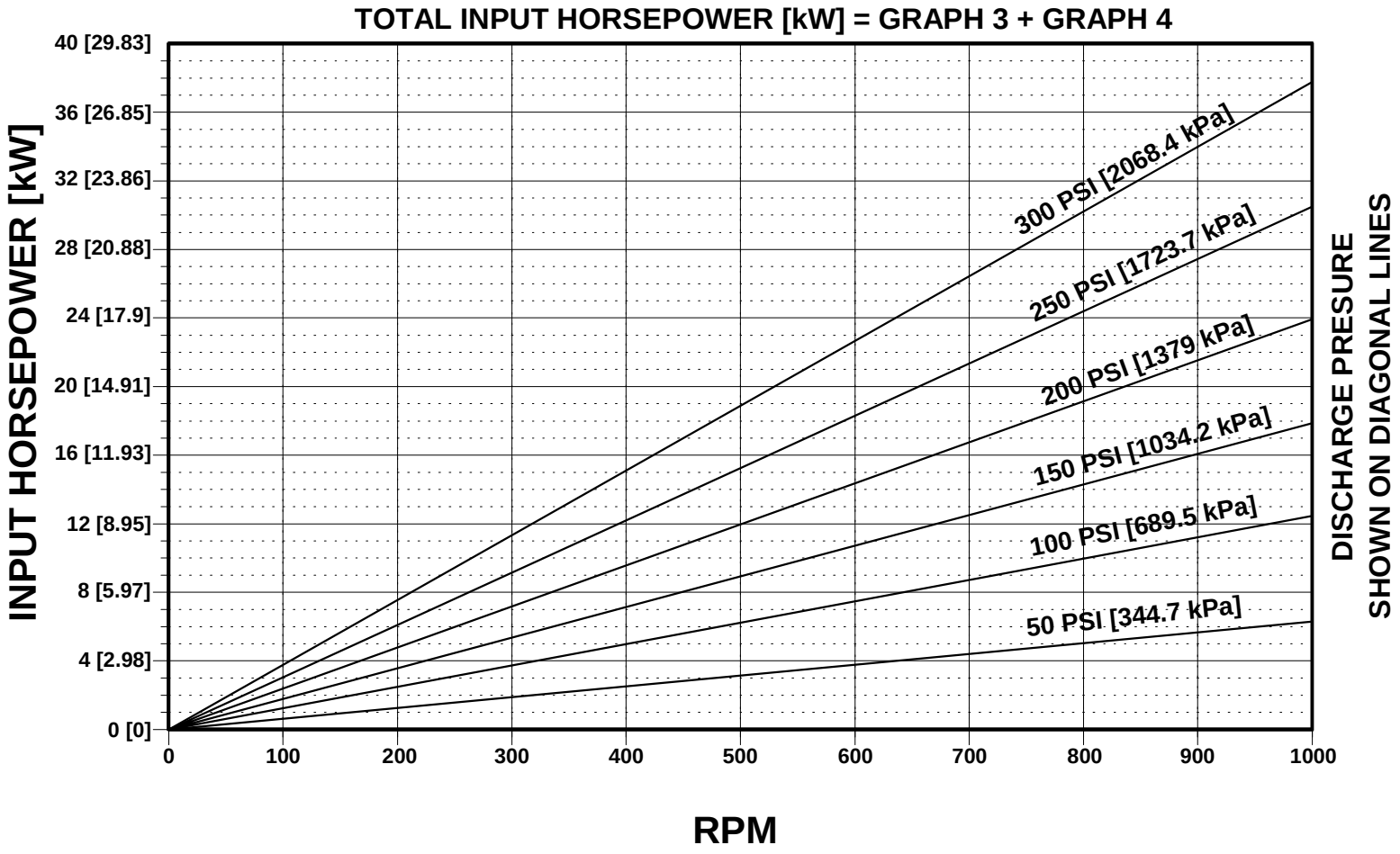
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F150
GRAPH 2
SLIP

