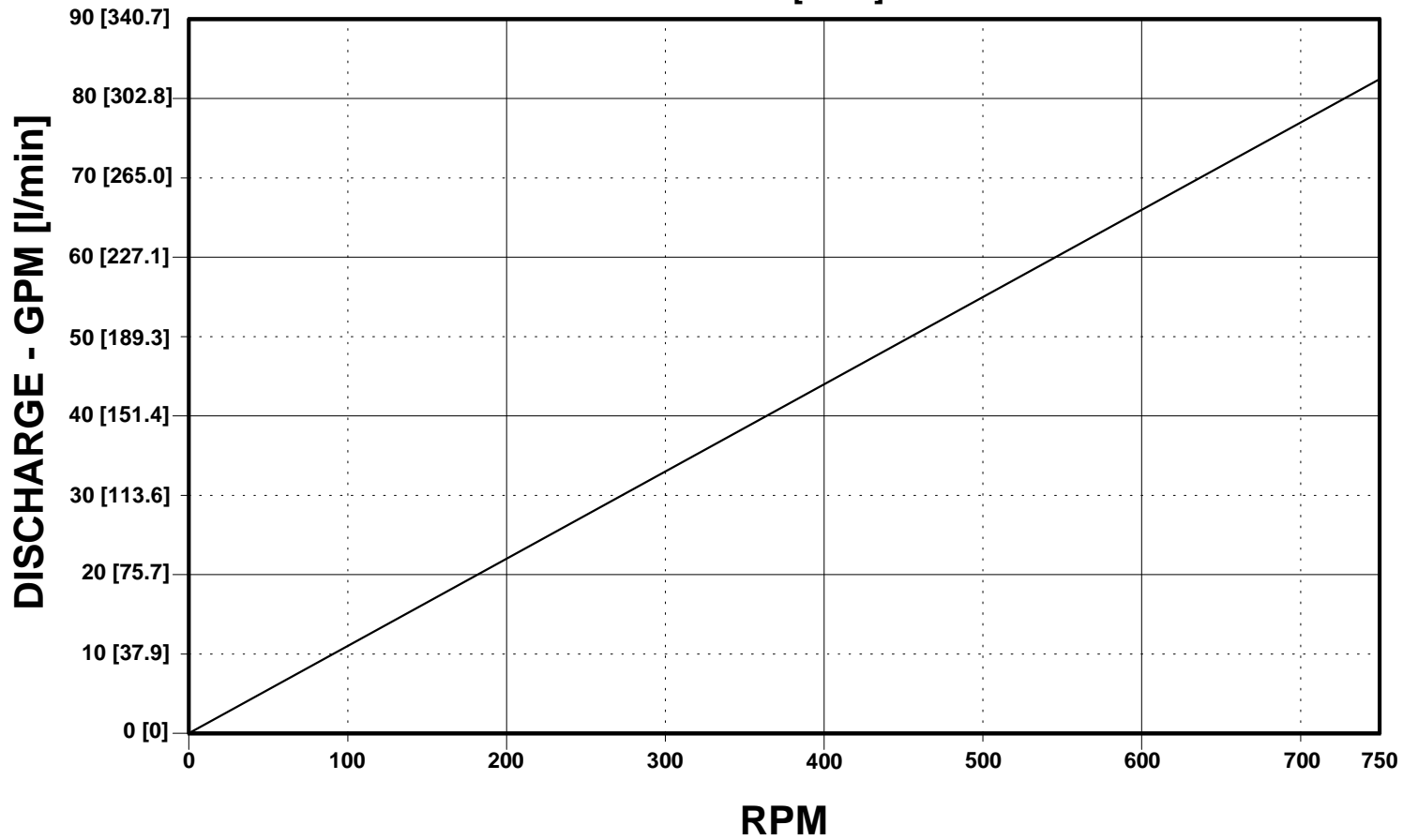


**SERIES: 3611, 3711, 4611, 4711**

**GRAPH 1**

**THEORETICAL GPM**

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

