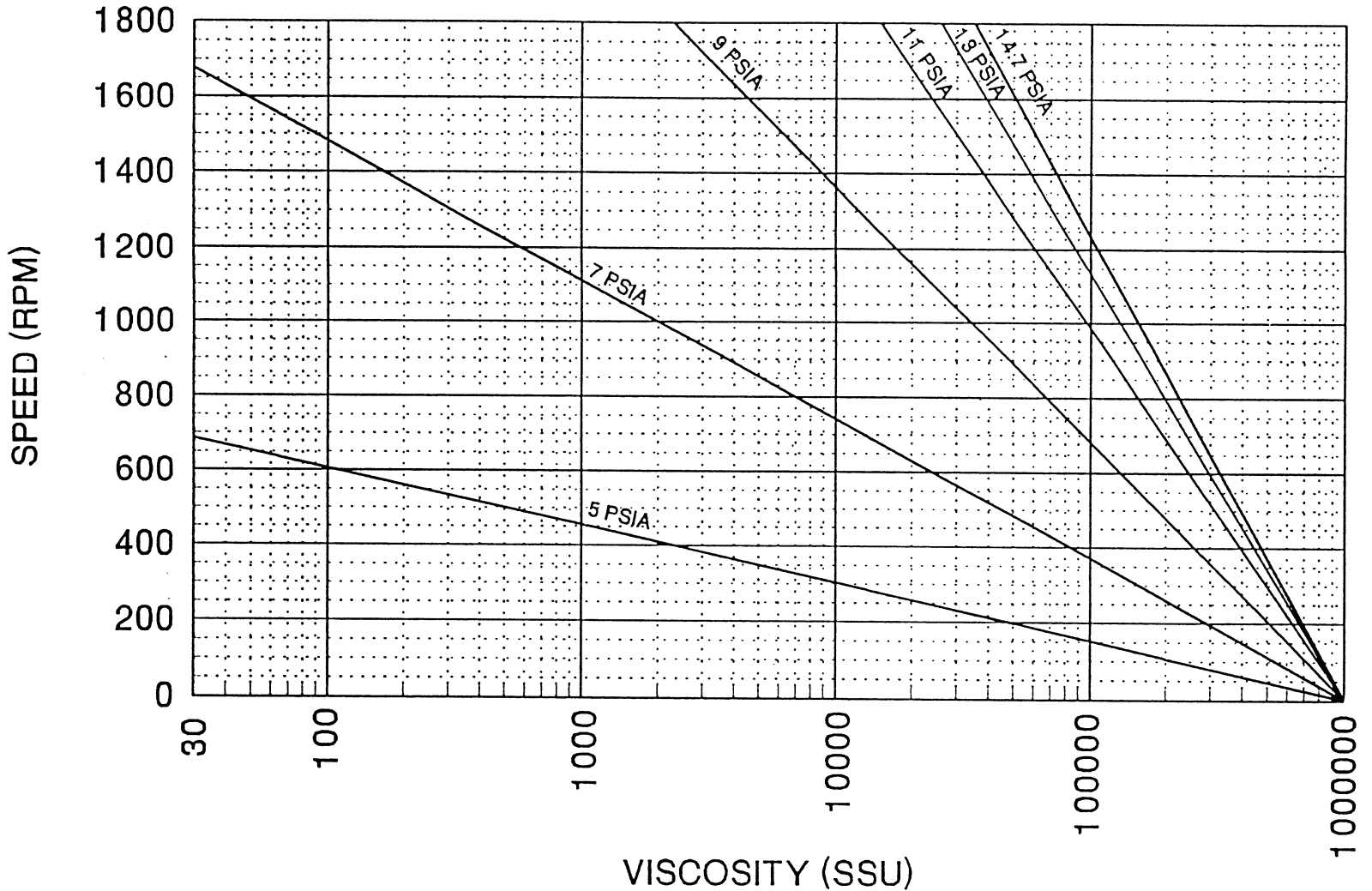
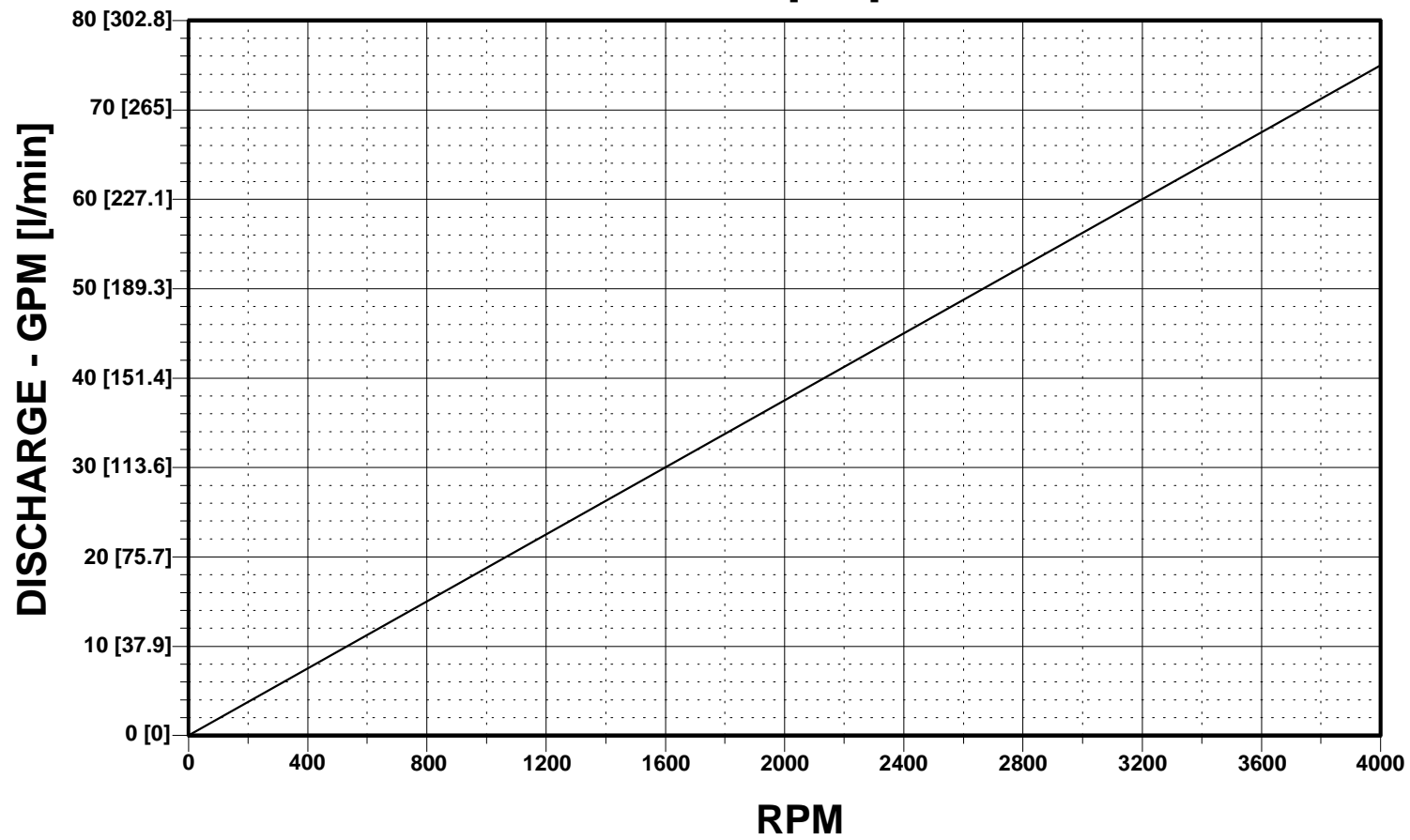