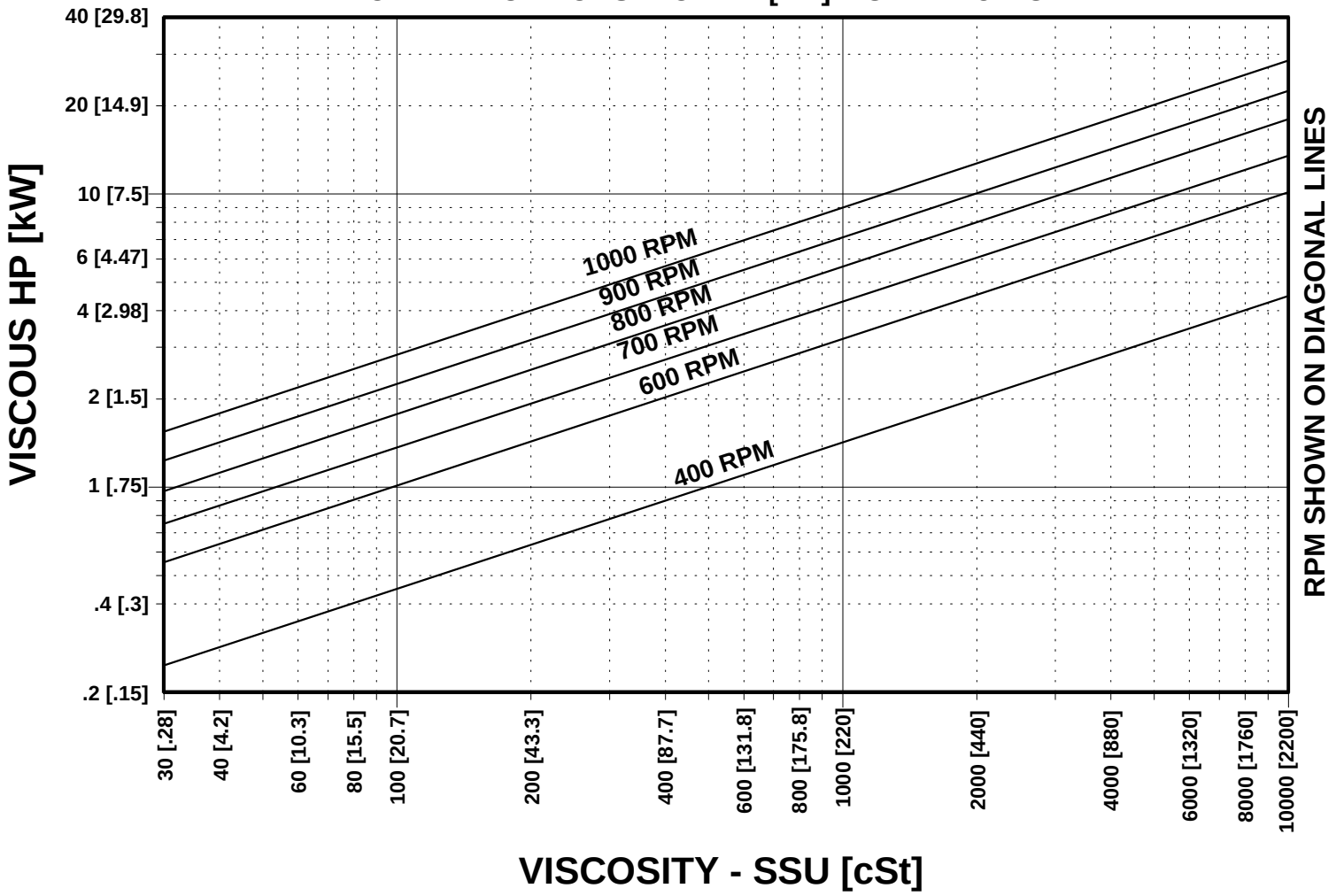


SERIES: F150
GRAPH 3
INPUT HORSEPOWER

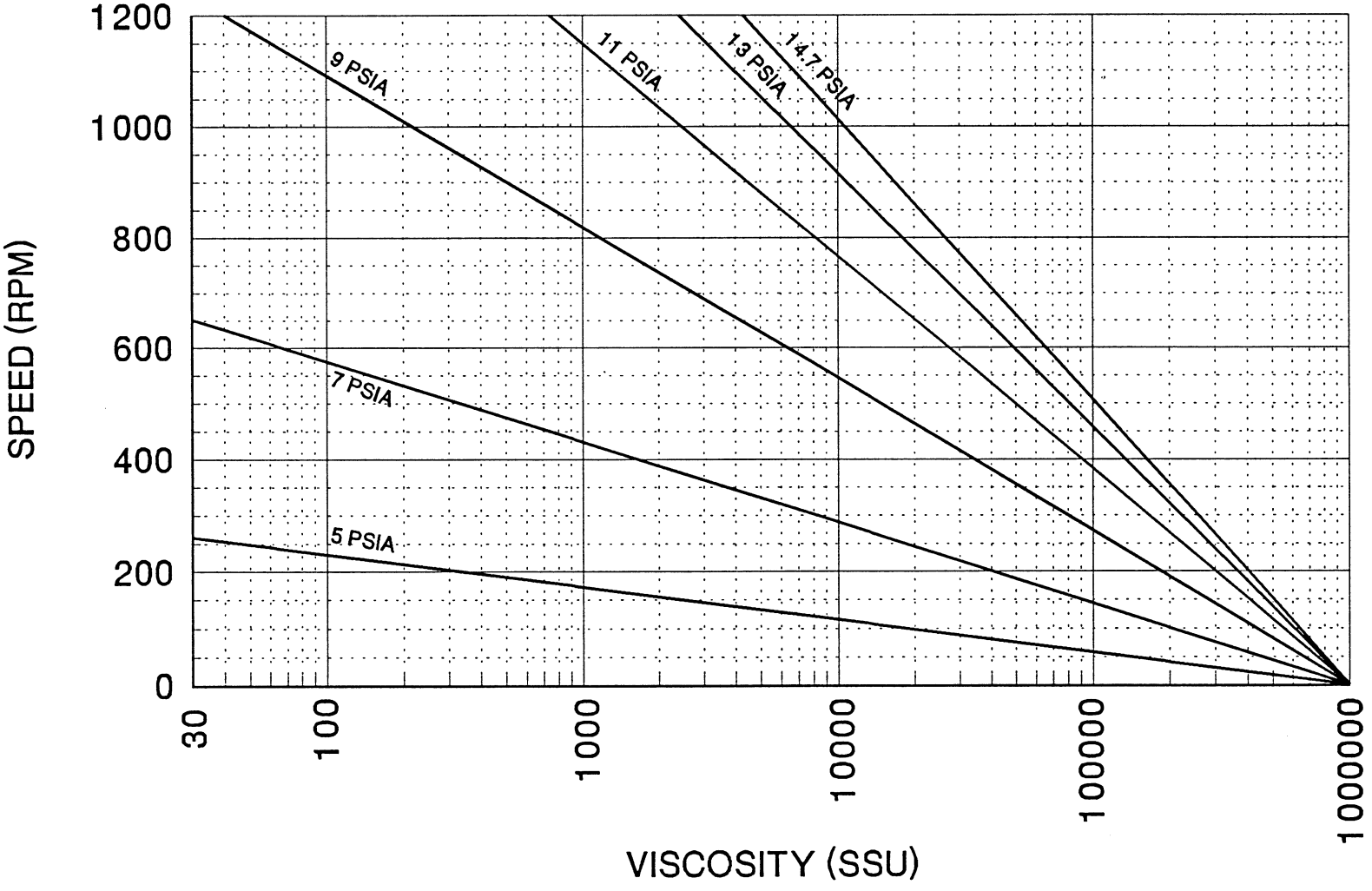


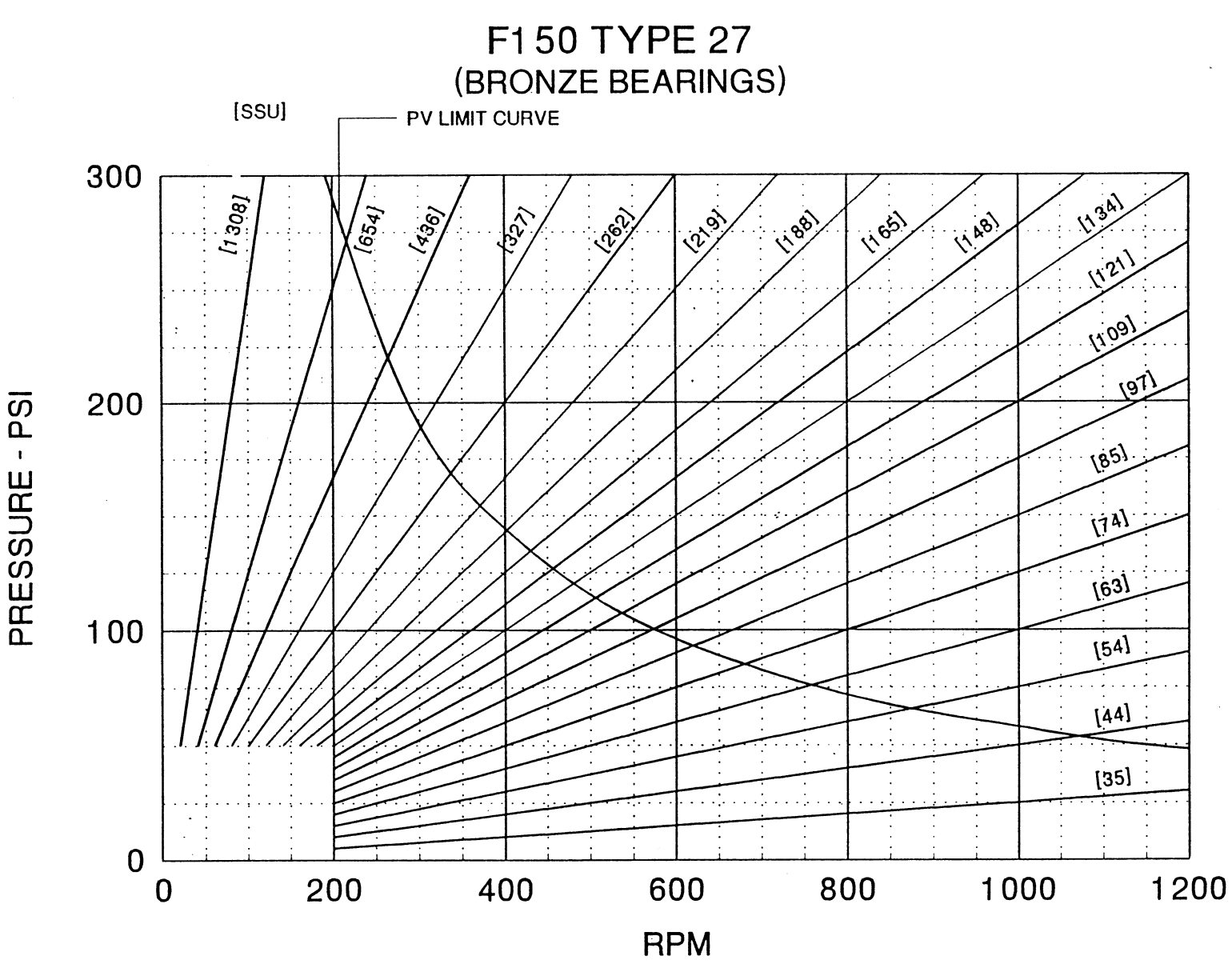
SERIES: F150
GRAPH 4
VISCOUS HORSEPOWER

TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4

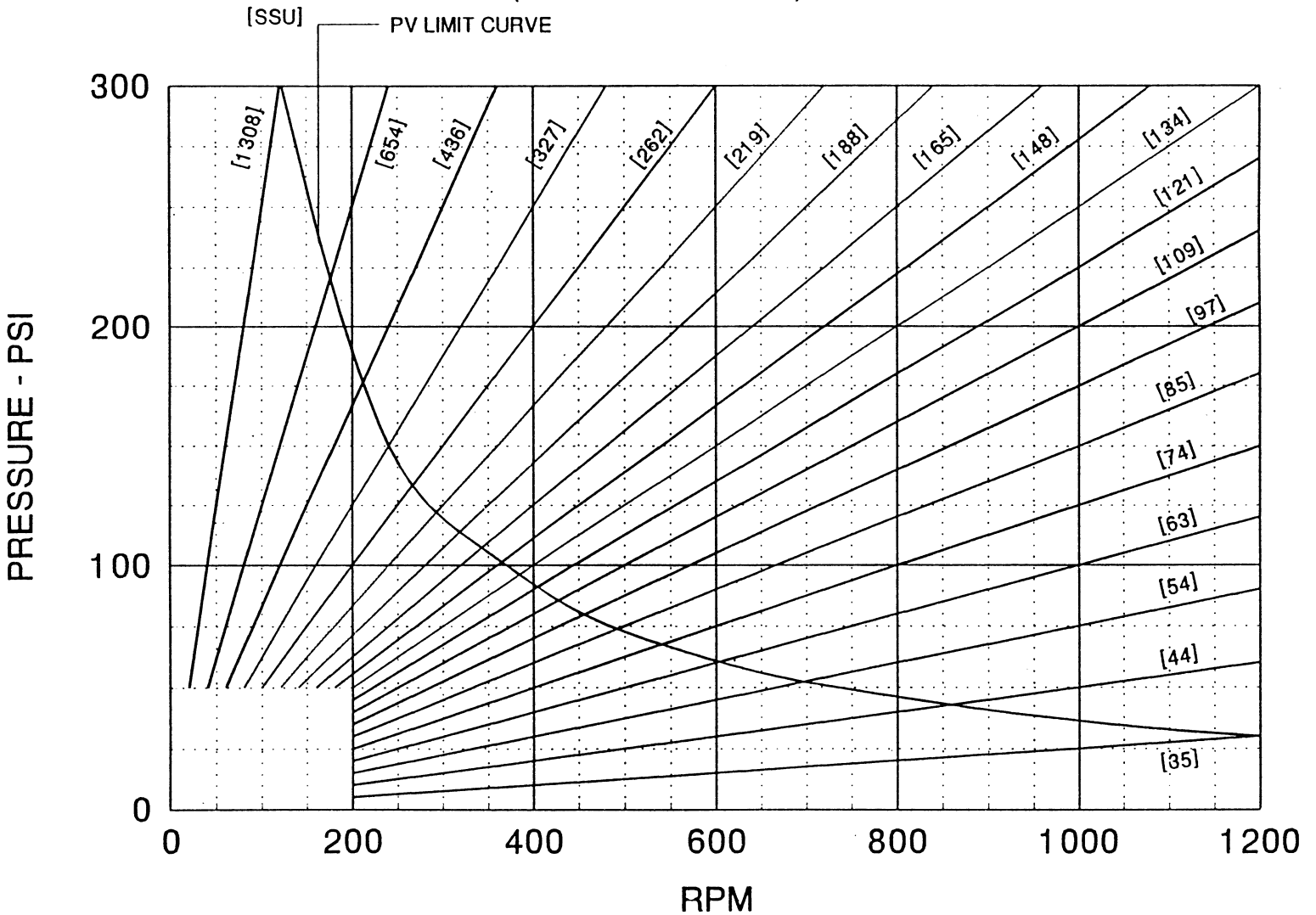


F150
REQUIRED NET INLET PRESSURE




F150 TYPE 27
(BRONZE BEARINGS)
[SSU]
PV LIMIT CURVE
[1308]
[654]
[436]
[327]
[262]
[219]
[188]
[165]
[148]
[134]
[121]
[109]
[97]
[85]
[74]
[63]
[54]
[44]
[35]
300
200
100
0
PRESSURE - PSI
0
200
400
600
800
1000
1200
RPM

F150 TYPE 27
(IRON BEARINGS)