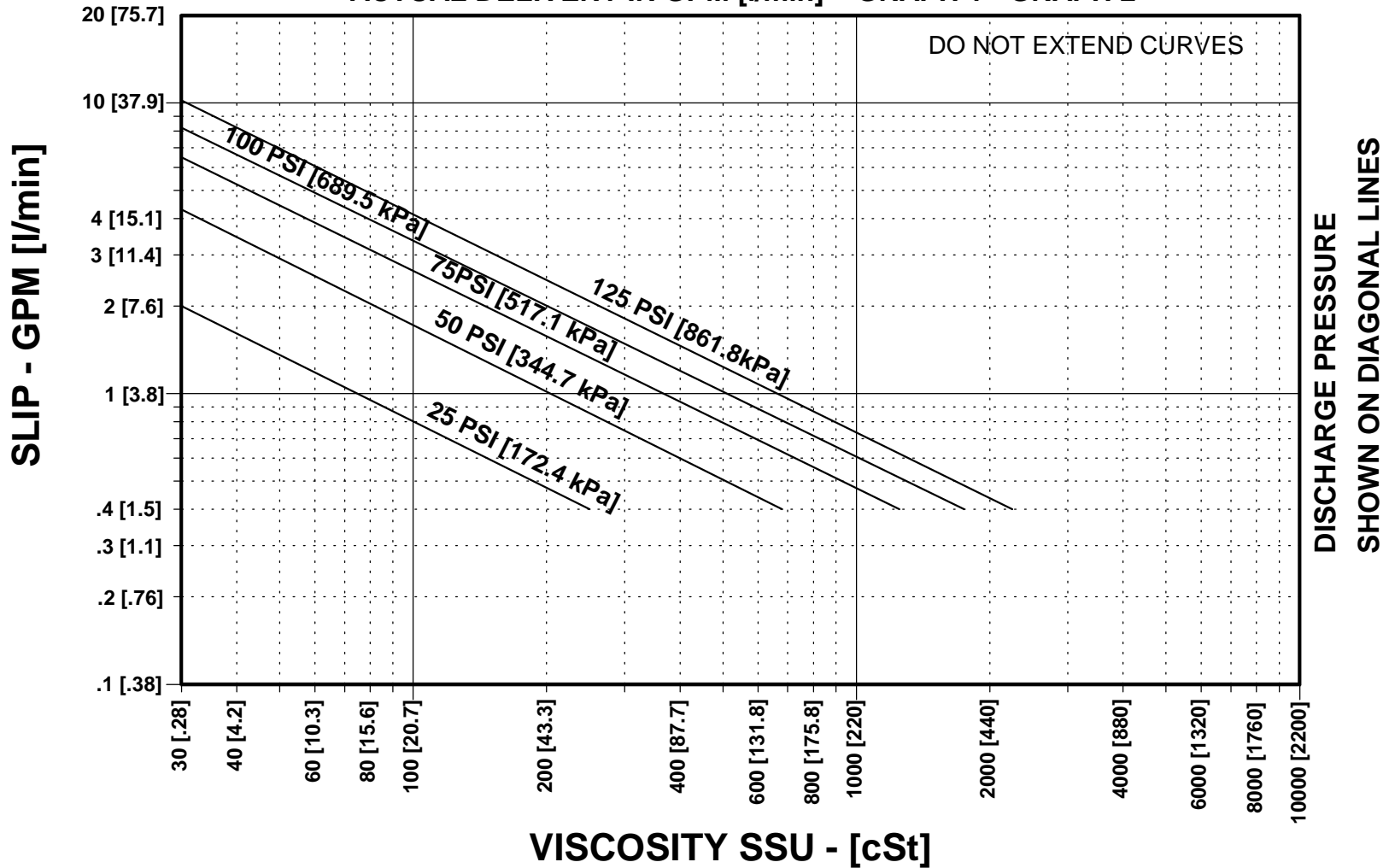


# SERIES: 3611, 3711, 4611, 4711

## GRAPH 2

### SLIP