# AE 19, 29, 54, 75 REQUIRED NET INLET PRESSURE



**SERIES: AE19**  
**GRAPH 1**  
**THEORETICAL GPM**

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

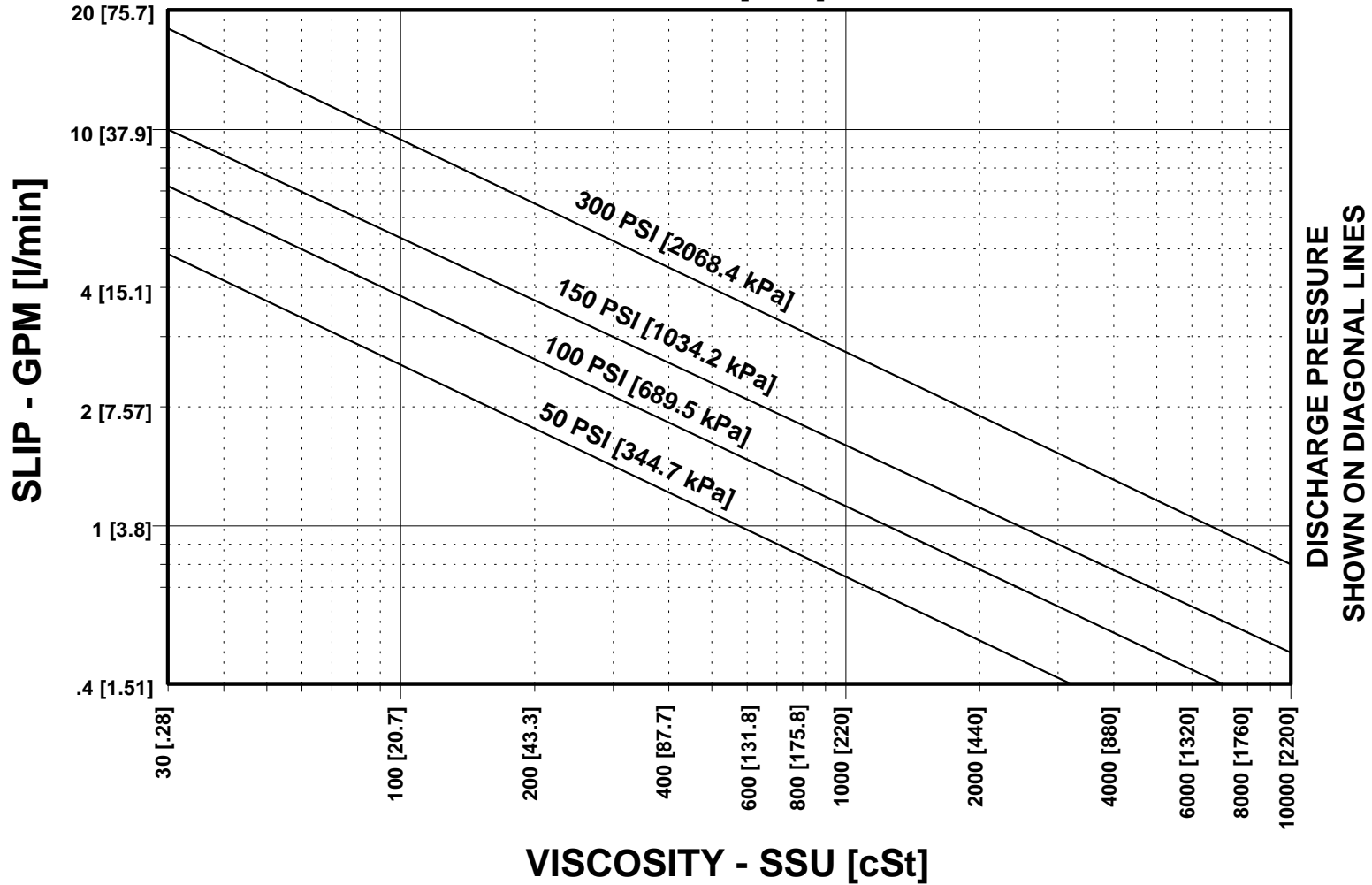


# SERIES: AE19

## GRAPH 2

### SLIP

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

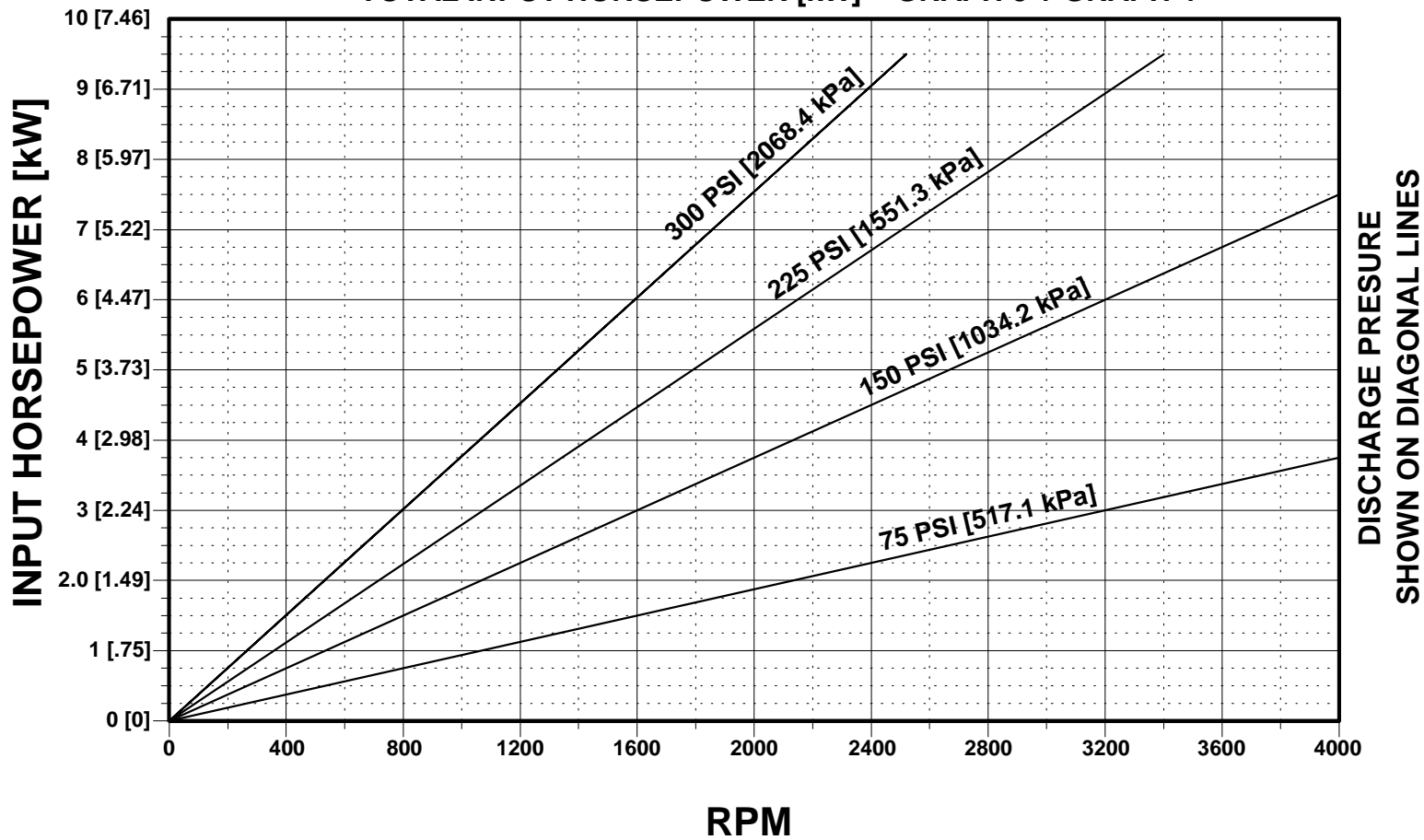