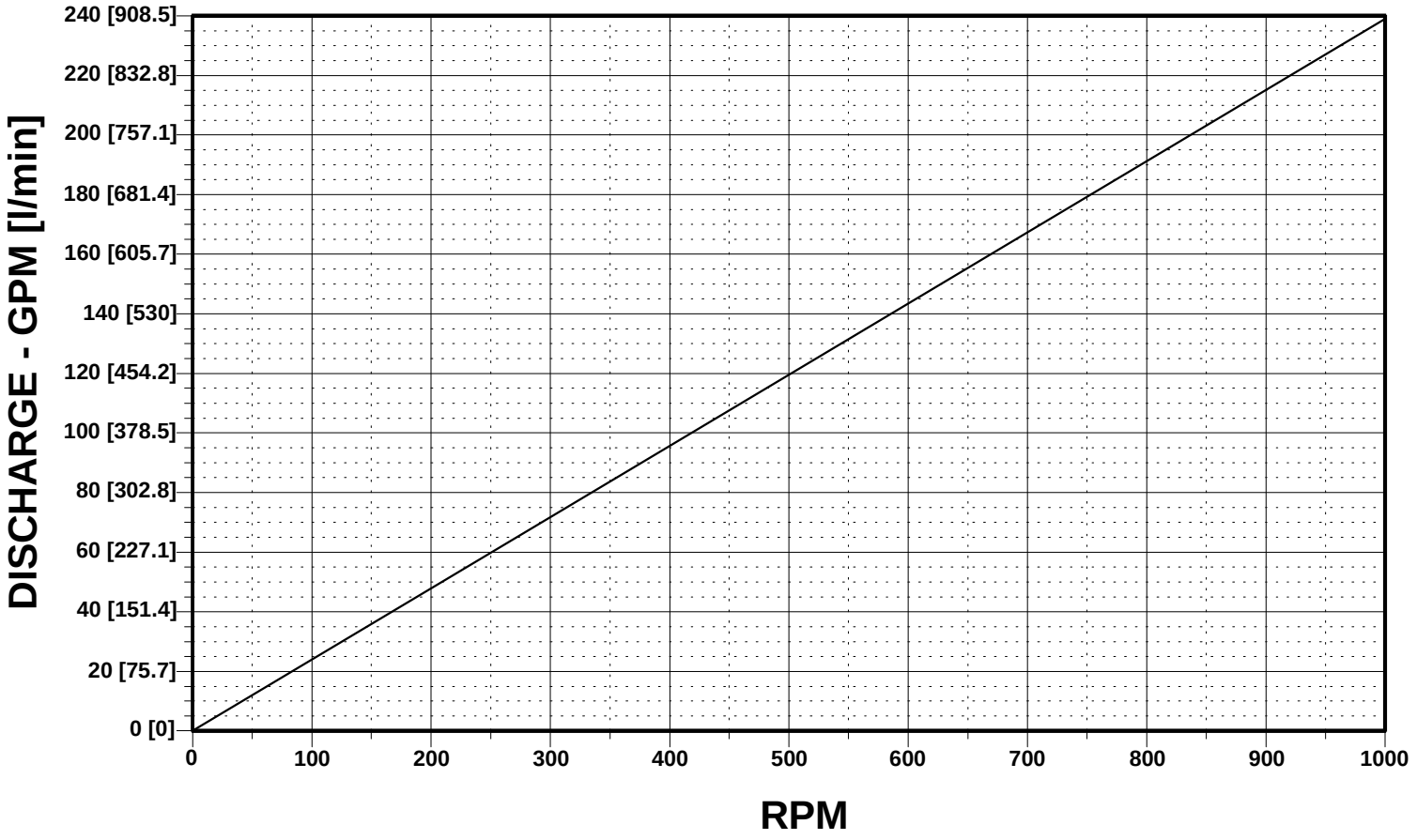


SERIES: F200

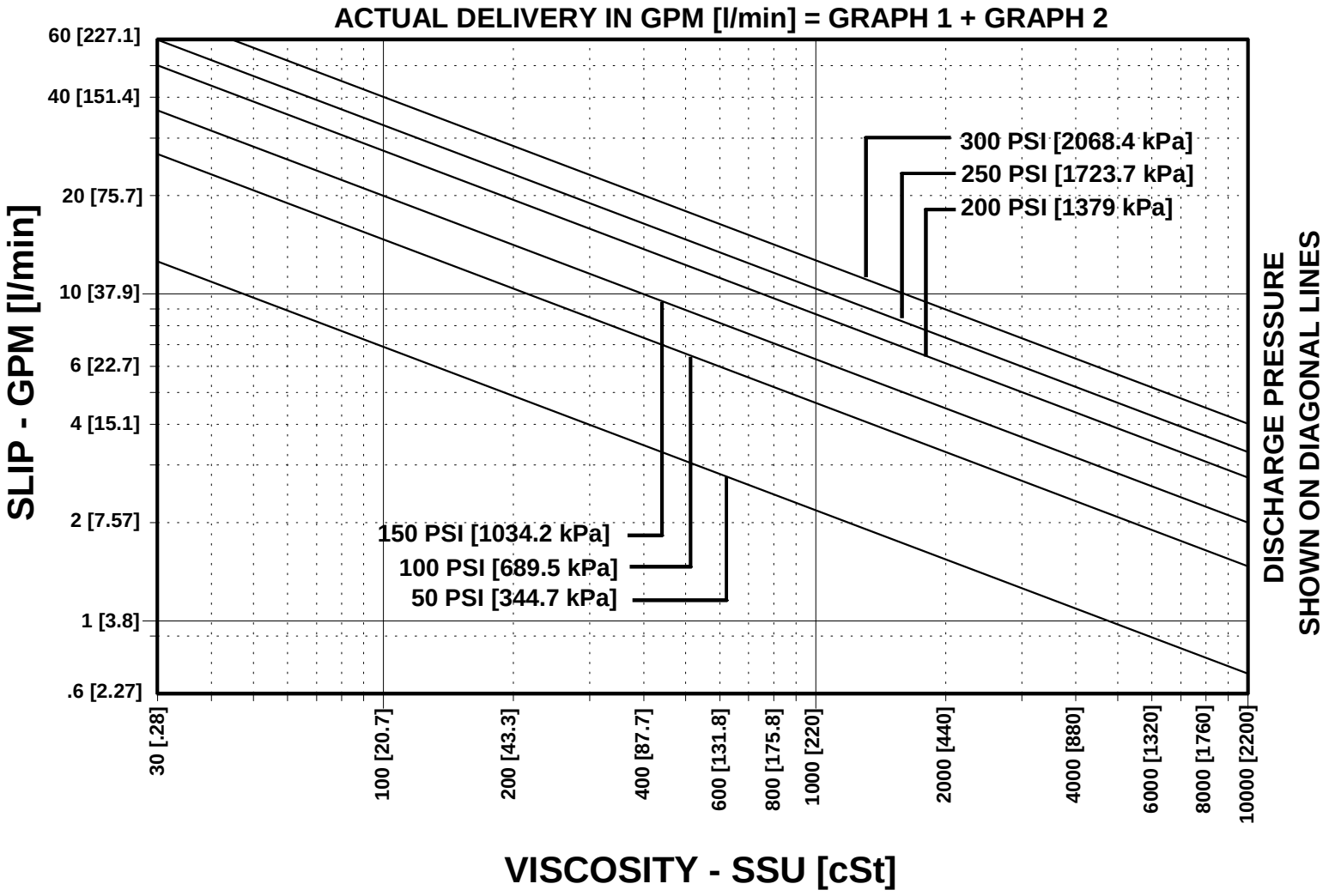
GRAPH 1

THEORETICAL GPM

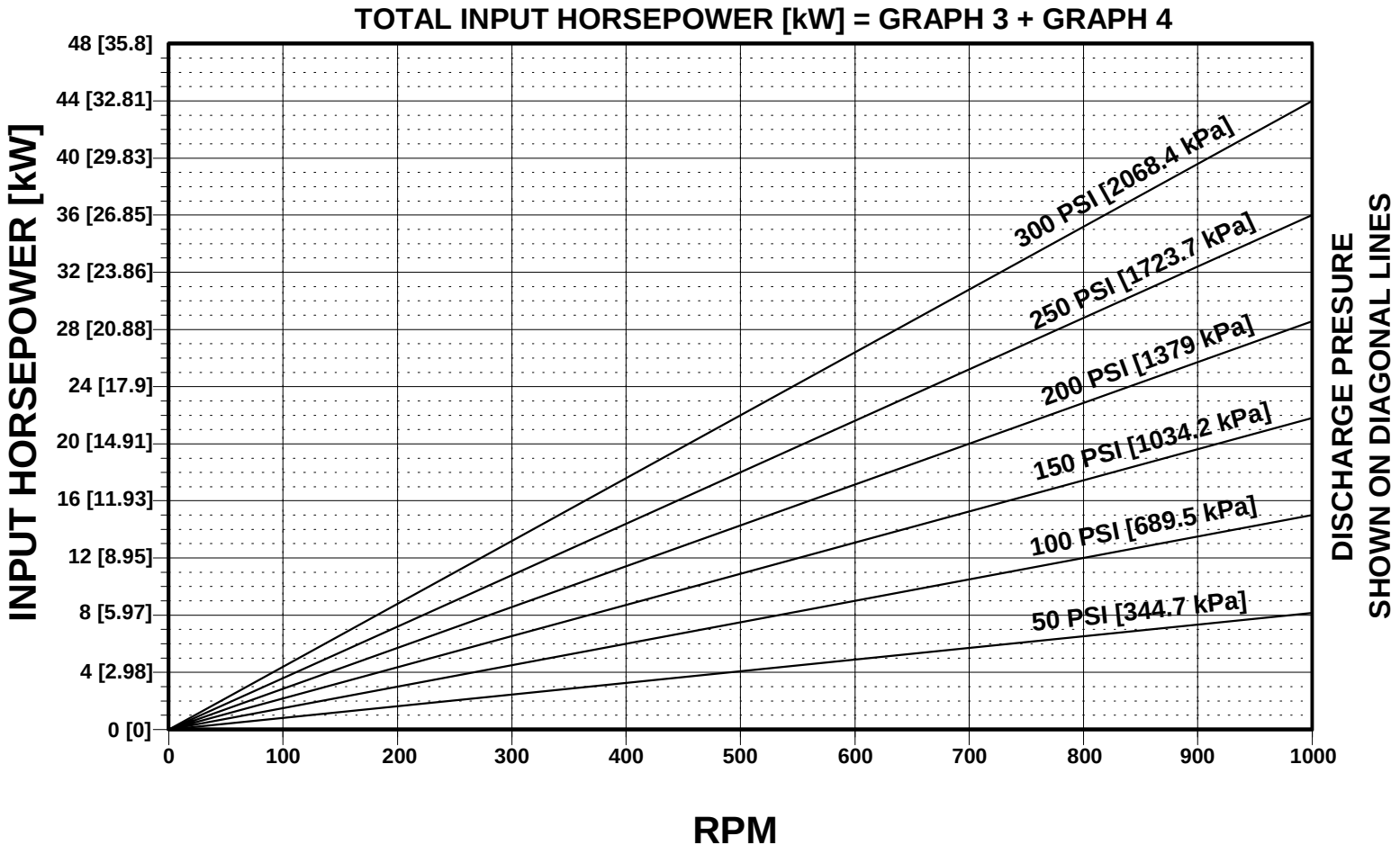
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F200
GRAPH 2
SLIP