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

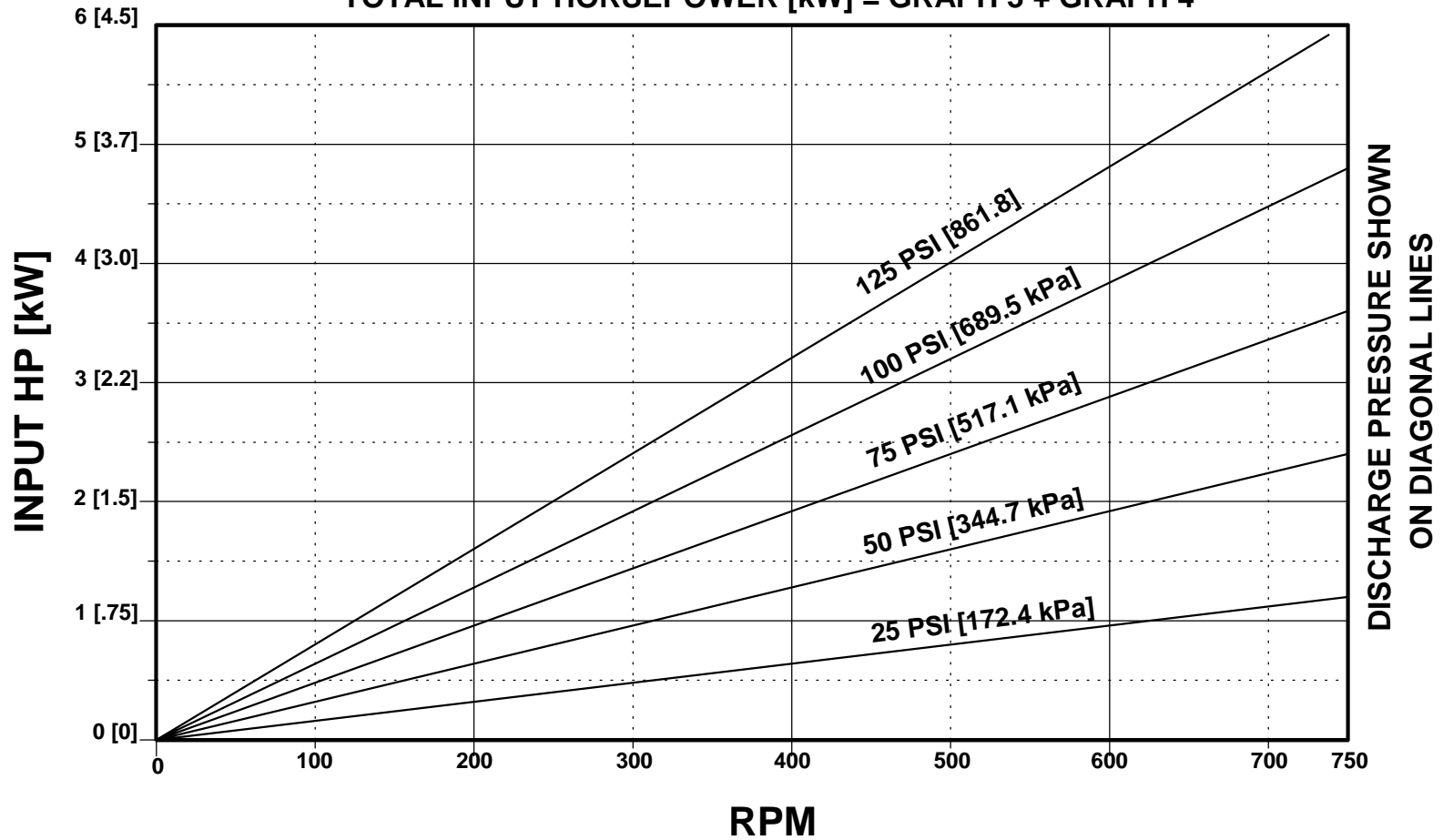


**SERIES: 3611, 4611, 3711, 4711**

**GRAPH 3**

**INPUT HORSEPOWER**

