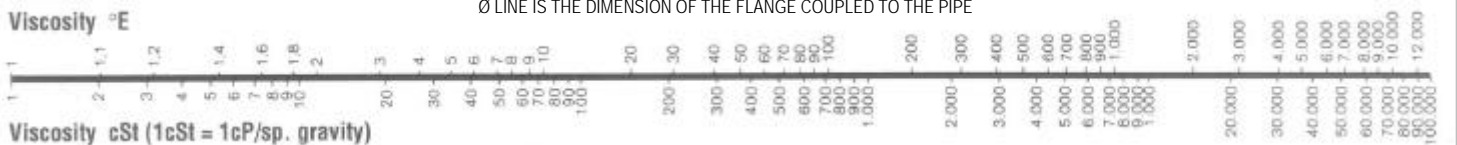


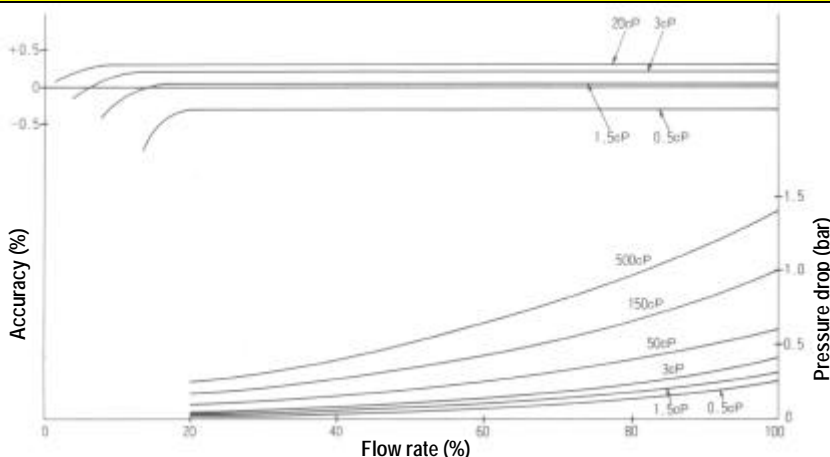
## FLOW RATE RANGES (m³/h)

