



Cert. No. LRQ 0963008

ISO 9001

Capacity Charts for FT44, FT46 and FT47 Ball Float Steam Traps

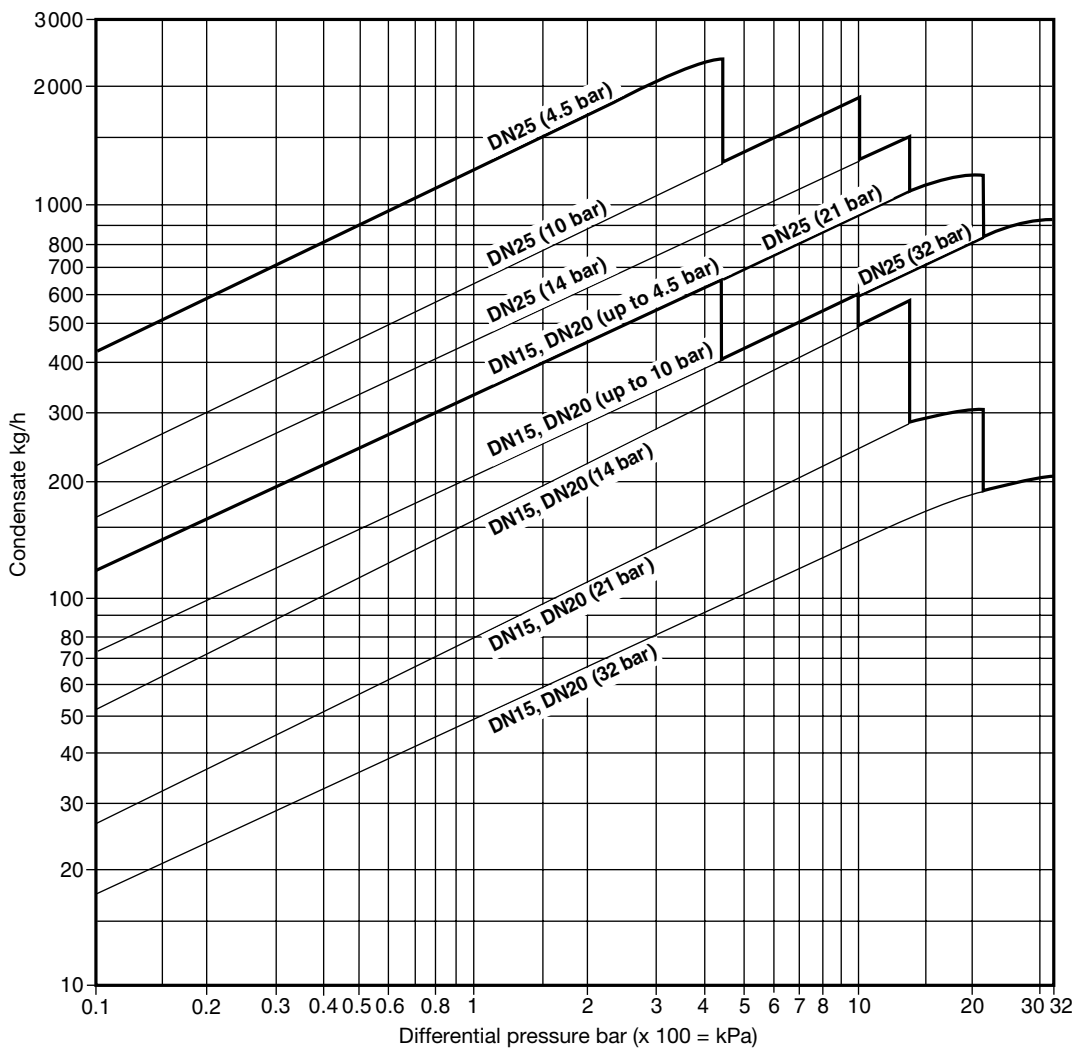
DN15, DN20, DN25 FT44 (formally FT20) - Cast steel GS C25N (TI-S02-14)

DN15, DN20, DN25 FT46 - Austenitic stainless steel 1.4581 (TI-P143-01)

DN15, DN20, DN25 FT47 - SG iron GGG 40.3 (TI-P142-01)

Note: All capacities shown are for the FT44, FT46, and FT47 unless otherwise indicated.

Capacities for the DN40 - DN100 are shown overleaf



Additional cold water capacities from the thermostatic air vent under start-up conditions

Capacities shown above are based on condensate at saturation temperature. Under start-up conditions when the condensate is cold the internal thermostatic air vent will be open and provides additional capacity to the main valve. The following table gives the minimum additional cold water capacities from the air vent.