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



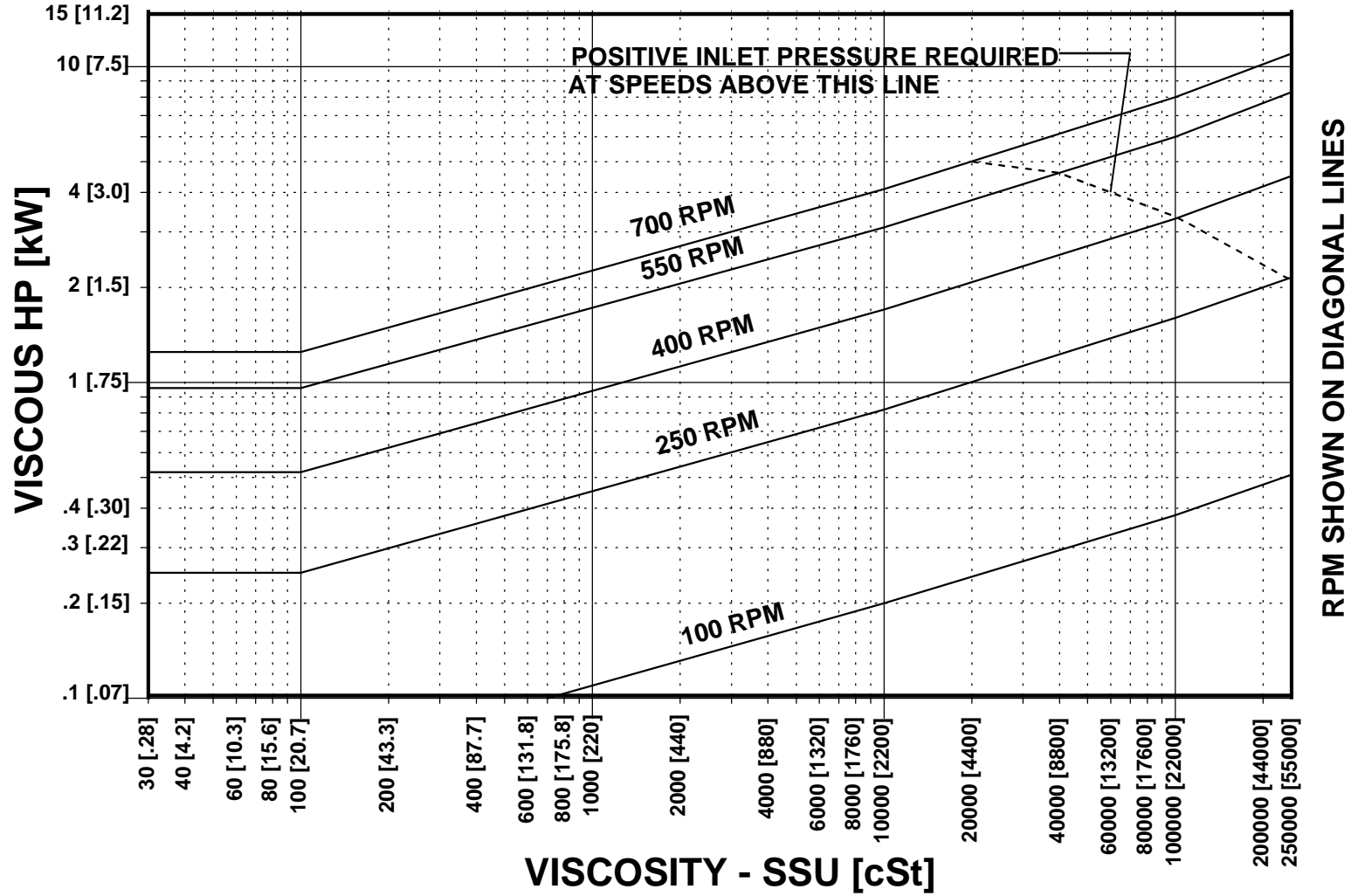
# SERIES: 3611, 3711, 4611, 4711

## GRAPH 