# SERIES: AE19

## GRAPH 3

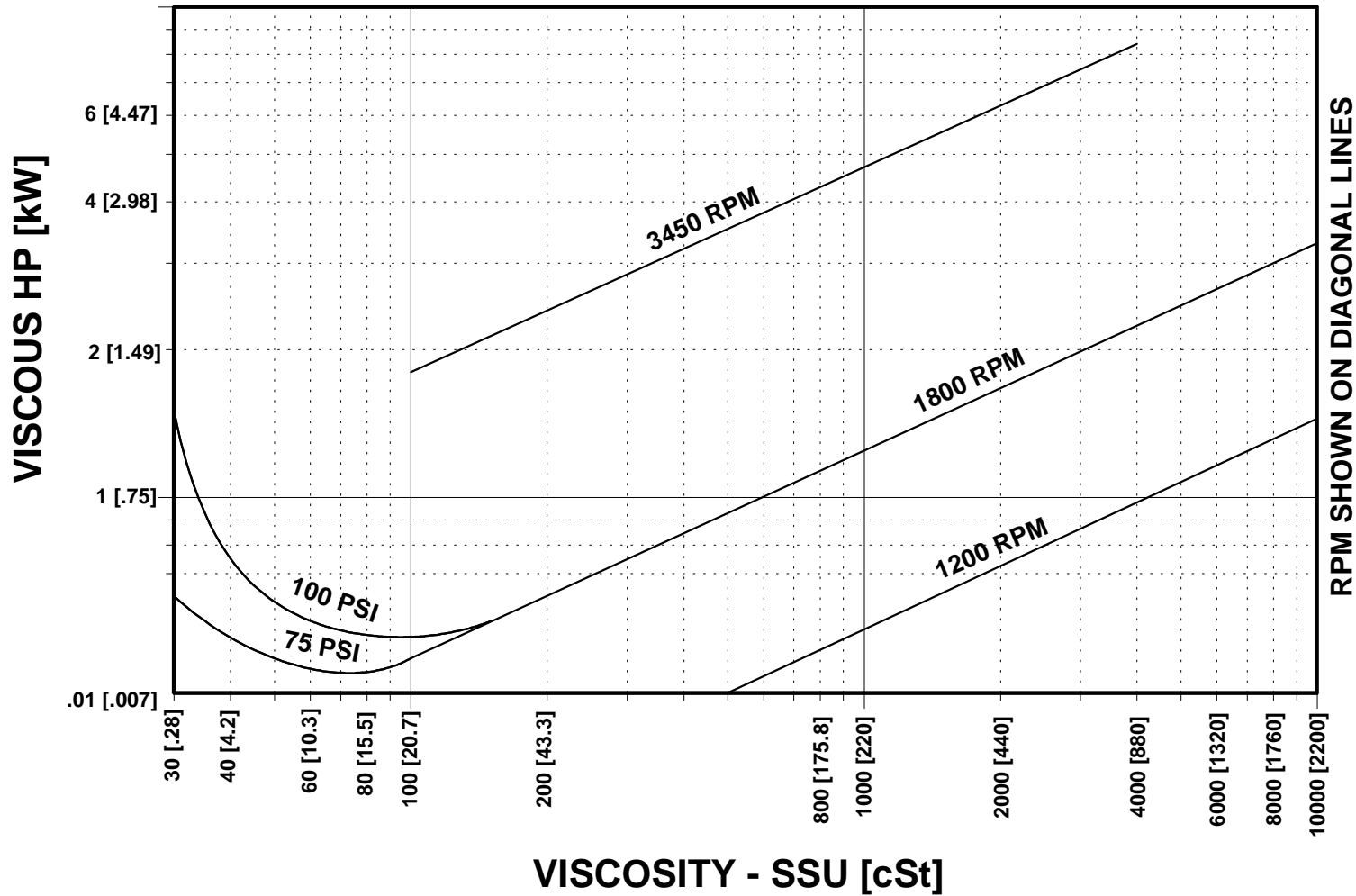
### INPUT HORSEPOWER

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

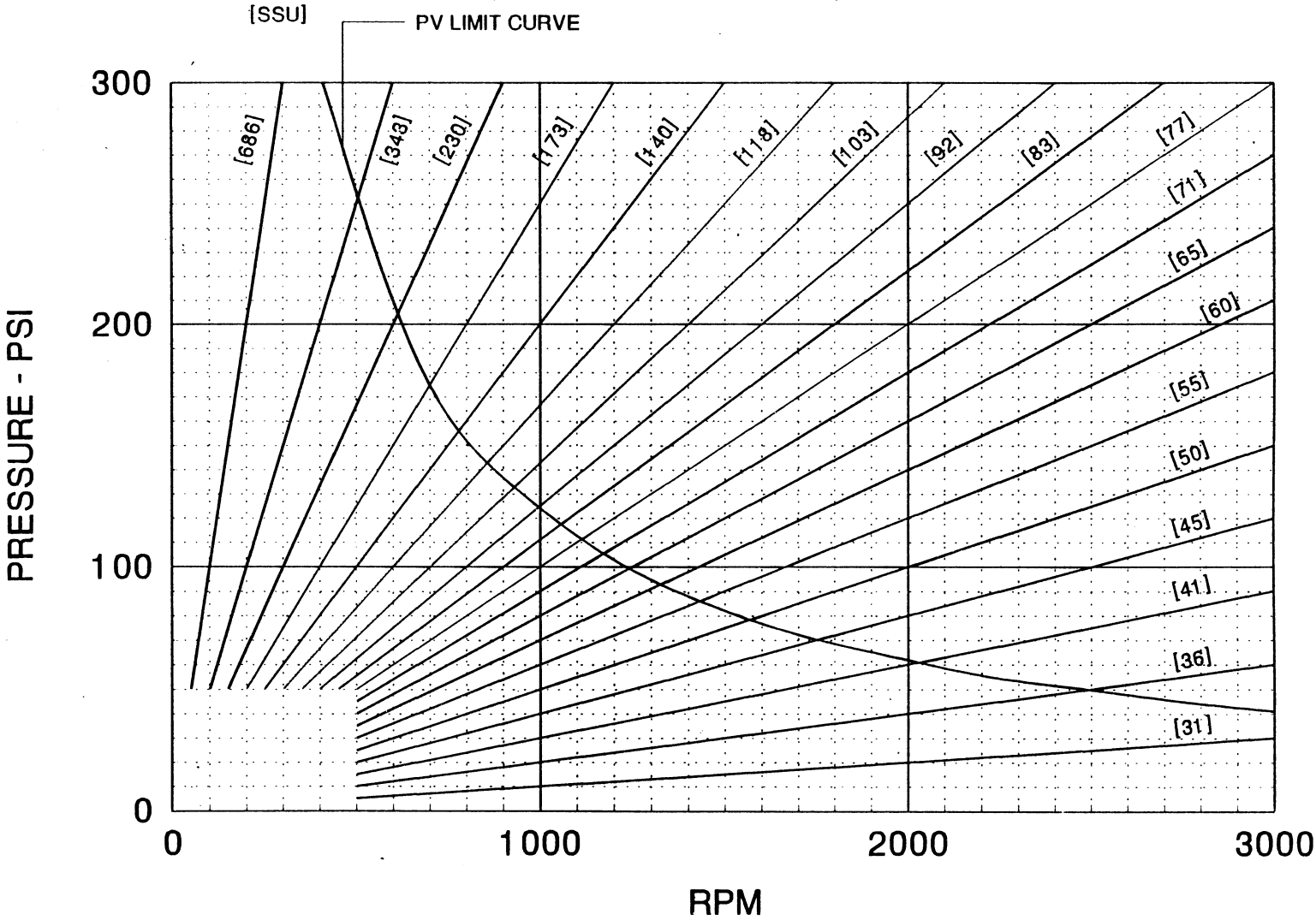


# SERIES: AE19 GRAPH 4 VISCIOUS HORSEPOWER

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

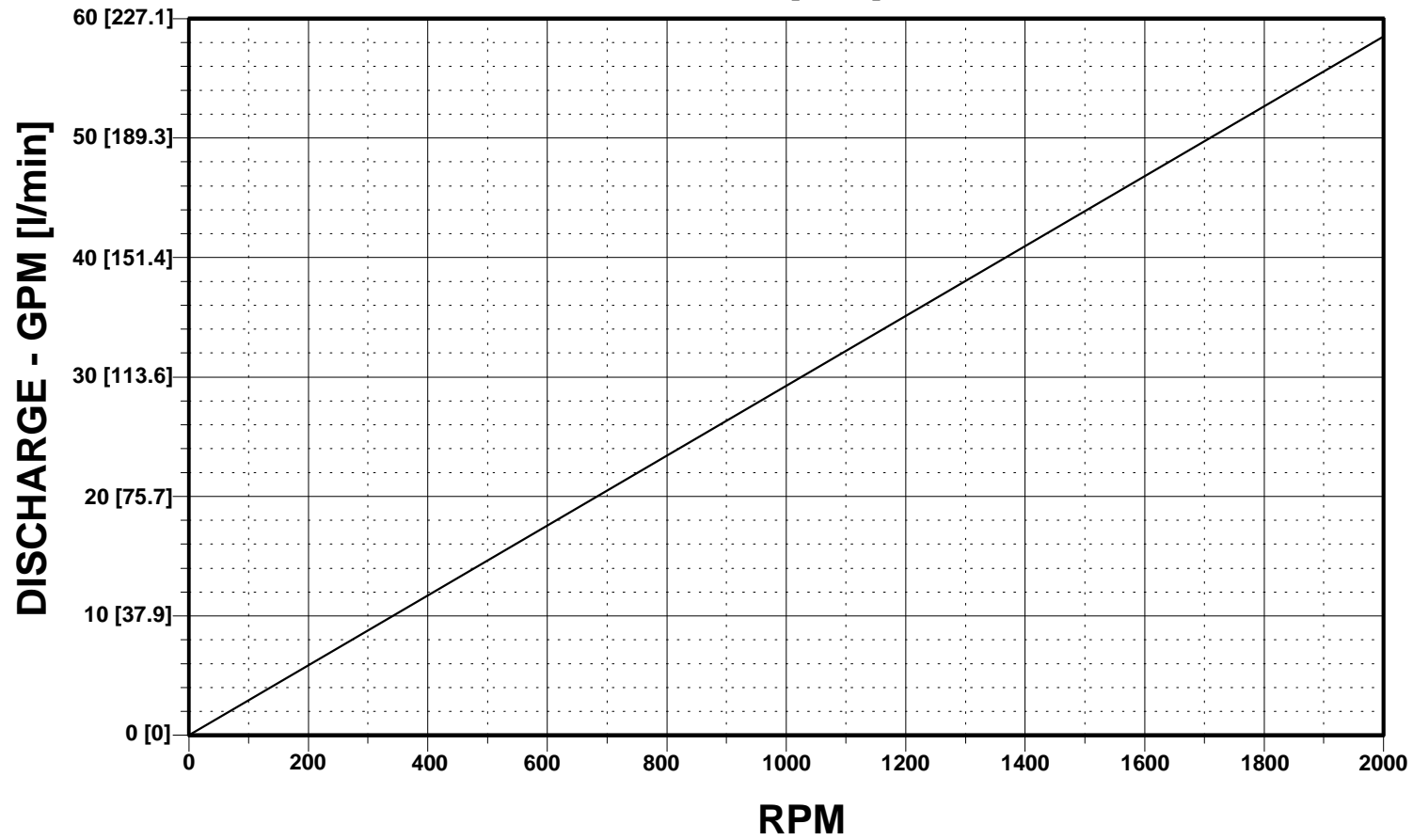