			PETROLEUM PRODUCTS				WATER	CHEMICAL PRODUCTS			
MOD.	Ø LINE	MPa.s SERVICE	> 0,5	2	10	150	T < 80 °C	Soda 30%	50	500	2000
51	25	Continuous	0,6 ÷ 2,5	0,5 ÷ 2,5	0,2 ÷ 3,5	0,05 ÷ 3,5	0,5 ÷ 2,3	0,2 ÷ 2,5	0,1 ÷ 3,5	0,02 ÷ 2,5	0,008 ÷ 2
	40	Intermittent	0,6 ÷ 3,5	0,5 ÷ 3,5	0,2 ÷ 4	0,05 ÷ 4	0,5 ÷ 2,8	0,2 ÷ 3,5	0,1 ÷ 4	0,02 ÷ 3,5	0,008 ÷ 2,5
11	25	Continuous	1 ÷ 4,5	0,8 ÷ 4,5	0,3 ÷ 6	0,07 ÷ 6	0,9 ÷ 4	0,3 ÷ 4,5	0,15 ÷ 6	0,04 ÷ 4,5	0,015 ÷ 3,5
	40	Intermittent	1 ÷ 6	0,8 ÷ 6	0,3 ÷ 7	0,07 ÷ 7	0,9 ÷ 5	0,3 ÷ 6	0,15 ÷ 7	0,04 ÷ 6	0,015 ÷ 4,5
12	40	Continuous	2 ÷ 9	1,5 ÷ 9	0,6 ÷ 13	0,15 ÷ 13	1,8 ÷ 8,5	0,6 ÷ 9	0,3 ÷ 13	0,08 ÷ 9	0,03 ÷ 7,5
	50	Intermittent	2 ÷ 13	1,5 ÷ 13	0,6 ÷ 15	0,15 ÷ 15	1,8 ÷ 10,5	0,6 ÷ 13	0,3 ÷ 15	0,08 ÷ 13	0,03 ÷ 9
22	50	Continuous	2,5 ÷ 14	2 ÷ 14	1 ÷ 20	0,25 ÷ 20	2,3 ÷ 13	1 ÷ 14	0,5 ÷ 20	0,12 ÷ 14	0,05 ÷ 12
	65	Intermittent	2,5 ÷ 20	2 ÷ 20	1 ÷ 24	0,25 ÷ 24	2,3 ÷ 16,5	1 ÷ 20	0,5 ÷ 24	0,12 ÷ 20	0,05 ÷ 14
53	50	Continuous	5 ÷ 25	4 ÷ 25	2 ÷ 35	0,5 ÷ 35	4,5 ÷ 22,5	2 ÷ 25	1 ÷ 35	0,25 ÷ 25	0,1 ÷ 20
	80	Intermittent	5 ÷ 35	4 ÷ 35	2 ÷ 40	0,5 ÷ 40	4,5 ÷ 28	2 ÷ 35	1 ÷ 40	0,25 ÷ 35	0,1 ÷ 25
13	50	Continuous	6,5 ÷ 35	5 ÷ 35	2,5 ÷ 50	0,6 ÷ 50	6 ÷ 34	2,5 ÷ 35	1,2 ÷ 50	0,3 ÷ 35	0,12 ÷ 30
	80	Intermittent	6,5 ÷ 50	5 ÷ 50	2,5 ÷ 60	0,6 ÷ 60	6 ÷ 42	2,5 ÷ 50	1,2 ÷ 60	0,3 ÷ 50	0,12 ÷ 35
14	80	Continuous	13 ÷ 65	10 ÷ 65	4,5 ÷ 90	1,2 ÷ 90	12 ÷ 60	4,5 ÷ 65	2,3 ÷ 90	0,6 ÷ 65	0,25 ÷ 55
	100	Intermittent	13 ÷ 90	10 ÷ 90	4,5 ÷ 110	1,2 ÷ 110	12 ÷ 75	4,5 ÷ 90	2,3 ÷ 110	0,6 ÷ 90	0,25 ÷ 65
24	80	Continuous	18 ÷ 90	14 ÷ 90	6 ÷ 125	1,5 ÷ 125	16 ÷ 80	6 ÷ 90	3 ÷ 125	0,75 ÷ 90	0,3 ÷ 75
	100	Intermittent	18 ÷ 125	14 ÷ 125	6 ÷ 150	1,5 ÷ 150	16 ÷ 100	6 ÷ 125	3 ÷ 150	0,75 ÷ 125	0,3 ÷ 90
16	100	Continuous	24 ÷ 110	18 ÷ 110	8 ÷ 150	2 ÷ 150	20 ÷ 100	8 ÷ 110	4 ÷ 150	1 ÷ 110	0,4 ÷ 90
	150	Intermittent	24 ÷ 150	18 ÷ 150	8 ÷ 180	2 ÷ 180	20 ÷ 125	8 ÷ 150	4 ÷ 180	1 ÷ 150	0,4 ÷ 110
18	150	Continuous	35 ÷ 150	25 ÷ 150	12 ÷ 210	3 ÷ 210	30 ÷ 140	12 ÷ 150	6 ÷ 210	1,5 ÷ 150	0,6 ÷ 125
	200	Intermittent	35 ÷ 210	25 ÷ 210	12 ÷ 250	3 ÷ 250	30 ÷ 175	12 ÷ 210	6 ÷ 250	1,5 ÷ 210	0,6 ÷ 150
28	150	Continuous	40 ÷ 190	30 ÷ 190	15 ÷ 270	4 ÷ 270	35 ÷ 180	15 ÷ 190	7,5 ÷ 270	2 ÷ 190	0,8 ÷ 160
	200	Intermittent	40 ÷ 270	30 ÷ 270	15 ÷ 320	4 ÷ 320	35 ÷ 225	15 ÷ 270	7,5 ÷ 320	2 ÷ 270	0,8 ÷ 190
110	200	Continuous	60 ÷ 270	40 ÷ 270	20 ÷ 380	4,5 ÷ 380					
	250	Intermittent	60 ÷ 380	40 ÷ 380	20 ÷ 450	4,5 ÷ 450					
112	250	Continuous	80 ÷ 350	60 ÷ 350	25 ÷ 500	6,5 ÷ 500					
	300	Intermittent	80 ÷ 500	60 ÷ 500	25 ÷ 600	6,5 ÷ 600					
212	250	Continuous	130 ÷ 600	100 ÷ 600	45 ÷ 850	10 ÷ 850					
	300	Intermittent	130 ÷ 850	100 ÷ 850	45 ÷ 1000	10 ÷ 1000					
612	300	Continuous	160 ÷ 850	125 ÷ 850	60 ÷ 1200	14 ÷ 1200					
	350	Intermittent	160 ÷ 1200	125 ÷ 1200	60 ÷ 1400	14 ÷ 1400					
114	350	Continuous	200 ÷ 1100	150 ÷ 1100	75 ÷ 1500	18 ÷ 1500					
	400	Intermittent	200 ÷ 1500	150 ÷ 1500	75 ÷ 1800	18 ÷ 1800					

Ø LINE IS THE DIMENSION OF THE FLANGE COUPLED TO THE PIPE



### CHARACTERISTIC CURVES



### NOTES ON FLOW RATE RANGES

The "flow rate ranges" table has been prepared very conservatively to allow anybody to ask for a quotation or to select a "PETROL" PD flowmeter, provided liquid temperature is below 80 °C.

It is possible to use "PETROL" PD flowmeters outside specified flow rate ranges and viscosities but in such cases it is necessary to consult the factory. Continuous service means 8/24 hours of operation per day.

The max allowed flow rate is about 20% higher than that shown on the table.

For liquid with a viscosity above 10 cP is normally specified a 1:10 flow rate range within the limits mentioned in the table.

PD flowmeters accuracy is in accordance with the official approvals issued by Italian Industry and Commerce Ministry, Weight and Measure Dept. for their installation in Italy and in the European Common Market Countries.