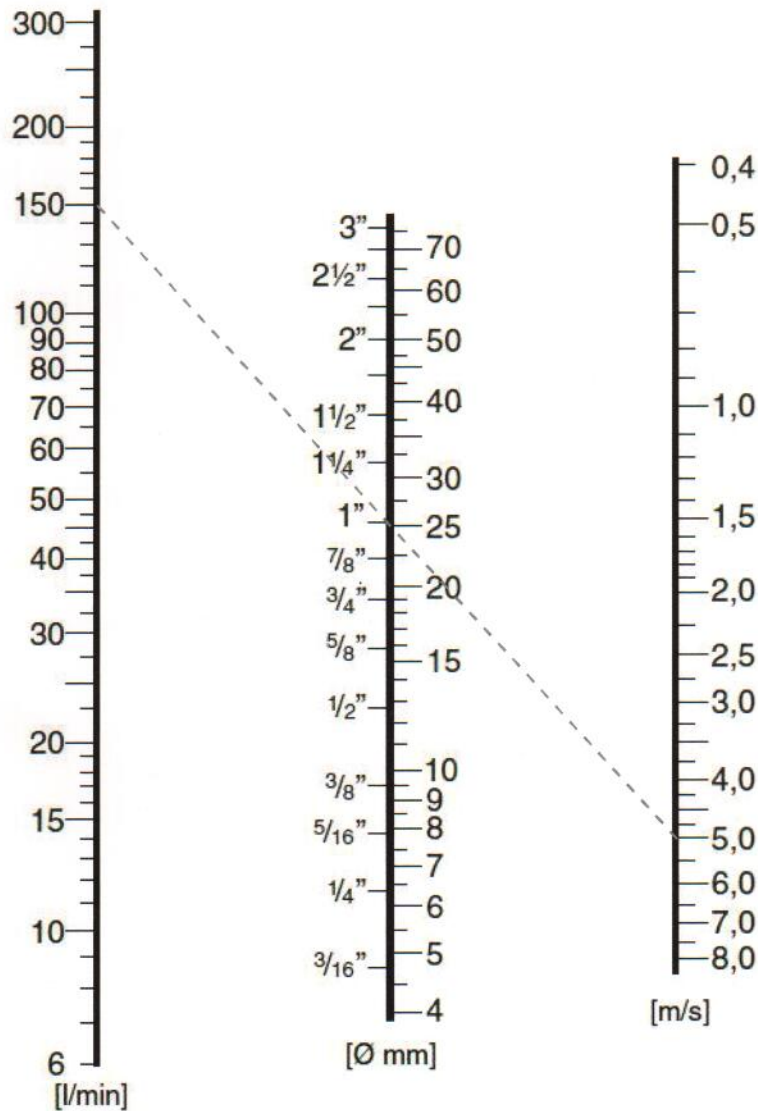


## INFORMATION NOMOGRAM FOR HOSE SELECTION



**EXAMPLE:** Pressure line at 150bar with flow rate of 150l/min.

- PROCEDURE:**
- 1<sup>st</sup> step - Mark the flow rate value in  $l/min$ . units
  - 2<sup>nd</sup> step - Mark the fluid speed value in  $m/s$ , or use the indicative values mentioned on the table according to hose use and line pressure.
  - 3<sup>rd</sup> step - Join the two known points;
  - 4<sup>th</sup> step - Find the third point, which in this example will be the pipe/hose nominal diameter

**RESULT:** The hose nominal internal diameter should be of 1".

OIL SPEED	USUAL VALUES
<b>ADMISSION LINE</b>	0,5 to 1,0m/s
<b>RETURN TO TANK LINE</b>	2,0 to 3,0m/s
<b>PRESSURE LINE</b>	
0 to 50bar	3,5m/s
50 to 100bar	3,5 to 4,5m/s
100 to 150bar	4,5 to 5,0m/s
150 to 200bar	5,0 to 5,5m/s
200 to 300bar	5,5 to 6,0m/s