# AE19 (BRONZE BEARINGS)



**SERIES: AE29**  
**GRAPH 1**  
**THEORETICAL GPM**

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

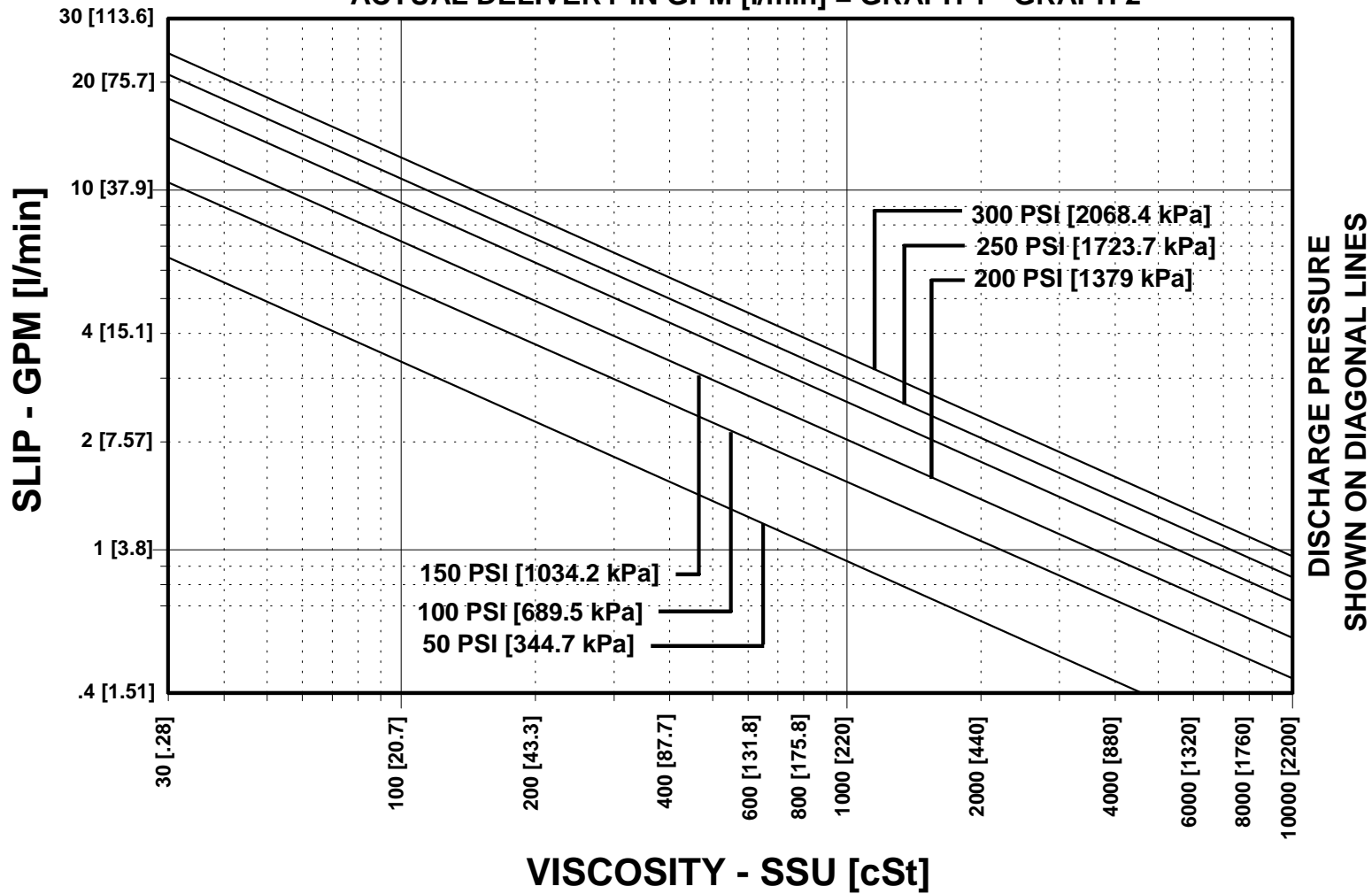


# SERIES: AE29

## GRAPH 2

### SLIP

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



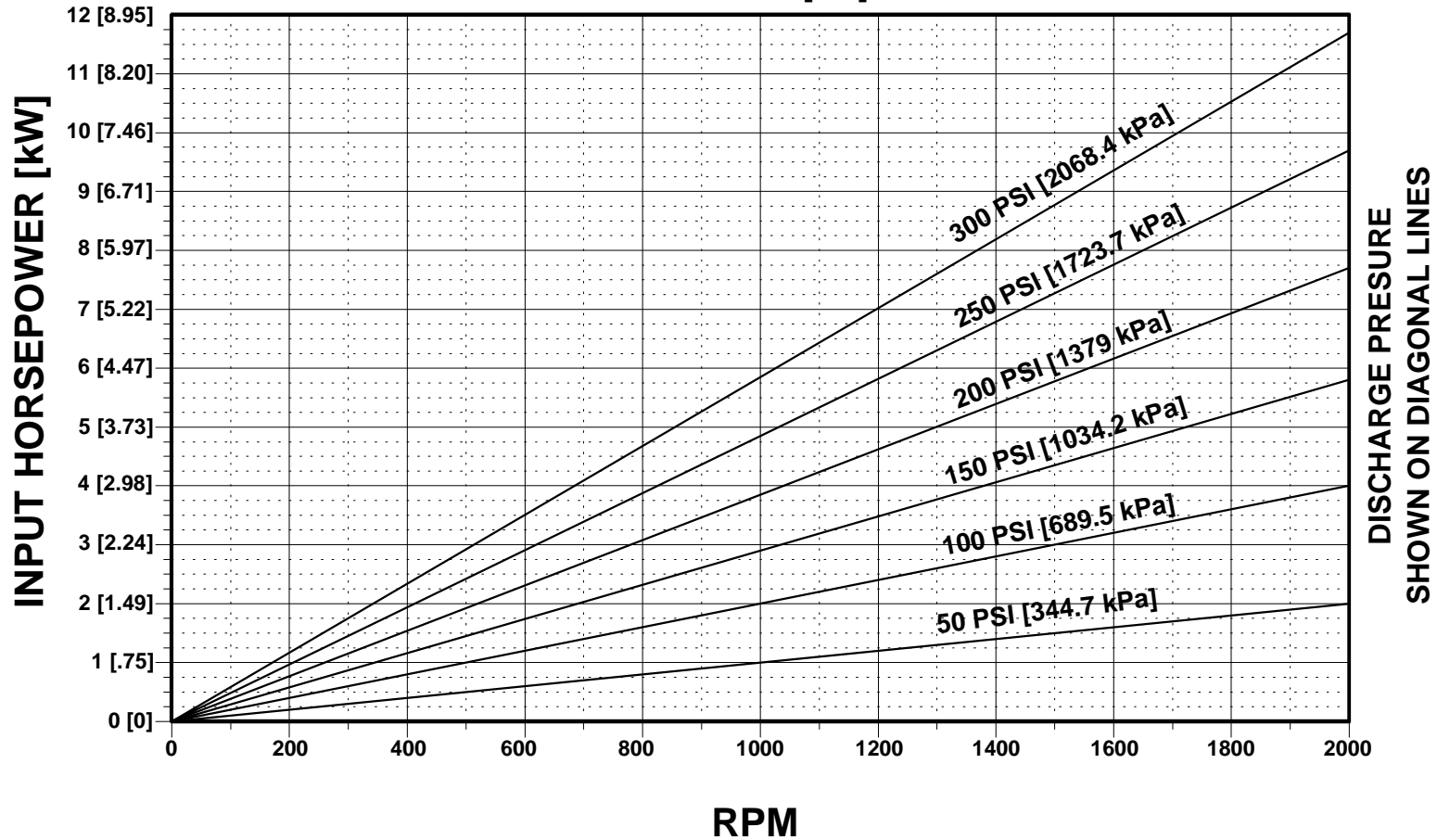