4

### VISCOUS HORSEPOWER

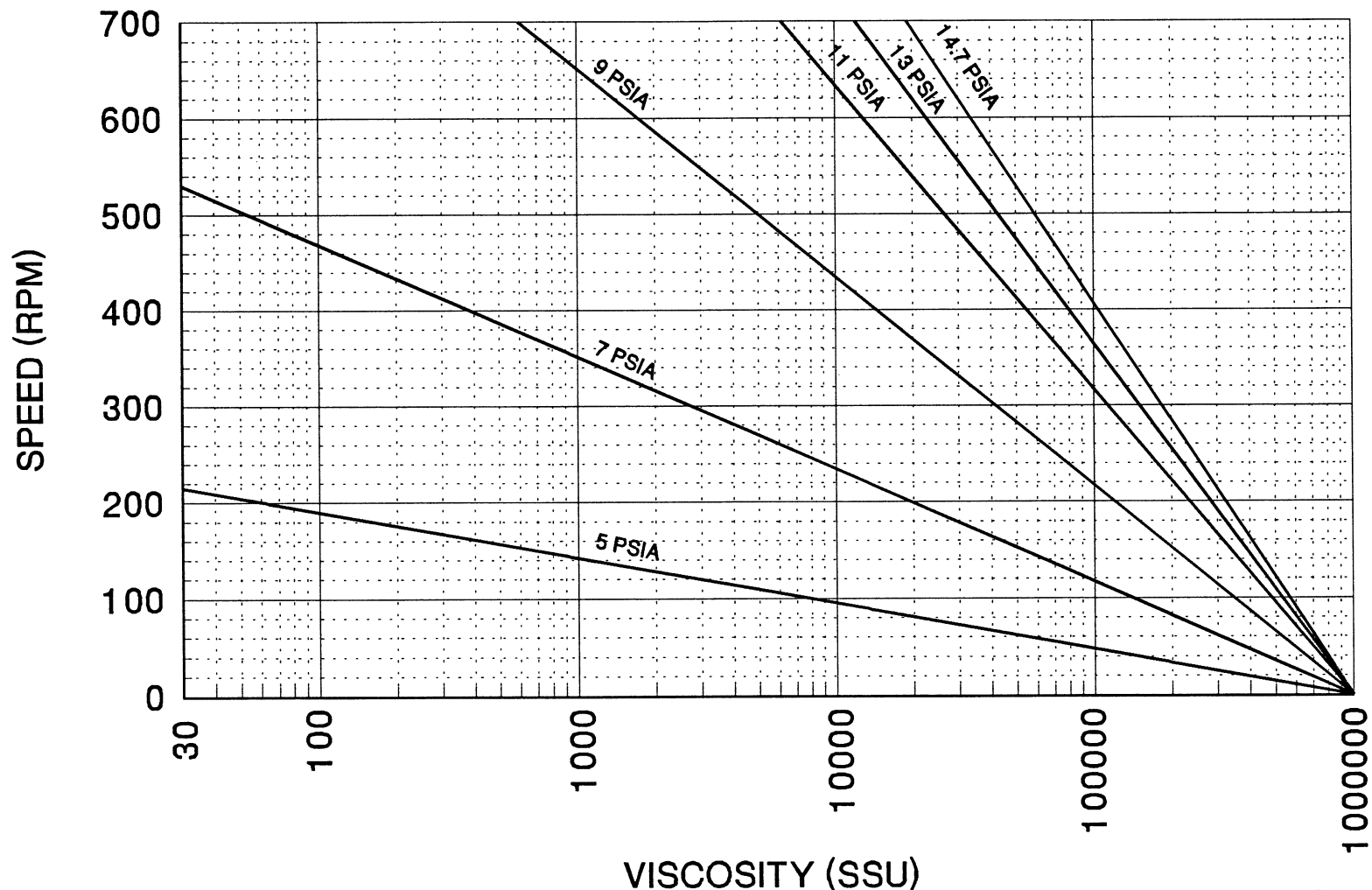
Carbon bearings recommended for low viscosity, non-lubricating liquids.

