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Page : 1/1

FLANGED TYPE PN16 HUMIDITY SEPARATOR

S5240

ISO 9001
BUREAU VERITAS
Certification



EAC

Tecofi'
VALVE DESIGNER - FRANCE



APPLICATION

General use: removal moisture from steam and compressed air pipelines.

GENERAL CHARACTERISTICS

Range from DN15 to DN300.

Steam and compressed air passing through the separator and as a result of centrifugal forces, impact and swirling effects, separate the particles with a heavier specific gravity, such as water and oil droplets, moisture in suspension, dirt and scale. The condensate collected at the bottom of the separator, must be automatically drained. Flange connection PN16.

CONSTRUCTION

Outlet pipe	Steel
Inlet pipe	Steel
Body	Steel
Description	Material

DIMENSIONS

DN		J	B	C	D	E	F	VOL dm3	Weight (kg)
mm	inch								
15	1/2"	115	114	260	185	75	1/2"	2	5
20	3/4"	115	114	260	180	80	1/2"	2,5	6
25	1"	135	114	300	215	85	1/2"	3	7
32	1 1/4"	155	140	395	285	110	1/2"	5	12
40	1 1/2"	165	140	435	325	110	1/2"	5,7	13,8
50	2"	190	168	505	380	125	1/2"	10,5	19,5
65	2 1/2"	240	219	550	410	140	3/4"	18,5	32
80	3"	260	219	610	462	148	3/4"	25	38
100	4"	330	273	715	528	187	3/4"	35,4	57
125	5"	403	324	845	630	215	1"	50	81,5
150	6"	457	356	960	690	270	1"	75	153
200	8"	545	406	1170	880	290	1"	140	195
250	10"	671	508	1540	1140	400	1 1/2"	280	321
300	12"	800	610	1700	1172	528	1 1/2"	400	465

WORKING CONDITIONS

Maximum temperature : -10°C / +120°C
Maximum pressure : 16 bar
(14 bar and +198°C for saturated steam).