# SERIES: AE29

## GRAPH 3

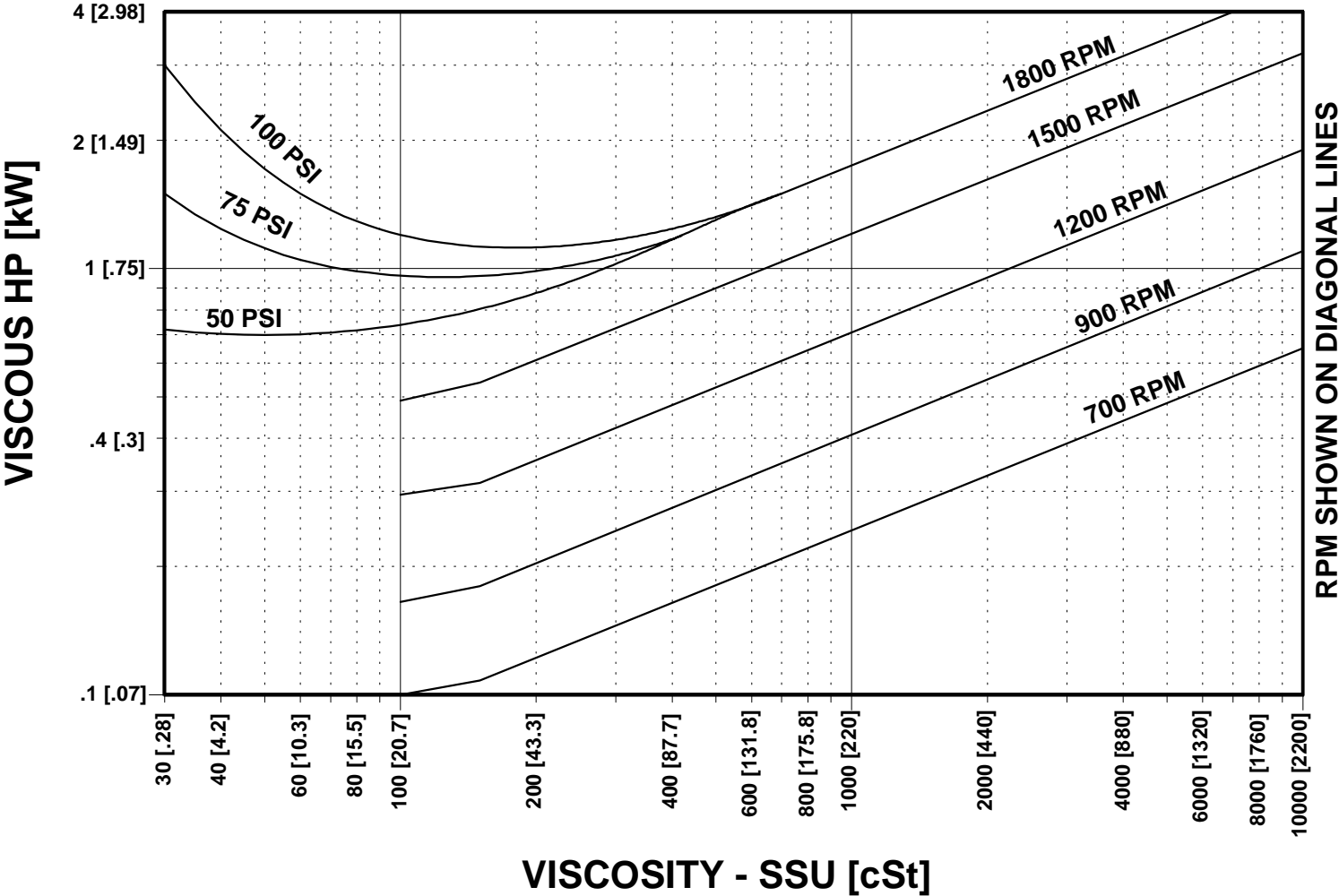
### INPUT HORSEPOWER

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

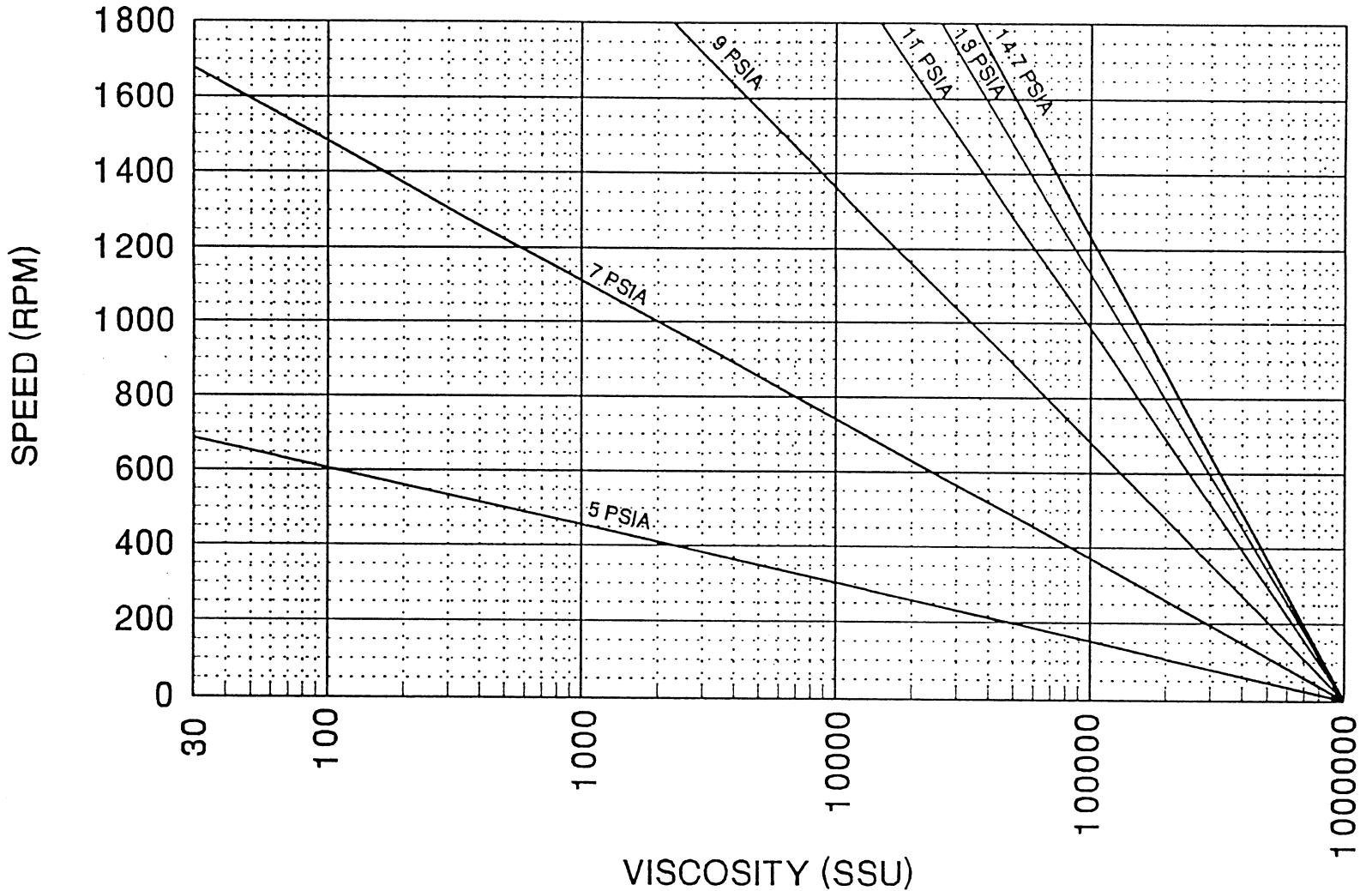


**SERIES: AE29**  
**GRAPH 4**  
**VISCOUS HORSEPOWER**

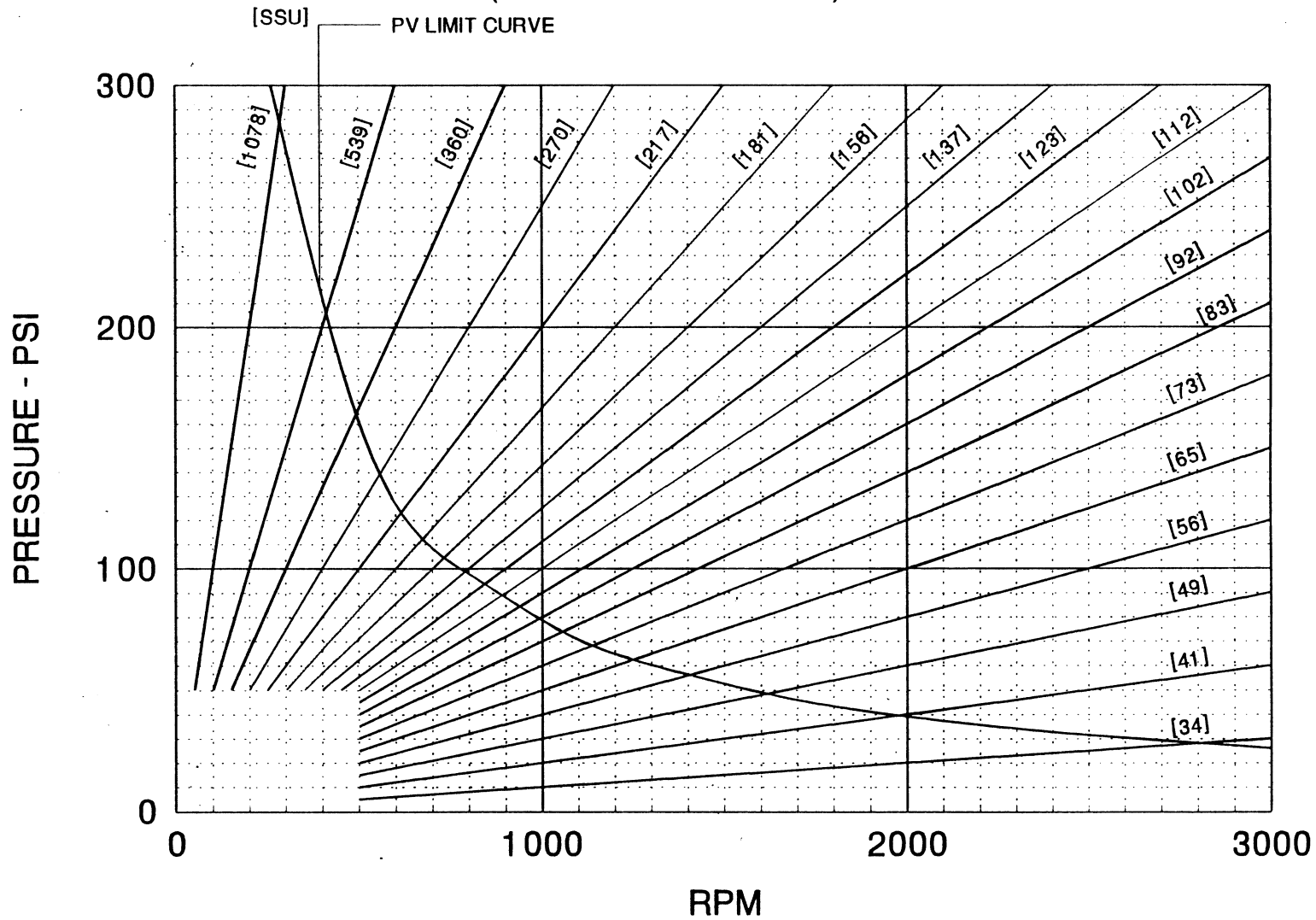
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