ΔP (bar)	0.5	1	2	3	4.5	7	10	14	21	32	
Minimum additional cold water capacity (kg/h)											
DN15, DN20	up to 21 bar	450	600	780	1 040	1 140	1 350	1 530	1 750	2 300	-
	32 bar only	170	250	380	520	600	780	860	1 140	1 170	1 200
DN25	up to 21 bar	460	680	900	1 080	1 300	1 600	1 980	2 050	2 600	-
	32 bar only	90	120	350	460	600	850	900	1 020	1 200	1 300

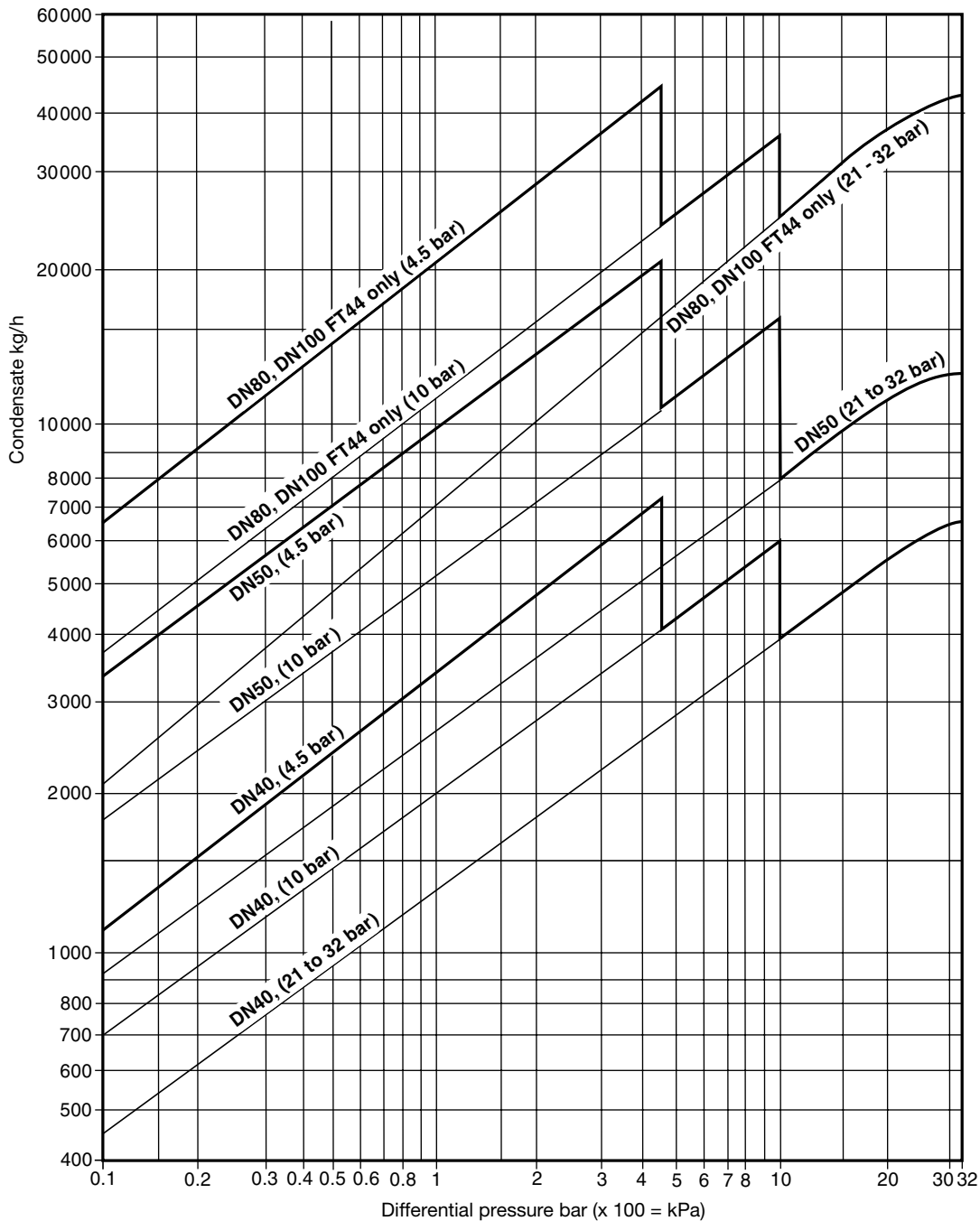
DN40, DN50, DN80, DN100 FT44 (formally FT20) - Cast steel GS-C25N (TI-S02-23)

DN40, DN50 FT46 - Austenitic stainless steel 1.4581 (TI-P143-01)

DN40, DN50 FT47 - SG iron GGG 40.3 (TI-P142-01)

Note: All capacities shown are for the FT44, FT46, and FT47 unless otherwise indicated.

Capacities for the DN15 - DN25 are shown overleaf



Additional cold water capacities from the thermostatic air vent under start-up conditions

Capacities shown above are based on condensate at saturation temperature. Under start-up conditions when the condensate is cold the internal thermostatic air vent will be open and provides additional capacity to the main valve. The following table gives the minimum additional cold water capacities from the air vent.

ΔP (bar)		0.5	1	2	3	4.5	7	10	14	21	32
		Minimum additional cold water capacity (kg/h)									
DN40, DN50	up to 21 bar	460	680	900	1 080	1 300	1 600	1 980	2 050	2 600	-
	32 bar only	90	120	350	460	600	850	900	1 020	1 200	1 300
DN80, DN100	up to 21 bar	920	1 360	1 800	2 160	2 600	3 200	2 960	4 100	5 200	-
	32 bar only	180	240	700	920	1 200	1 700	1 800	2 040	2 400	2 600