

ELECTRIC STEAM GENERATORS · SERIES CDS-DU-V-5

CDS-DU-V-5

Code CDS-DU-V-5 · Line Standard · 5 Performance classes · max. 5 bar(g) · max. 192 kg steam/h



Fig.: CDS-DU-V-5



Performance

Specification	CD36S-DU-V-5	CD45S-DU-V-5	CD54S-DU-V-5	CD63S-DU-V-5	CD72S-DU-V-5
Steam Output (kg/h)	96	120	144	168	192
Heat output (kcal/h)	63,210	79,013	94,816	110,618	126,421
Working pressure min. (bar(g))	1.0	1.0	1.0	1.0	1.0
Working pressure max. (bar(g))	5.0	5.0	5.0	5.0	5.0
Max. operating pressure (bar(g))	5.8	5.8	5.8	5.8	5.8
Max. Steam Temperature (°C)	158.8	158.8	158.8	158.8	158.8

Electrical ratings

Specification	CD36S-DU-V-5	CD45S-DU-V-5	CD54S-DU-V-5	CD63S-DU-V-5	CD72S-DU-V-5
Operating Voltage (V)	400	400	400	400	400
Frequency (Hz)	50	50	50	50	50
Phases	3+PE	3+PE	3+PE	3+PE	3+PE
Heating Output (kW)	2× 36	2× 45	2× 54	2× 63	2× 72
Heating element arrangement	2x	2x	2x	2x	2x
Total Connected Load (kW)	74	92	110	128	146
Control voltage (V DC)	24	24	24	24	24
Total rated current (A)	2× 54	2× 67	2× 80	2× 92	2× 106
Fusing (site-supplied) (A)	2× 63	2× 80	2× 100	2× 100	2× 125
Minimum cross-section (mm²)	2x 4x25,0	2x 4x35,0	2x 4x35,0	2x 4x35,0	2x 4x50,0

Mechanical Connections

Specification	CD36S-DU-V-5	CD45S-DU-V-5	CD54S-DU-V-5	CD63S-DU-V-5	CD72S-DU-V-5
Steam Line	Flansch DN20	Flansch DN20	Flansch DN25	Flansch DN25	Flansch DN25
Water Inlet	IG 1"	IG 1"	IG 1"	IG 1"	IG 1"
Blowdown valve	IG 1"	IG 1"	IG 1"	IG 1"	IG 1"
Safety valve	Flansch DN25	Flansch DN25	Flansch DN25	Flansch DN25	Flansch DN25
Condensate safety valve	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"
Condensate steam line	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"

Compressed air

Specification	CD36S-DU-V-5	CD45S-DU-V-5	CD54S-DU-V-5	CD63S-DU-V-5	CD72S-DU-V-5
Compressed air min. (bar(g))	5.5	5.5	5.5	5.5	5.5
Compressed air max. (bar(g))	10.0	10.0	10.0	10.0	10.0

Dimensions & Emissions

Specification	CD36S-DU-V-5	CD45S-DU-V-5	CD54S-DU-V-5	CD63S-DU-V-5	CD72S-DU-V-5
Width (mm)	1,200	1,200	1,200	1,200	1,200

Specification	CD36S-DU-V-5	CD45S-DU-V-5	CD54S-DU-V-5	CD63S-DU-V-5	CD72S-DU-V-5
Height (mm)	2,344	2,344	2,344	2,344	2,344
Length (mm)	1,400	1,400	1,400	1,400	1,400
Weight (kg)	485	485	485	485	485
Sound Pressure Level (dB(A))	63	63	63	63	63

Equipment levels

Castor frame

For easily changing the installation location.

Special voltage

For example for use abroad.

Heating output selector switch with 3 power levels

Air-conditioned control cabinet

At an ambient temperature above 30°C.

Standards & compliance: CE · Pressure Equipment Directive 2014/68/EU · EMC Directive 2014/30/EU · Low Voltage Directive 2014/35/EU · VDE-compliant wiring