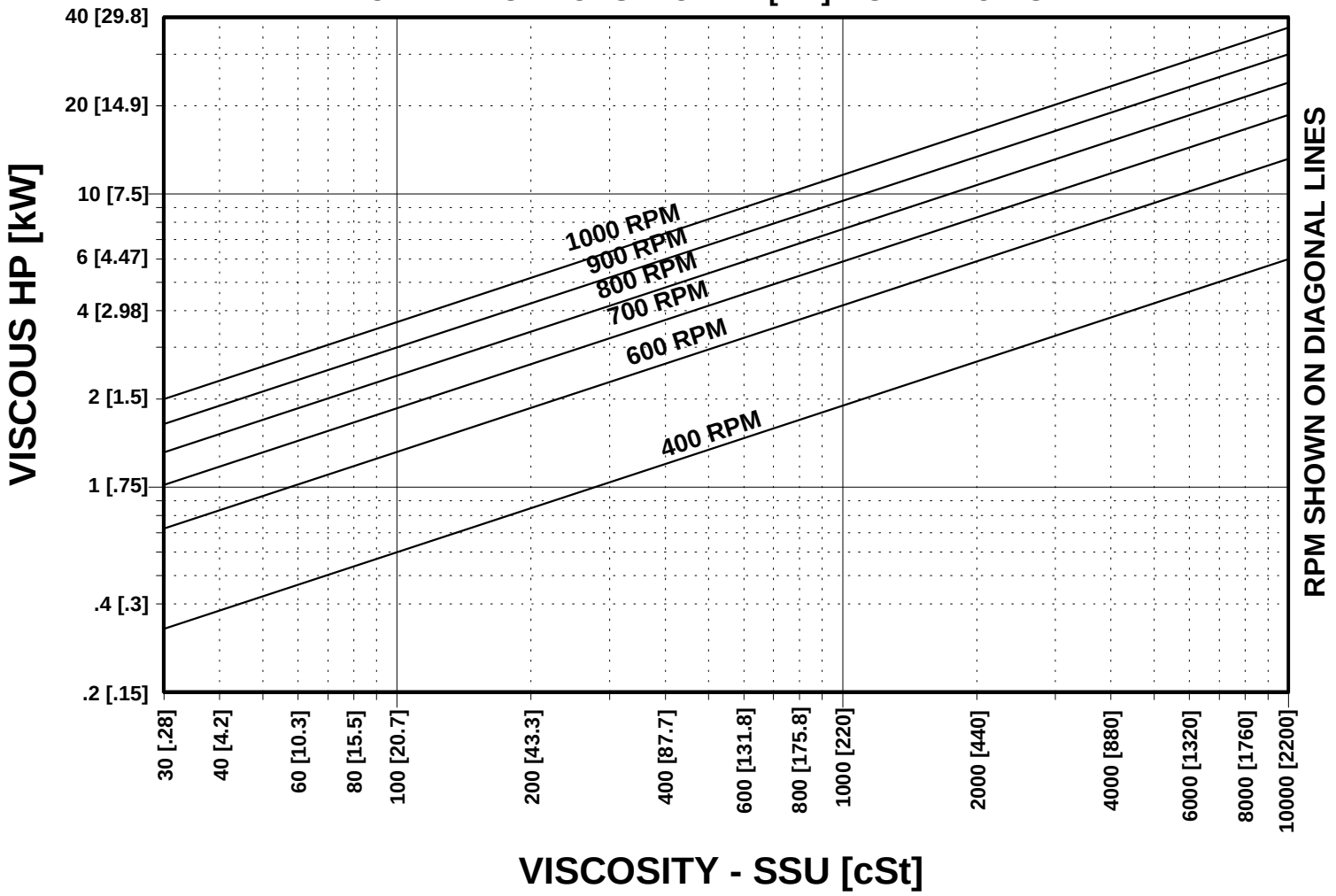


SERIES: F200
GRAPH 3
INPUT HORSEPOWER

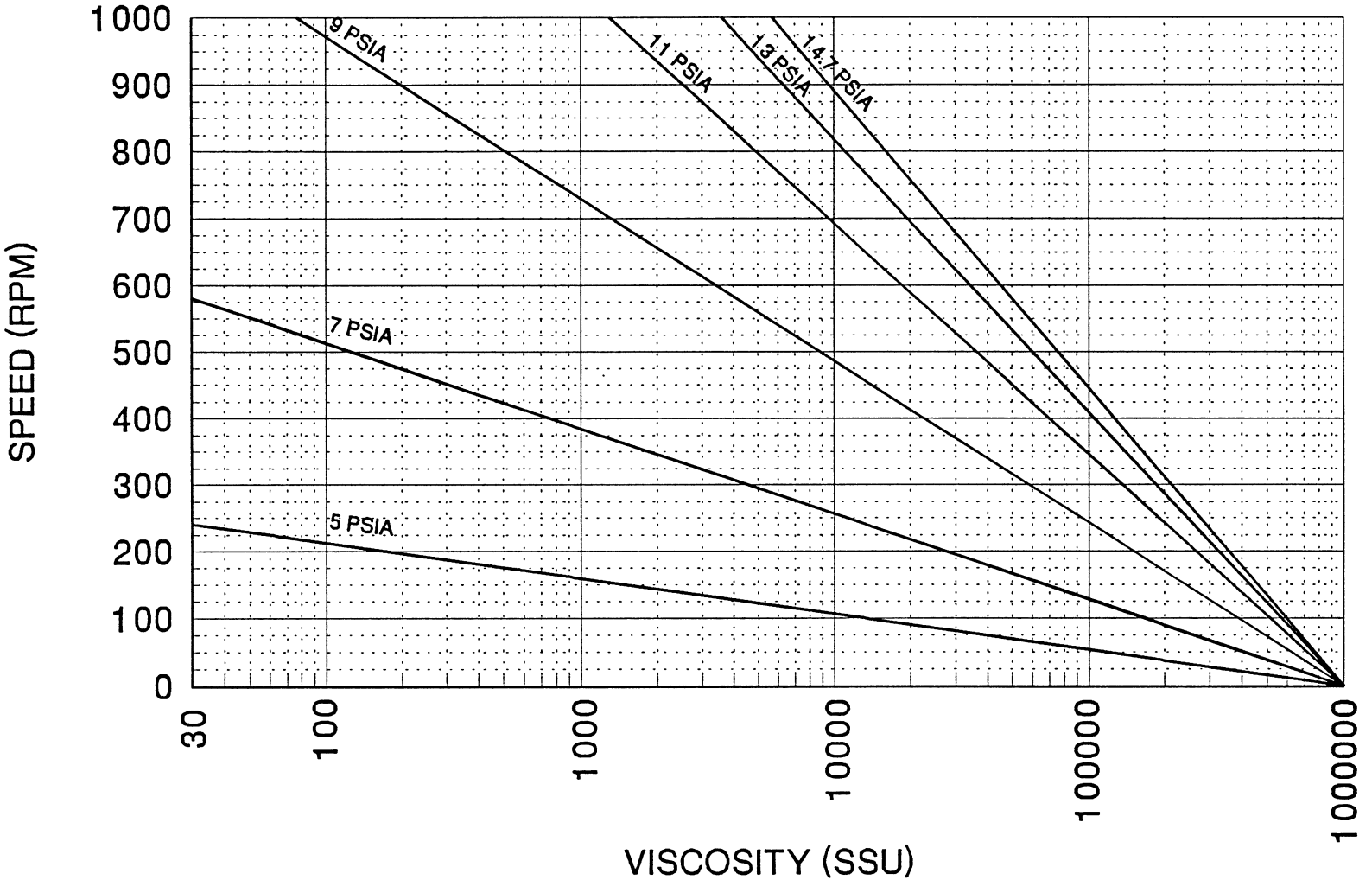


SERIES: F200
GRAPH 4
VISCOUS HORSEPOWER

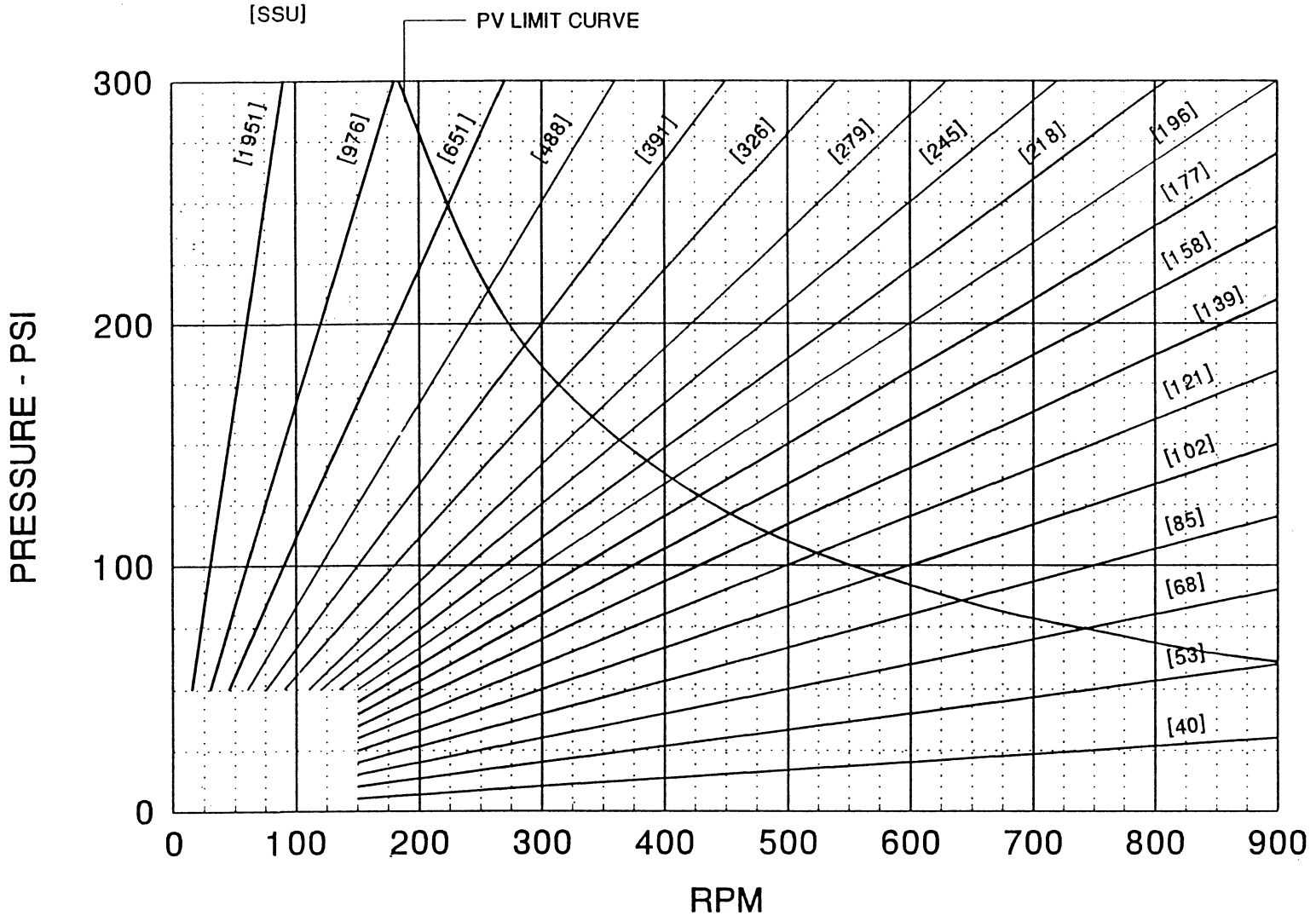
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