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



RPM SHOWN ON DIAGONAL LINES

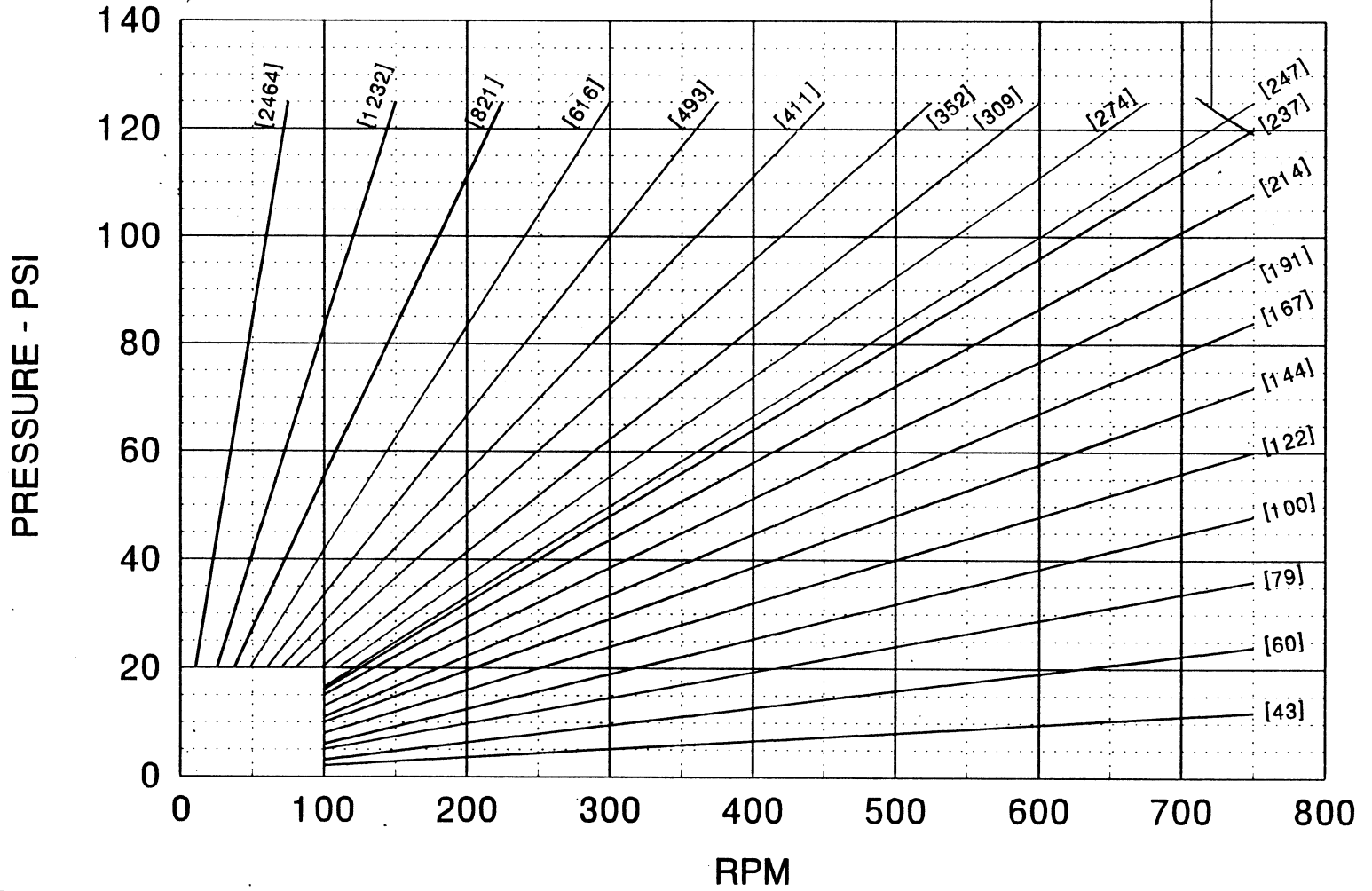
3611,3711,3617,3717,3622,3722,4611,4711,4617,4717,4622,4722  
REQUIRED NET INLET PRESSURE