# AE 19, 29, 54, 75 REQUIRED NET INLET PRESSURE

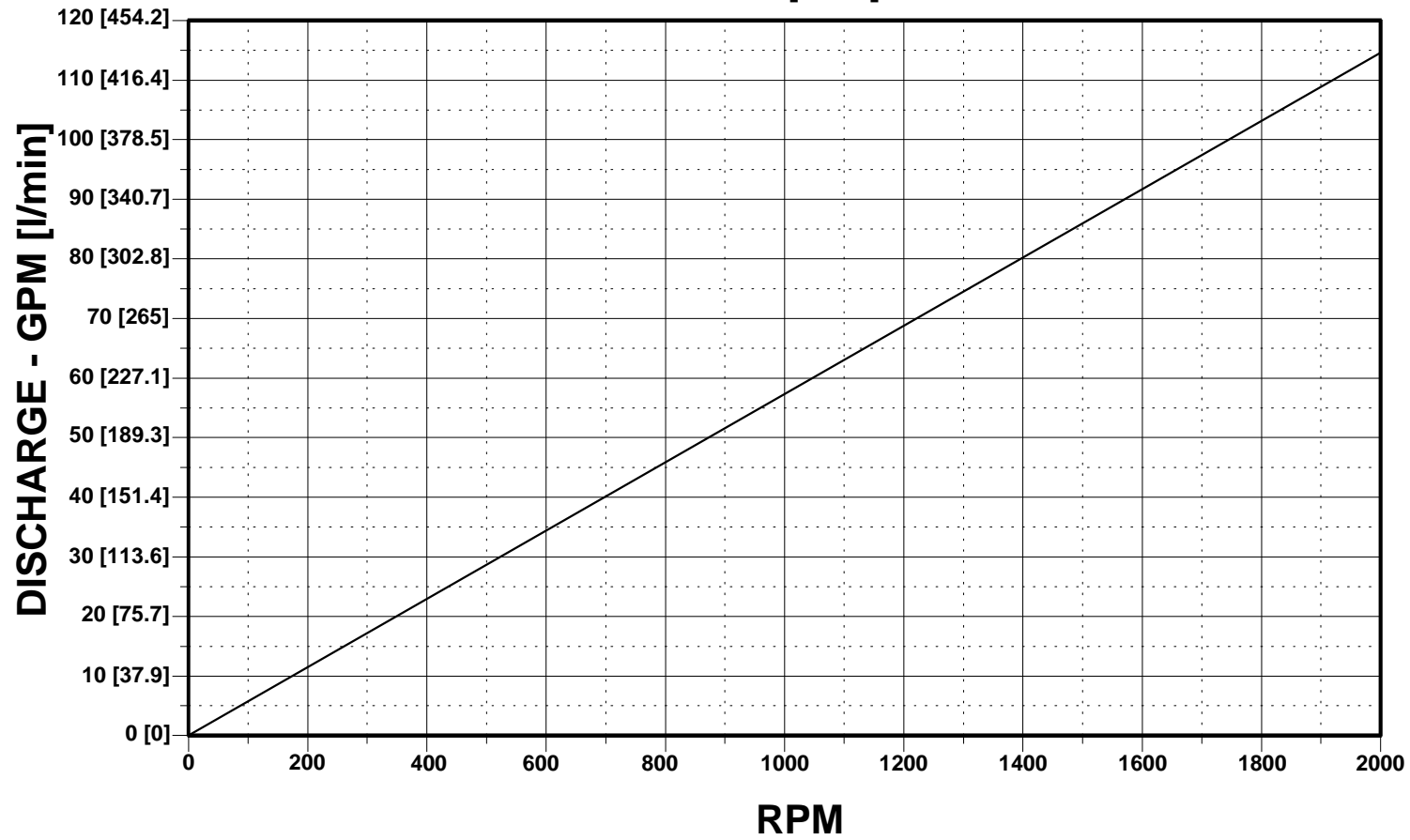


# AE29 (BRONZE BEARINGS)



**SERIES: AE54**  
**GRAPH 1**  
**THEORETICAL GPM**

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

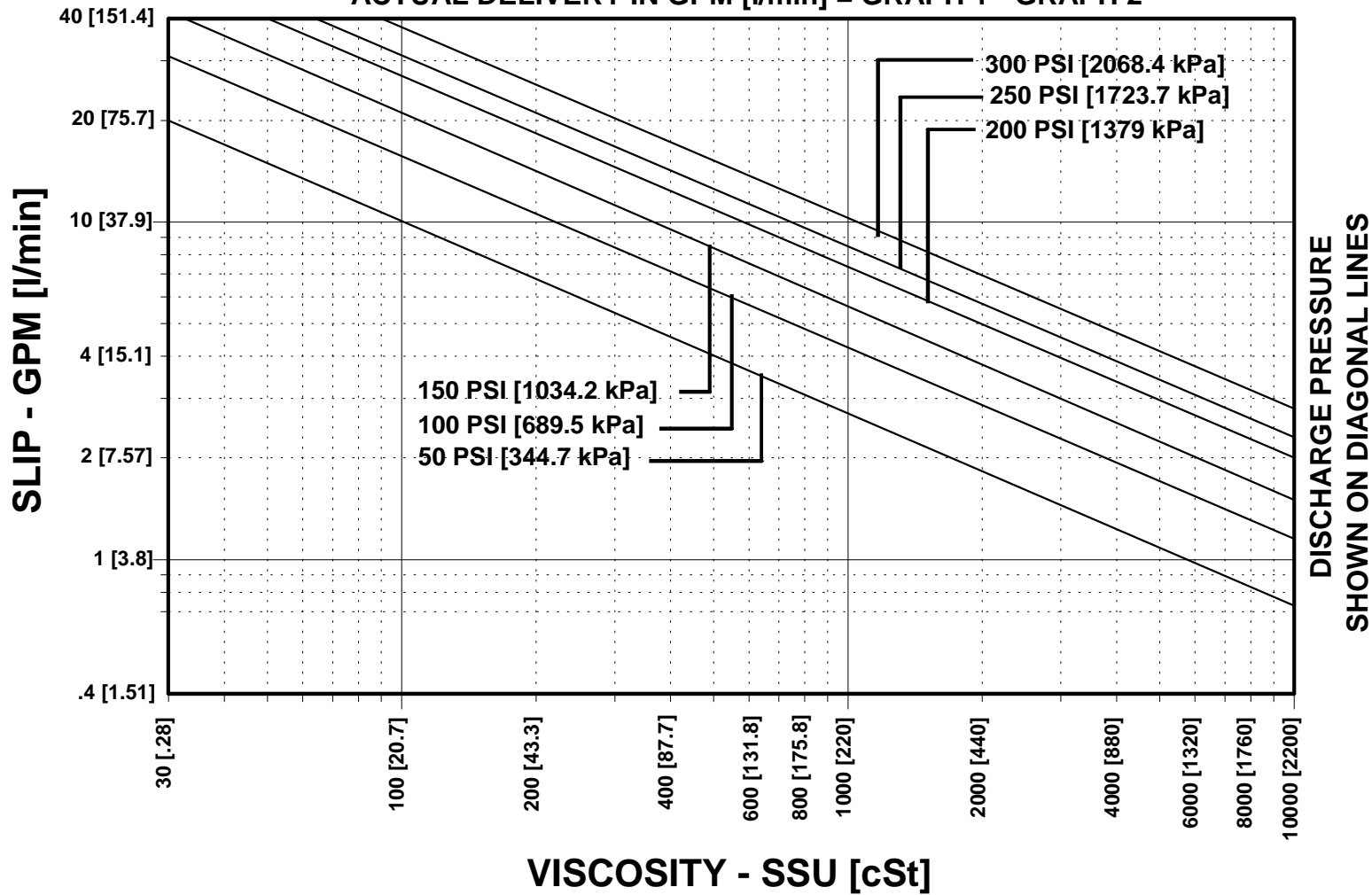


# SERIES: AE54

## GRAPH 2

### SLIP

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