F200
REQUIRED NET INLET PRESSURE



F200 TYPE 27
(BRONZE BEARINGS)

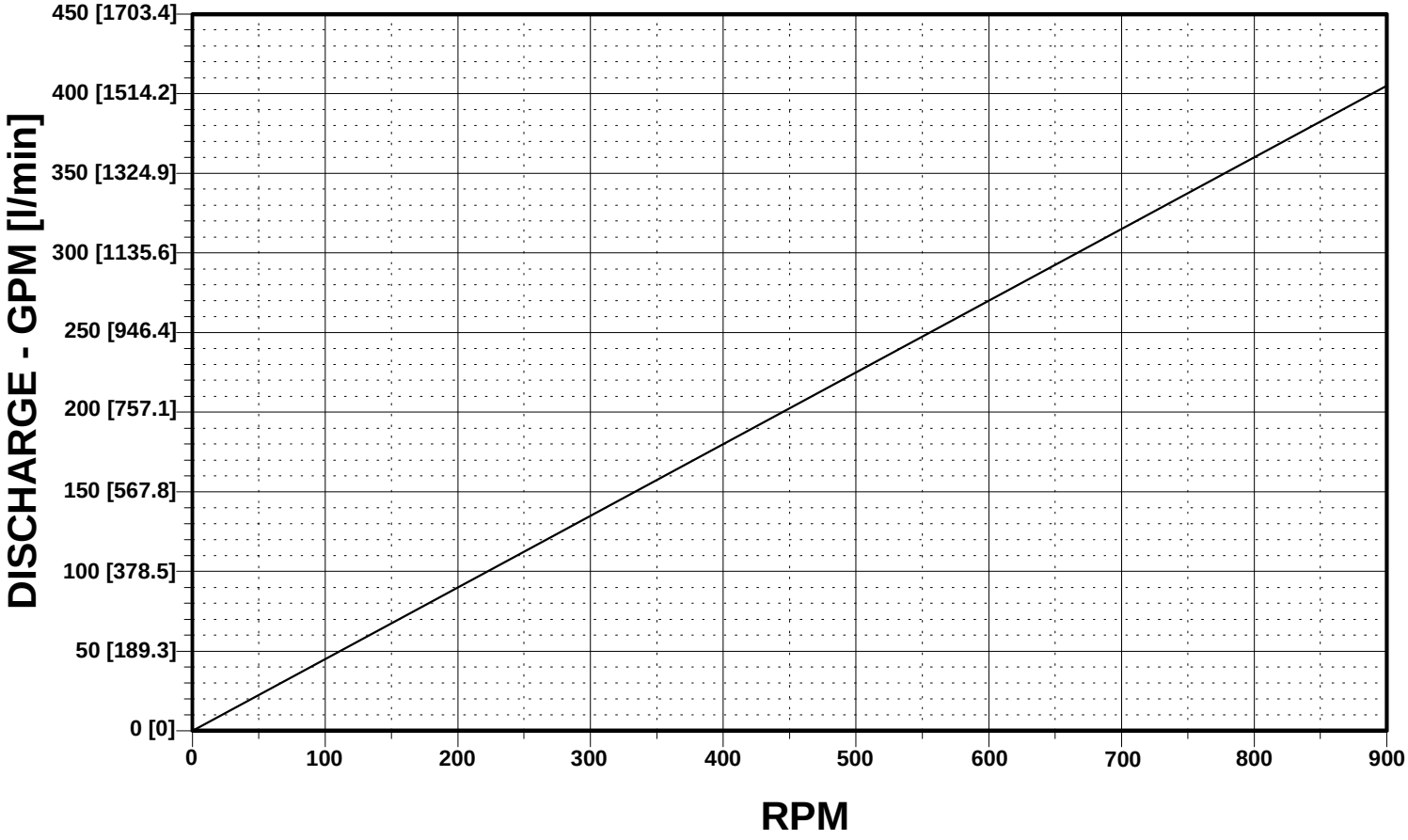


SERIES: F300

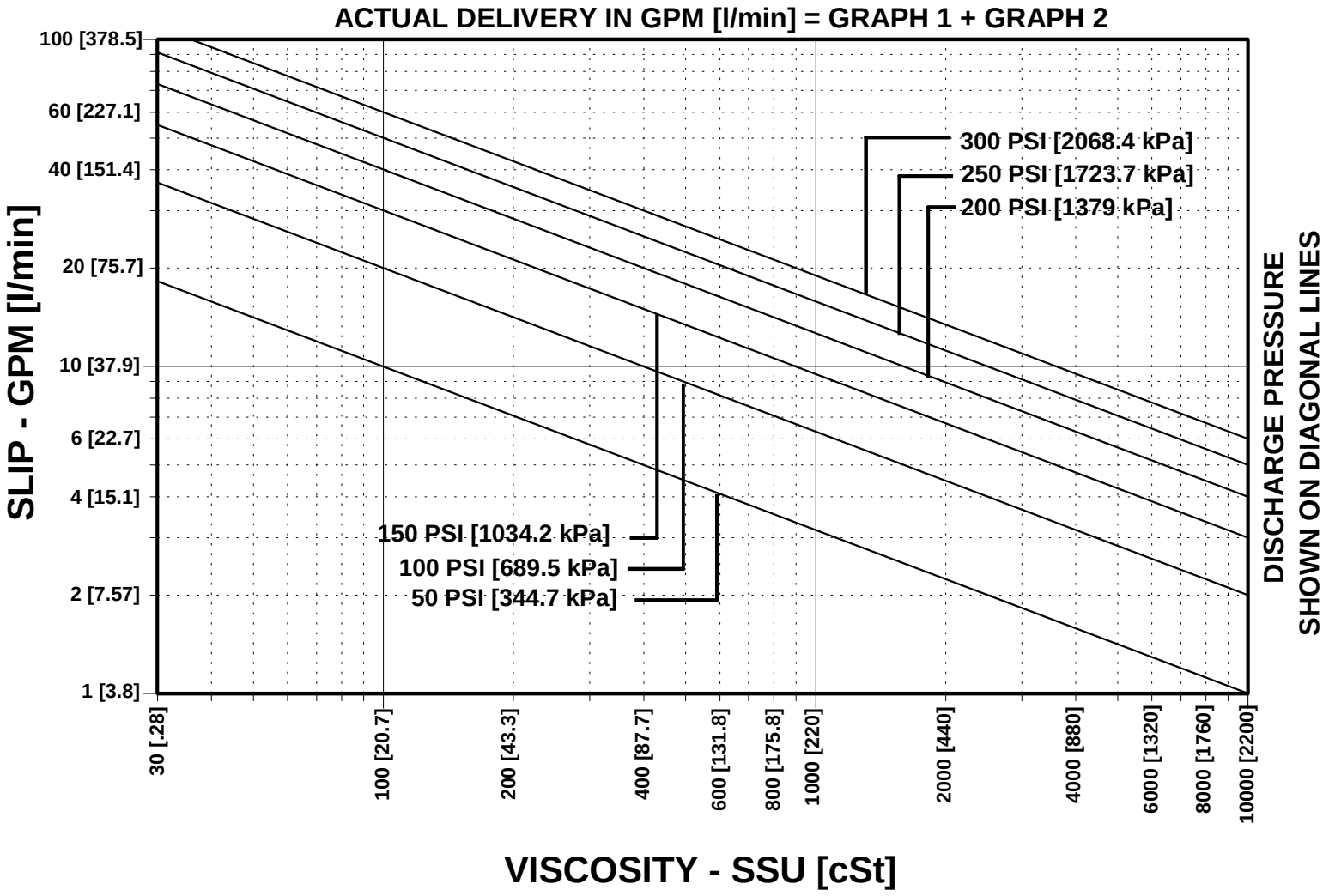
GRAPH 1

THEORETICAL GPM

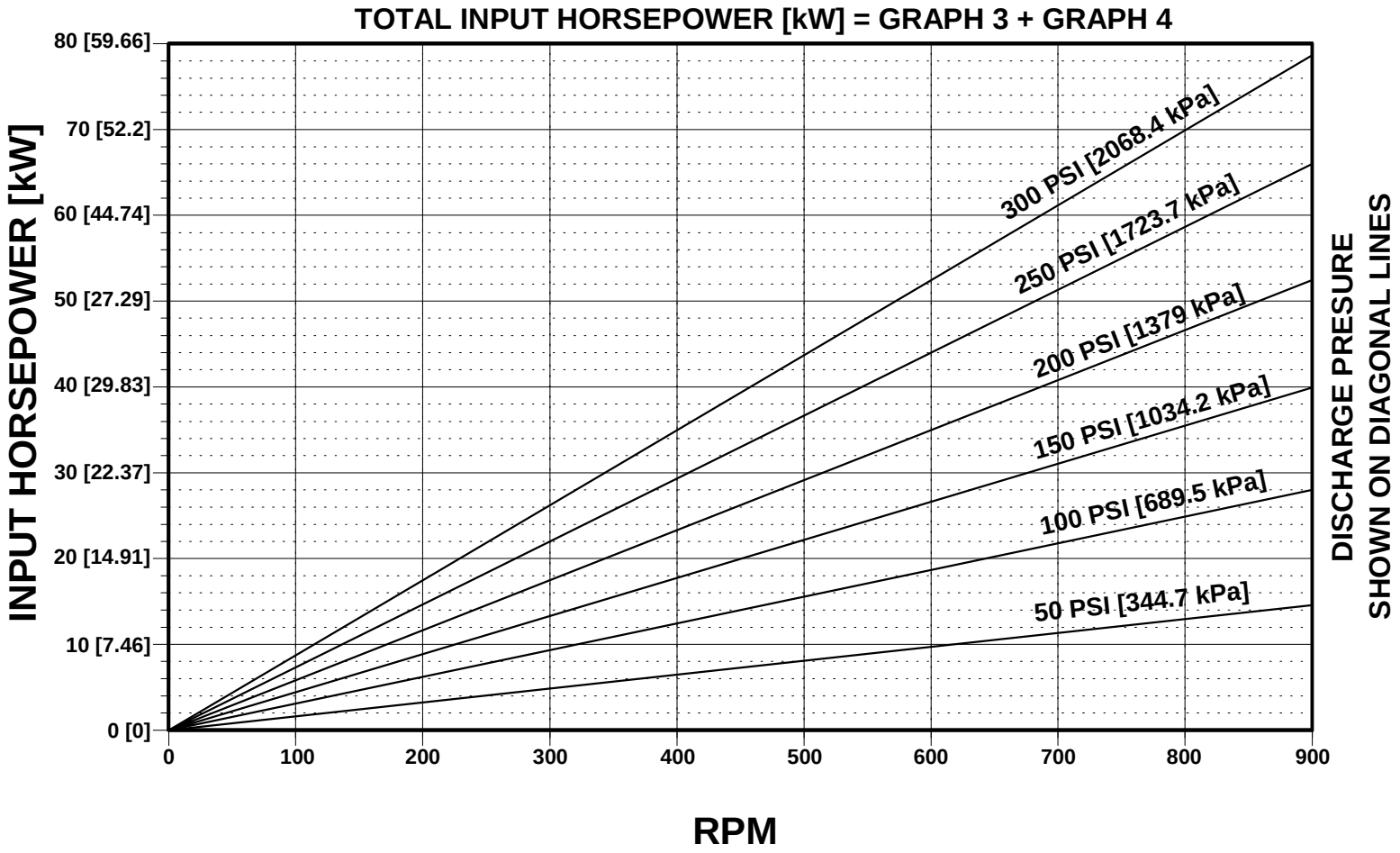
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 + GRAPH 2



