

Power capacitors

Download data sheet



PFCs are used for fixed compensation on motors, pumps and transformers. They are designed as MKP capacitors with M12 thread in dry technology and therefore have a long service life and low power loss. They are supplied with integrated discharge resistors.



Application:

Fixed compensation and in compensation systems

Rated power in kvar at a rated voltage of:		Capacitance in μF	[A]	Filling	Dimensions in mm*	Weight kg	Protective cap	Type	Item no.
400 V	440 V								
2.07	2.50	3×13.70	3×3.3	Gas	Ø85x175/223	0.6	CO85	CSADG – 0.44/2.5-HD	40.44.0002
2.60	3.15	3×17.26	3×4.1	Gas	Ø85x175/223	0.6	CO85	CSADG – 0.44/3.15-HD	40.44.0003
4.13	5.00	3×27.40	3×6.6	Gas	Ø85x175/223	0.7	CO85	CSADG – 0.44/5-HD	40.44.0005
5.17	6.25	3×34.25	3×8.2	Gas	Ø85x175/223	0.8	CO85	CSADG – 0.44/6.25-HD	40.44.0006
8.26	10.00	3×54.81	3×13.1	Gas	Ø85x245/293	1.2	CO85	CSADG – 0.44/10-HD	40.44.0010
10.33	12.50	3×68.51	3×16.4	Gas	Ø85x245/293	1.2	CO85	CSADG – 0.44/12.5-HD	40.44.0012
12.40	15.00	3×82.21	3×19.7	Gas	Ø85x245/293	1.4	CO85	CSADG – 0.44/15-HD	40.44.0015
15.04	18.20	3×99.75	3×23.9	Gas	Ø85x245/293	1.7	CO85	CSADG – 0.44/18.2-HD	40.44.0018
16.53	20.00	3×109.61	3×26.3	Gas	Ø85x245/293	1.8	CO85	CSADG – 0.44/20-HD	40.44.0020
20.66	25.00	3×137.01	3×32.8	Gas	Ø100x245/293	1.9	-	CSADG – 0.44/25-HD	40.44.0025
23.22	28.10	3×154.00	3×36.9	Gas	Ø116x245/296	2.1	-	CSADG – 0.44/28.1-HD	40.44.0028
24.79	30.00	3×164.42	3×39.4	Gas	Ø116x245/296	2.2	-	CSADG – 0.44/30-HD	40.44.0030
33.06	40.00	3×219.22	3×52.5	Gas	Ø136x261/323	3.8	-	CSADG – 0.44/40-HD	40.44.0040
41.32	50.00	3×274.03	3×65.7	Gas	Ø136x355/418	5.5	-	CSADG – 0.44/50-HD	40.44.0050

Rated power in kvar at a rated voltage of:		Capacitance in μF	[A]	Filling	Dimensions in mm*	Weight kg	Protective cap	Type	Item no.
400 V	440 V								
2.5	-	3×16.58	3×3.6	Gas	Ø85x175/223	0.6	CO85	CSADG – 0.4/2.5-HD	40.40.0002
3.15	-	3×20.89	3×4.6	Gas	Ø85x175/223	0.7	CO85	CSADG – 0.4/3.15-HD	40.40.0003
5	-	3×33.16	3×7.2	Gas	Ø85x175/223	0.9	CO85	CSADG – 0.4/5-HD	40.40.0005
6.25	-	3×41.45	3×9.0	Gas	Ø85x175/223	1	CO85	CSADG – 0.4/6.25-HD	40.40.0006
10	-	3×66.31	3×14.5	Gas	Ø85x245/293	1.2	CO85	CSADG – 0.4/10-HD	40.40.0010
12.5	-	3×82.89	3×18.1	Gas	Ø85x245/293	1.4	CO85	CSADG – 0.4/12.5-HD	40.40.0012
15	-	3×99.47	3×21.7	Gas	Ø85x245/293	1.5	CO85	CSADG – 0.4/15-HD	40.40.0015
20	-	3×132.63	3×28.9	Gas	Ø100x245/293	1.9	CO85	CSADG – 0.4/20-HD	40.40.0020
25	-	3×165.79	3×36.1	Gas	Ø116x245/296	2.2	-	CSADG – 0.4/25-HD	40.40.0025
30	-	3×198.94	3×43.4	Gas	Ø116x245/296	2.5	-	CSADG – 0.4/30-HD	40.40.0030
40	-	3×265.26	3×57.8	Gas	Ø136x261/323	3.8	-	CSADG – 0.4/40-HD	40.40.0040
50	-	3×331.57	3×72.3	Gas	Ø136x355/418	5.5	-	CSADG – 0.4/50-HD	40.40.0050

* D x H / total H = height of the cup without connecting piece and without fastening/earthing screw

Further types on request

Protective cap	Type	Description	Item no.
Protective cap with cable entry IP54	CO85	For power capacitors with a diameter of 85mm and a cable entry PG16	40.19.0008