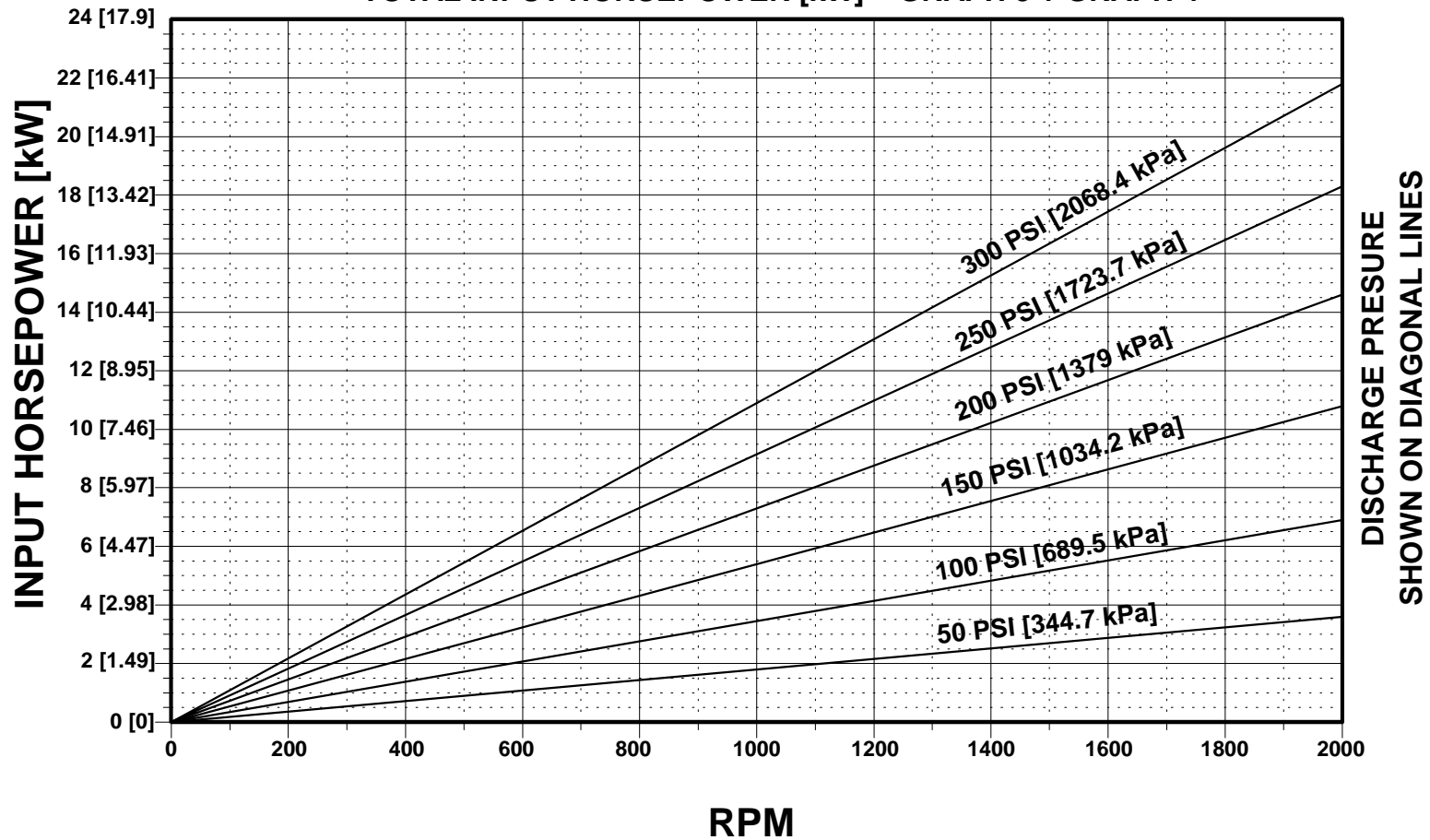


# SERIES: AE54

## GRAPH 3

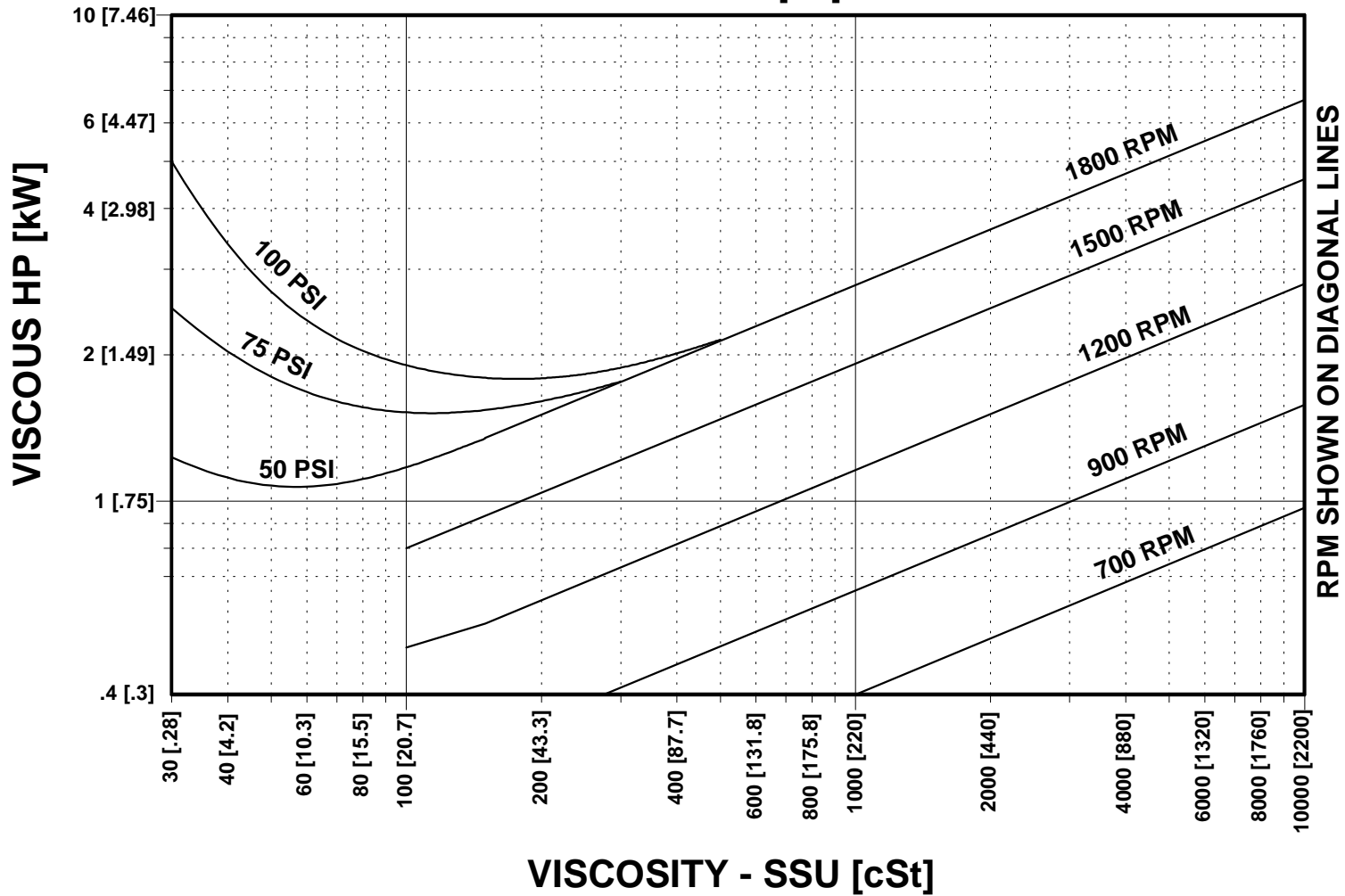
### INPUT HORSEPOWER

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



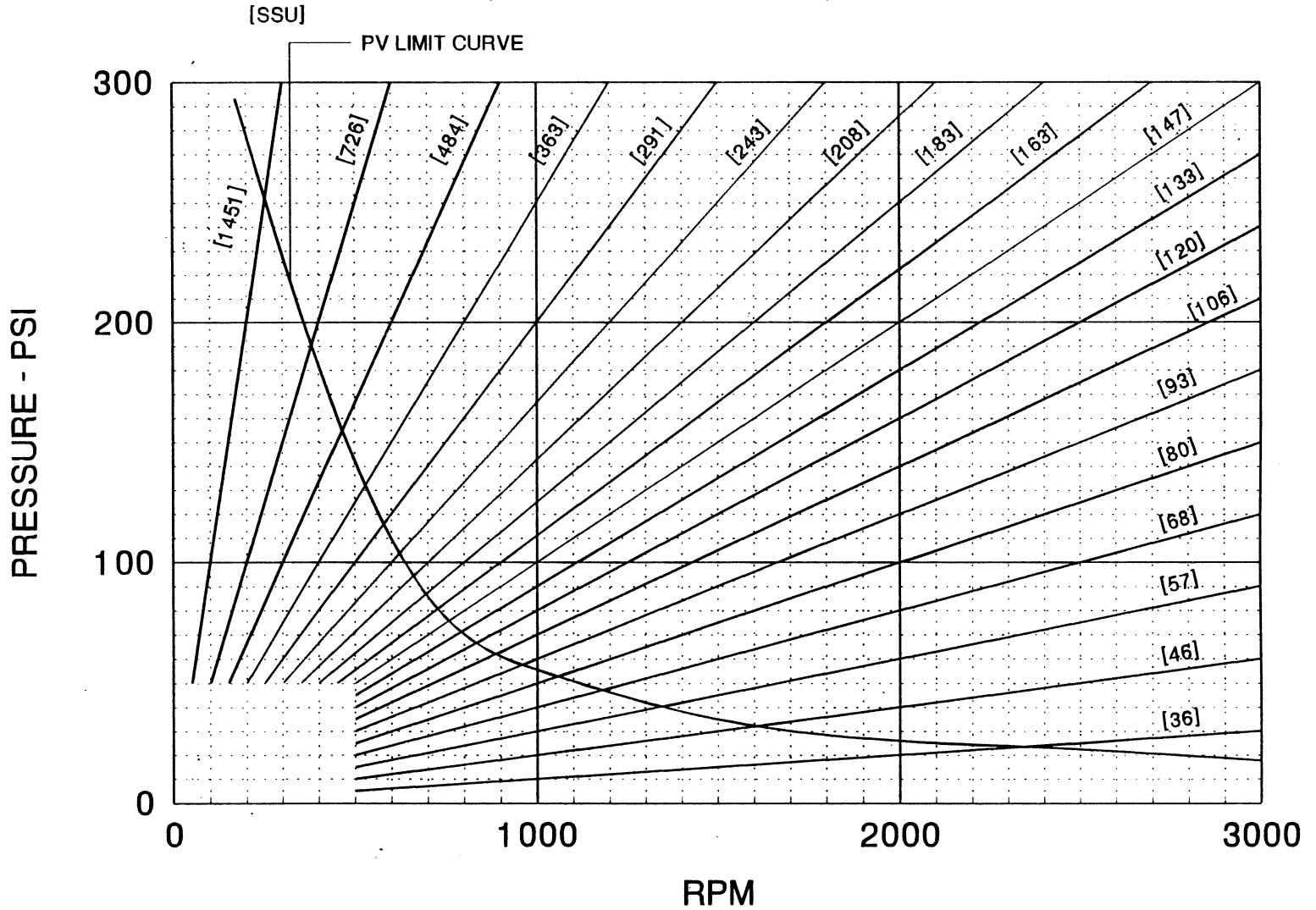
# SERIES: AE54 GRAPH 4 VISCIOUS HORSEPOWER