SERIES: F300
GRAPH 2
SLIP

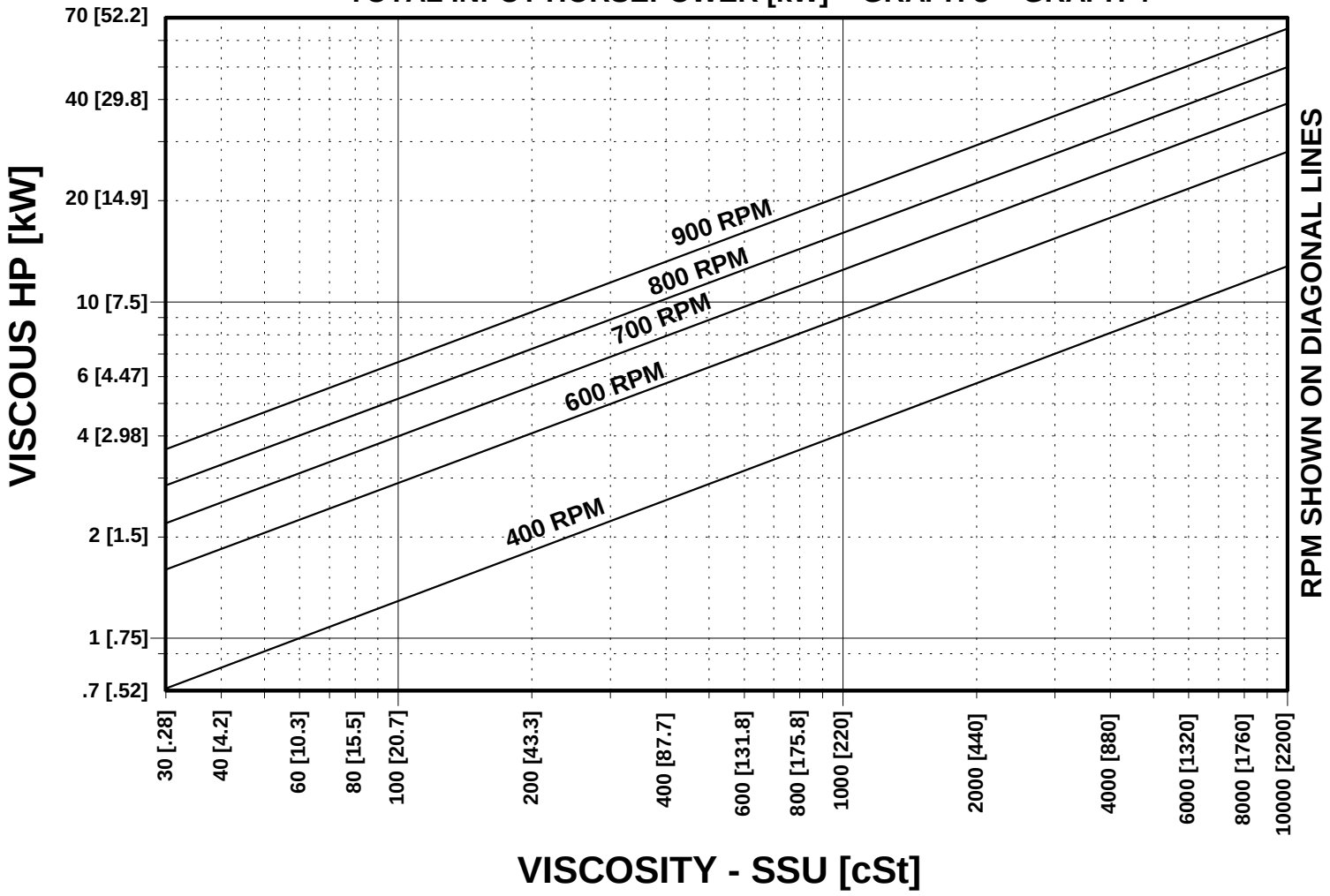


SERIES: F300
GRAPH 3
INPUT HORSEPOWER

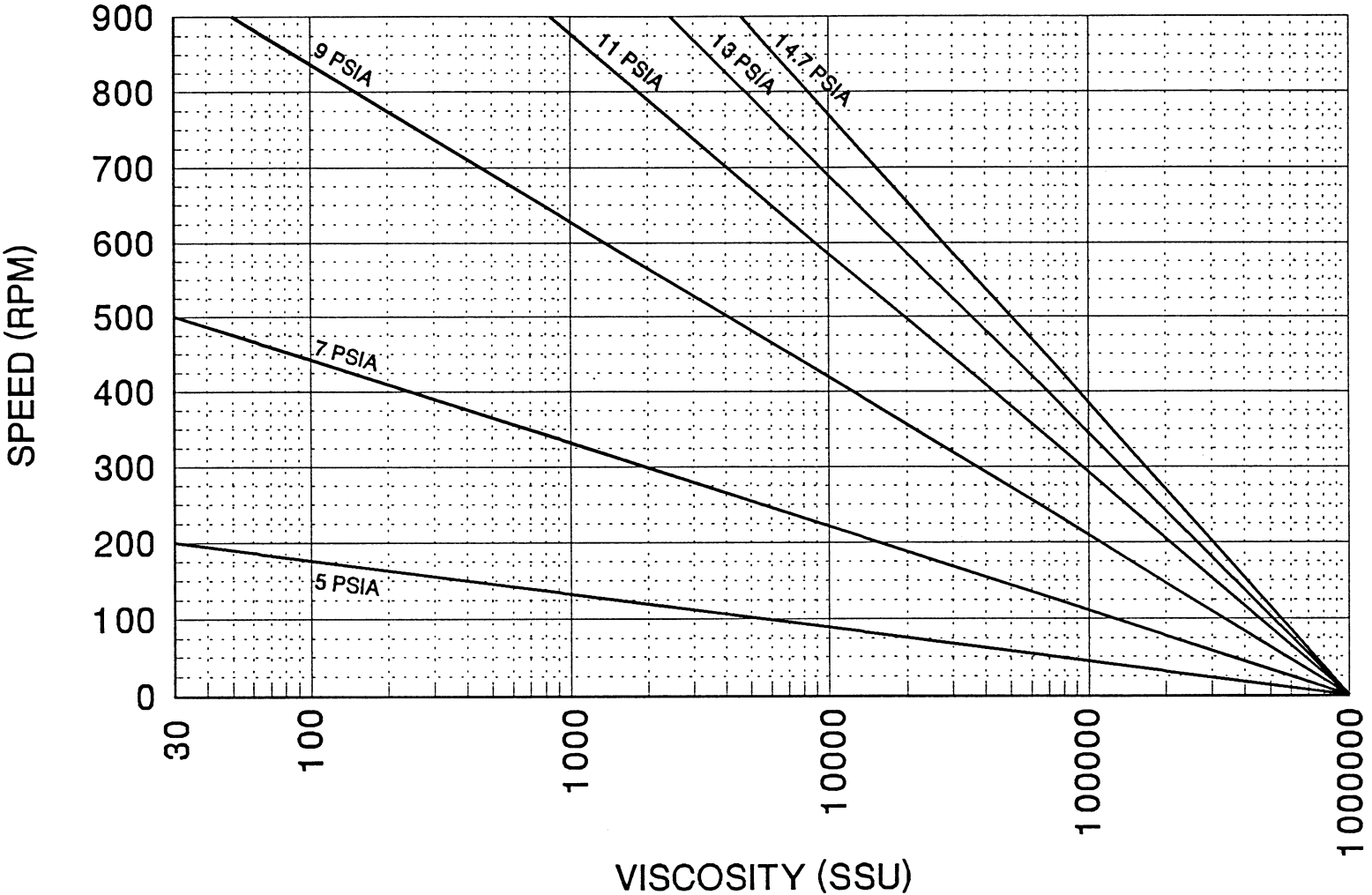


SERIES: F300
GRAPH 4
VISCOUS HORSEPOWER