# 3611,3711,4611,4711 (BRONZE BEARINGS)

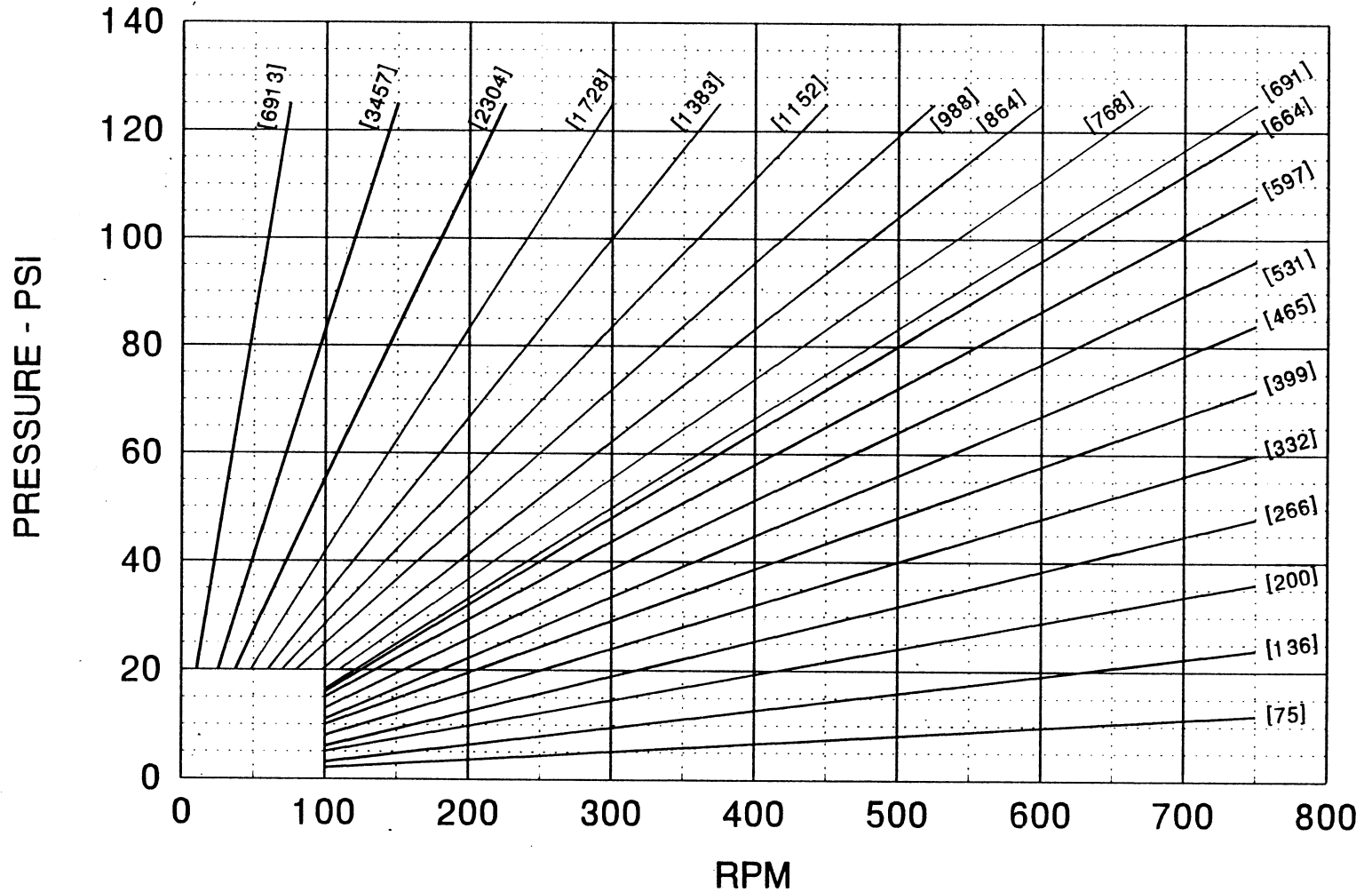
[SSU]

PV LIMIT CURVE



# 3611,3711,4611,4711 (CARBON BEARINGS)

[SSU]



# 3611,3711,4611,4711 (IRON BEARINGS)

[SSU]

PV LIMIT CURVE