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



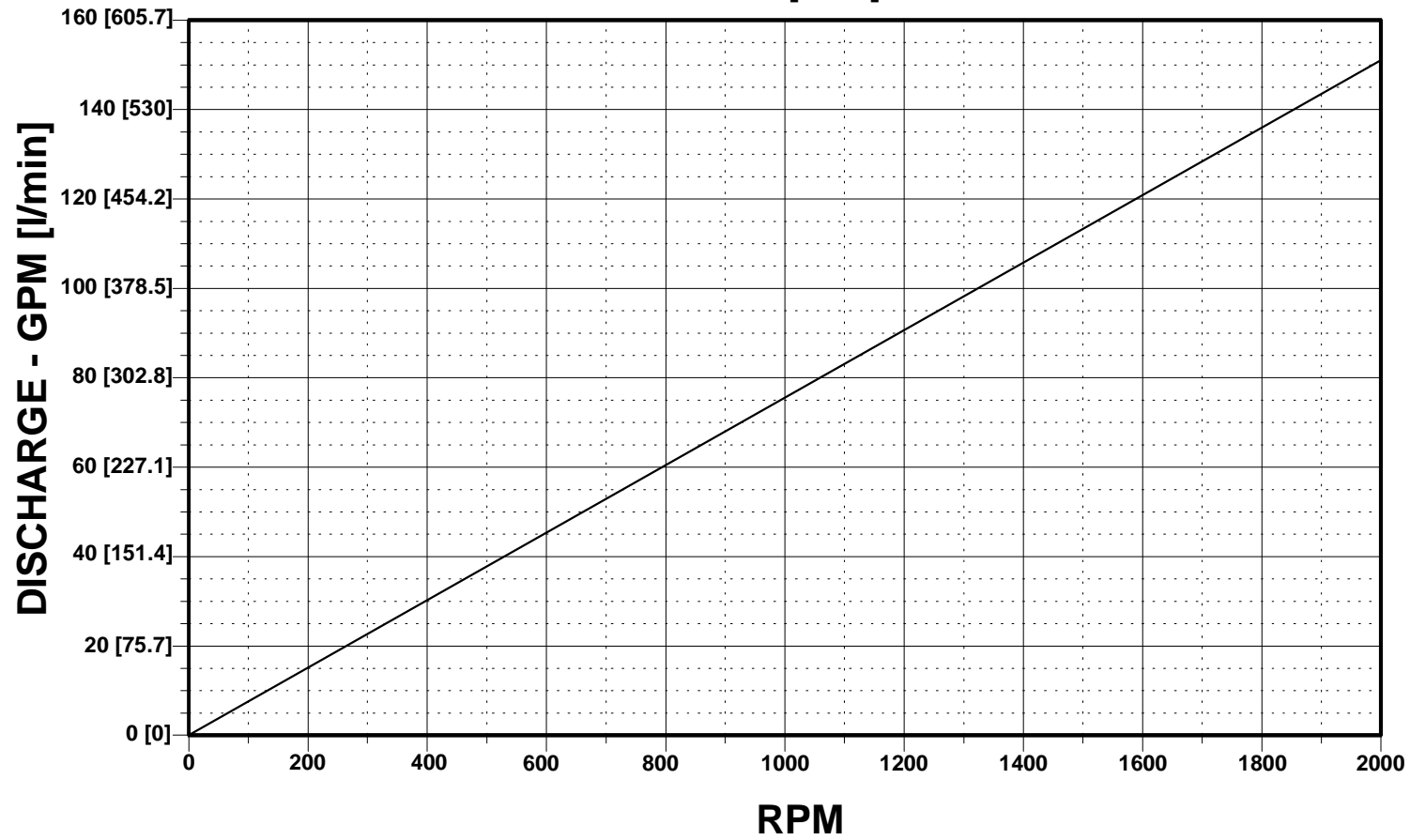


# AE54 (BRONZE BEARINGS)



**SERIES: AE75**  
**GRAPH 1**  
**THEORETICAL GPM**

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

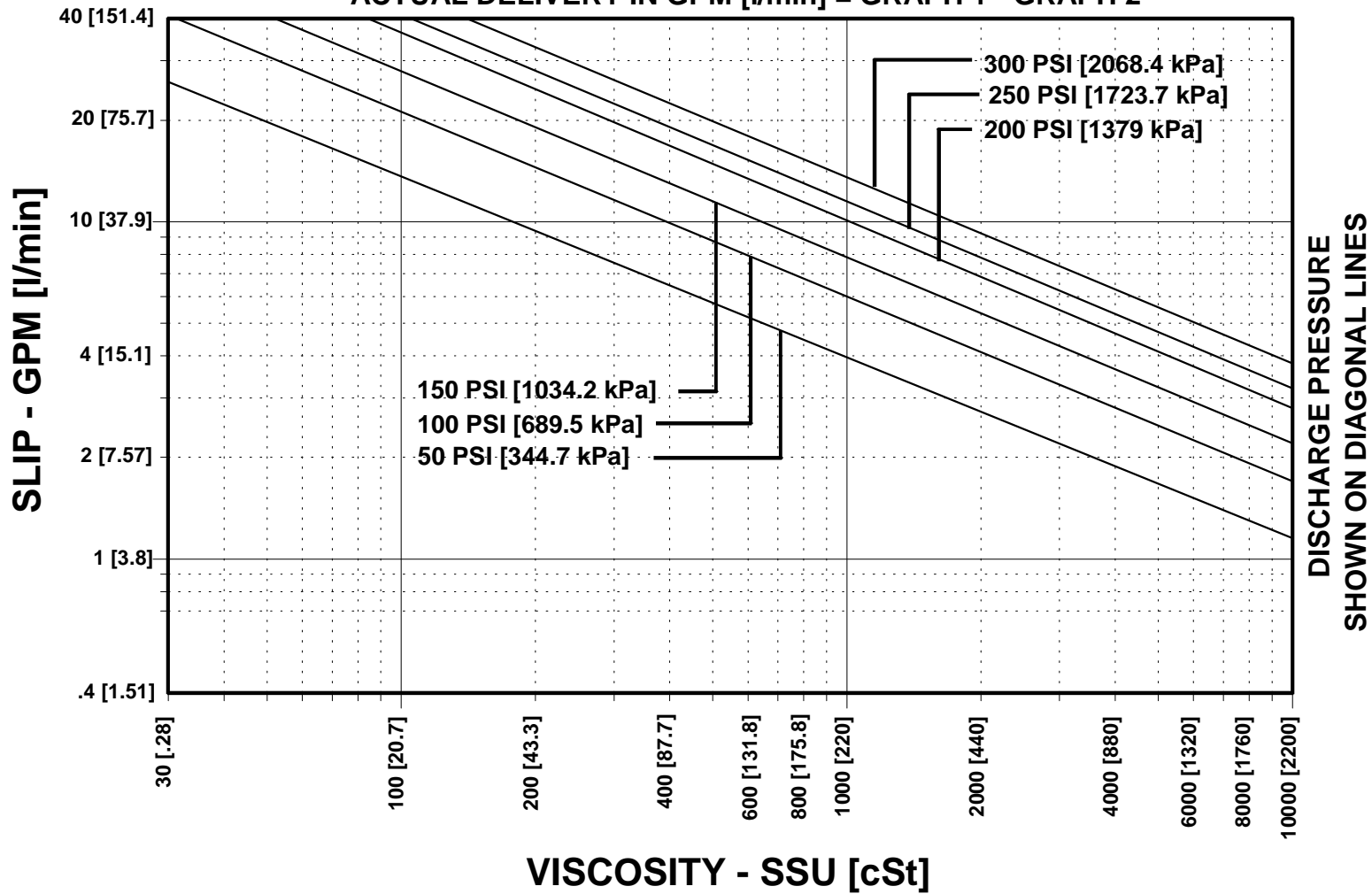


# SERIES: AE75

## GRAPH 2

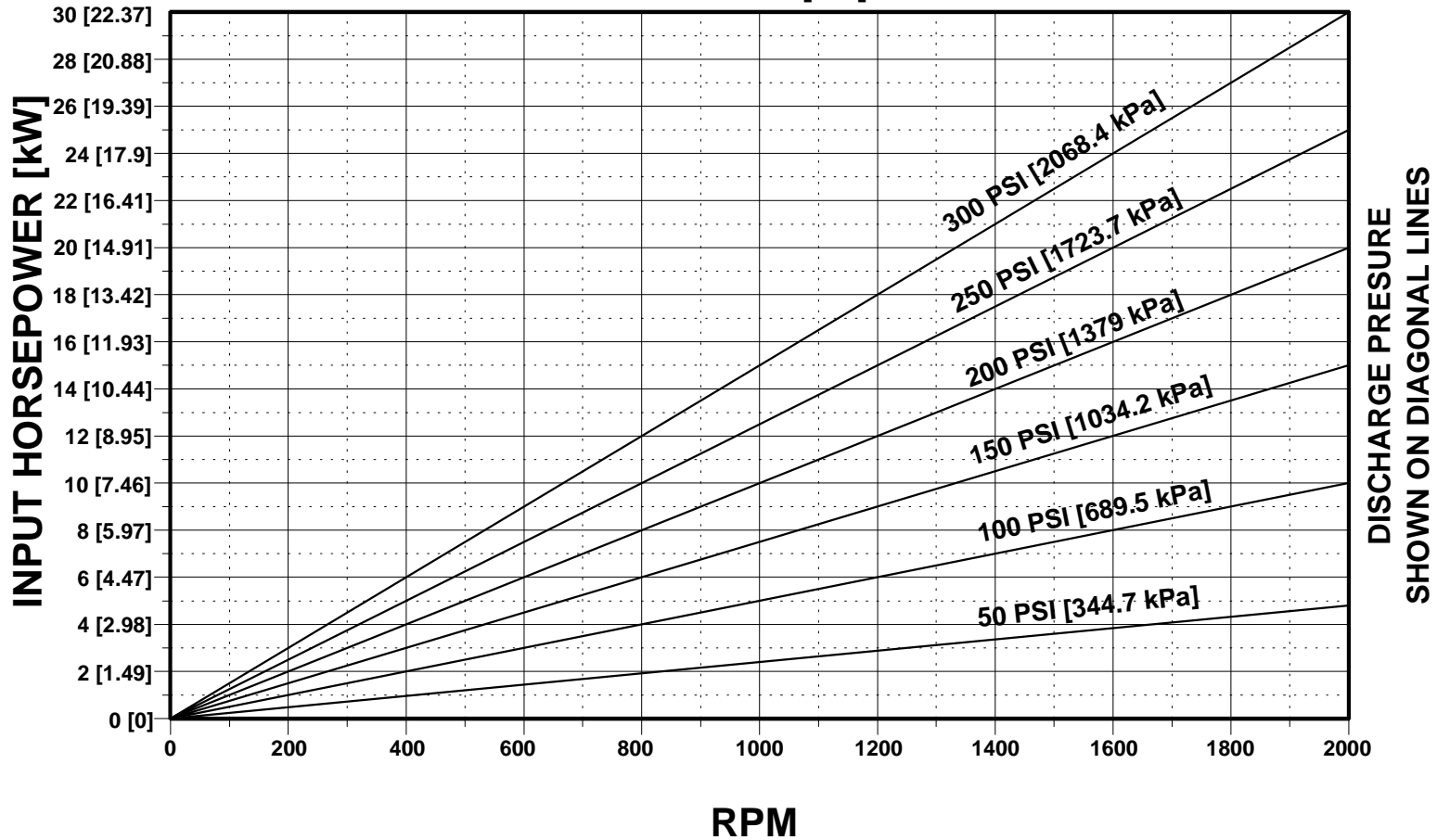
### SLIP

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



**SERIES: AE75**  
**GRAPH 3**  
**INPUT HORSEPOWER**

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

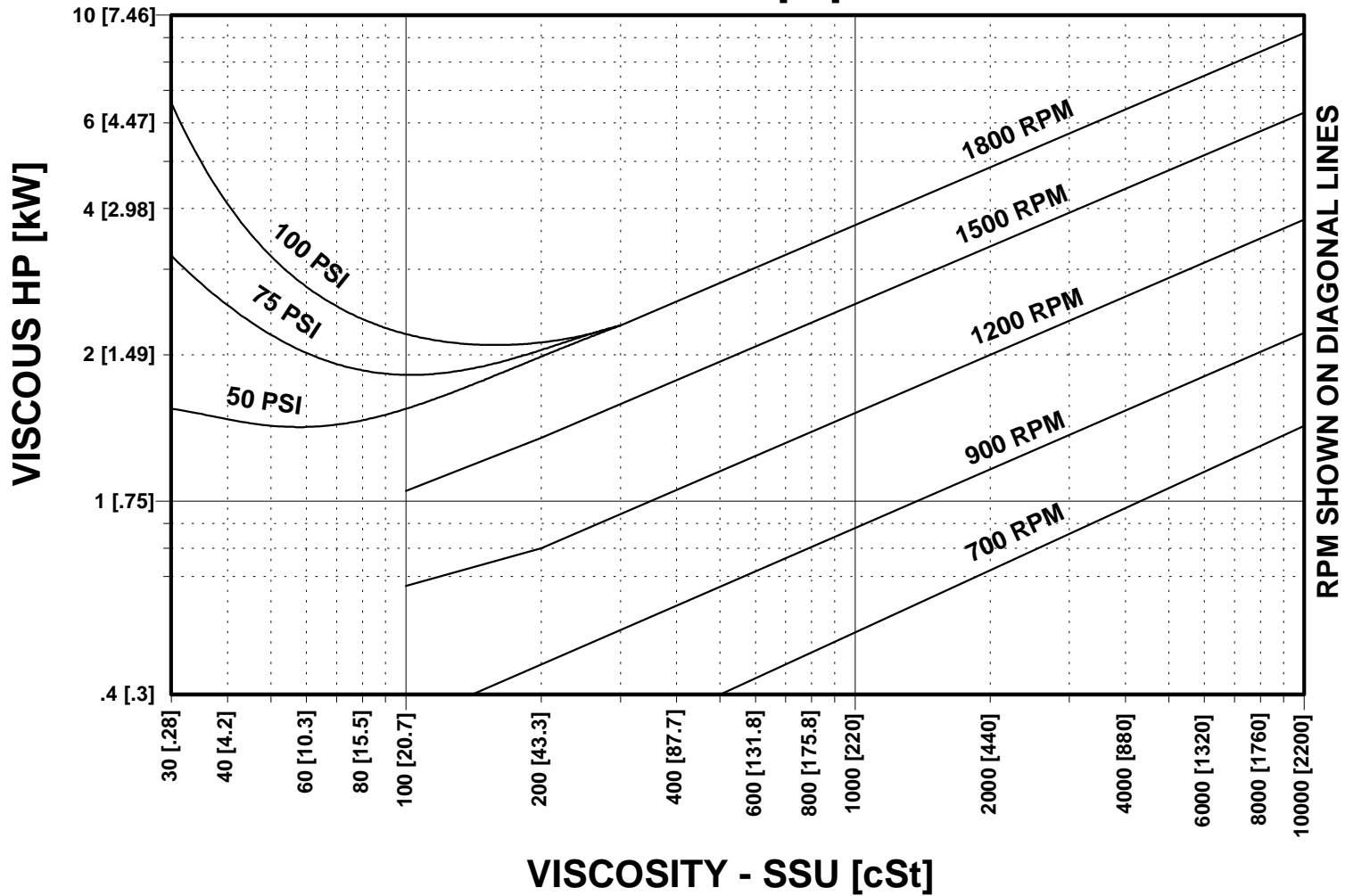


# SERIES: AE75

## GRAPH 4

### VISCOUS HORSEPOWER

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



# AE75 (BRONZE BEARINGS)