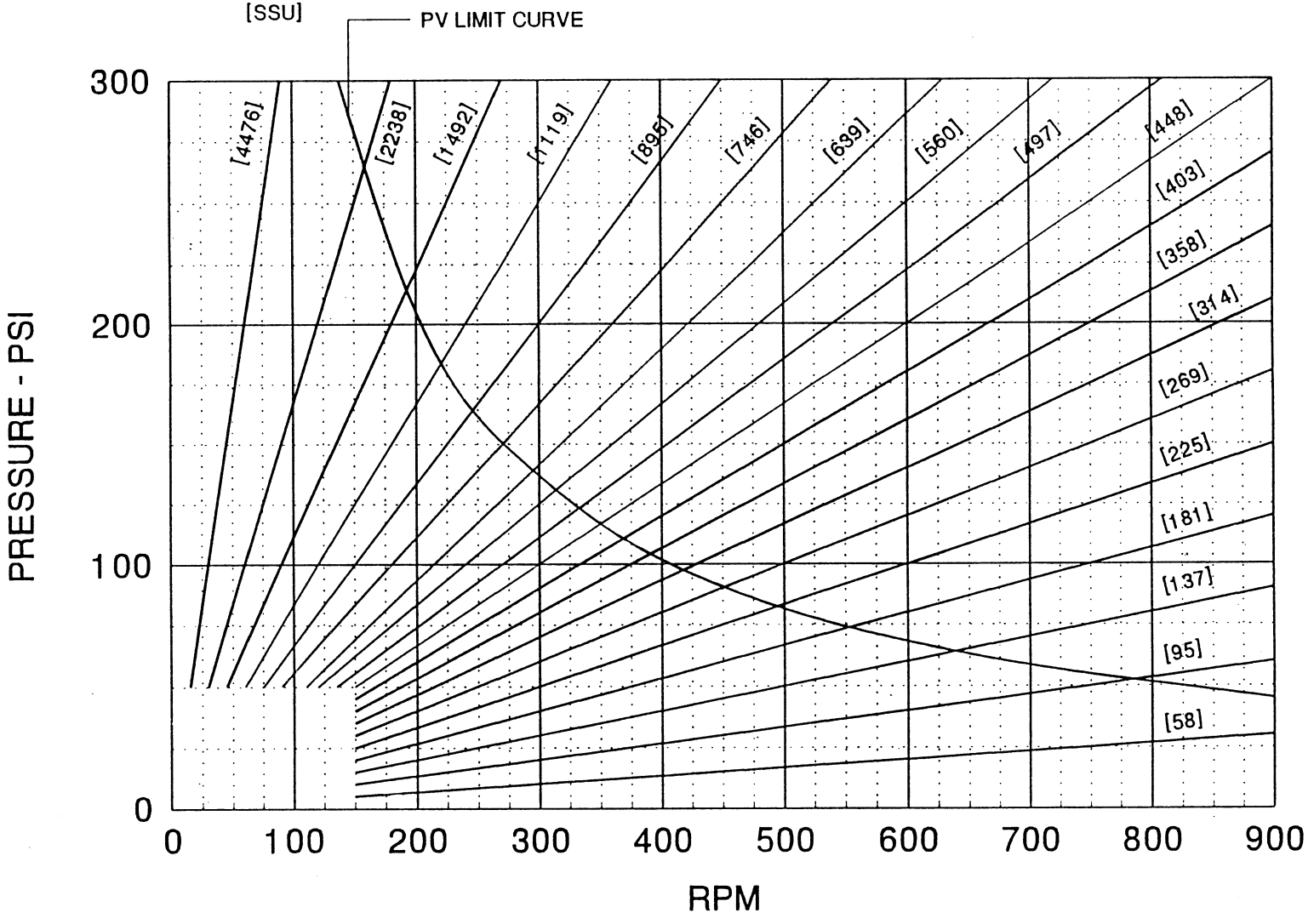
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



F300
REQUIRED NET INLET PRESSURE



F300 TYPE 27
(BRONZE BEARINGS)



F300 TYPE 27
(IRON BEARINGS)