

Type	Number of cylinders	Swept volume 50 / 60 Hz (1450/1740 1/min)	Electrical data ③				Weight	Connections ⑦		Oil charge
			Voltage	Max. working current	Max. power consumption	Starting current (rotor locked)		Discharge line DV	Common suction line SL	
			①	②	②					
		m³/h		A	kW	A	kg	mm inch	mm inch	Ltr.
				Δ / Y		Δ / Y				
DHA12P/60-4	2 x 2	2 x 5,40 / 6,40	④	2 x 5,5 / 3,2	2 x 1,7	2 x 40 / 23	116	2 x 12 / 1/2	16 / 5/8	2 x 0,9
DHA12P/75-4	2 x 2	2 x 6,70 / 8,10	④	2 x 5,9 / 3,4	2 x 1,8	2 x 40 / 23	117	2 x 12 / 1/2	16 / 5/8	2 x 0,9
DHA12P/90-4	2 x 2	2 x 8,00 / 9,60	④	2 x 6,6 / 3,8	2 x 2,0	2 x 43 / 25	118	2 x 12 / 1/2	16 / 5/8	2 x 0,9
DHA12P/110-4	2 x 2	2 x 9,40 / 11,30	④	2 x 6,9 / 4,0	2 x 2,2	2 x 43 / 25	118	2 x 12 / 1/2	16 / 5/8	2 x 0,9
DHA22P/125-4	2 x 2	2 x 11,10 / 13,30	④	2 x 7,1 / 4,1	2 x 3,0	2 x 53 / 32	172	2 x 12 / 1/2	22 / 7/8	2 x 1,1
DHA22P/160-4	2 x 2	2 x 13,70 / 16,40	④	2 x 8,2 / 4,8	2 x 4,0	2 x 67 / 40	164	2 x 12 / 1/2	22 / 7/8	2 x 1,1
DHA22P/190-4	2 x 2	2 x 16,50 / 19,80	④	2 x 9,0 / 5,2	2 x 4,0	2 x 67 / 40	162	2 x 12 / 1/2	22 / 7/8	2 x 1,1
DHA34P/215-4	2 x 4	2 x 18,80 / 22,60	④	2 x 10,9 / 6,3	2 x 3,7	2 x 67 / 40	209	2 x 16 / 5/8	28 / 1 1/8	2 x 1,4
DHA34P/255-4	2 x 4	2 x 22,10 / 26,60	④	2 x 12,5 / 7,2	2 x 4,3	2 x 67 / 40	208	2 x 16 / 5/8	28 / 1 1/8	2 x 1,4
DHA34P/315-4	2 x 4	2 x 27,30 / 32,80	④	2 x 16,2 / 9,4	2 x 5,3	2 x 96 / 57	213	2 x 16 / 5/8	28 / 1 1/8	2 x 1,4
DHA34P/380-4	2 x 4	2 x 33,10 / 39,70	④	2 x 18,9 / 11,0	2 x 6,4	2 x 96 / 57	212	2 x 16 / 5/8	28 / 1 1/8	2 x 1,4
				* PW 1+2		* PW1 / PW 1+2				
DHA4/465-4	2 x 4	2 x 40,50 / 48,60	⑤	2 x 21	2 x 11,2	2 x 82 / 107	350	2 x 28 / 1 1/8	42 / 1 5/8	2 x 3,4
DHA4/555-4	2 x 4	2 x 48,20 / 57,80	⑤	2 x 26	2 x 13,3	2 x 107 / 140	354	2 x 28 / 1 1/8	42 / 1 5/8	2 x 3,4
DHA4/650-4	2 x 4	2 x 56,60 / 67,90	⑤	2 x 26	2 x 15,6	2 x 107 / 140	353	2 x 28 / 1 1/8	42 / 1 5/8	2 x 3,4
DHA5/725-4	2 x 4	2 x 62,90 / 75,50	⑤	2 x 26	2 x 12,5	2 x 107 / 140	449	2 x 28 / 1 1/8	54 / 2 1/8	2 x 4,5
DHA5/830-4	2 x 4	2 x 72,20 / 86,70	⑤	2 x 26	2 x 12,8	2 x 126 / 160	454	2 x 28 / 1 1/8	54 / 2 1/8	2 x 4,5
DHA5/945-4	2 x 4	2 x 82,20 / 98,60	⑤	2 x 26	2 x 12,9	2 x 126 / 160	450	2 x 28 / 1 1/8	54 / 2 1/8	2 x 4,5
DHA6/1080-4	2 x 4	2 x 93,70 / 112,40	⑤	2 x 31	2 x 15,8	2 x 172 / 212	485	2 x 28 / 1 1/8	54 / 2 1/8	2 x 4,5
DHA6/1240-4	2 x 4	2 x 107,60 / 129,10	⑤	2 x 31	2 x 15,9	2 x 172 / 212	482	2 x 28 / 1 1/8	54 / 2 1/8	2 x 4,5
DHA6/1410-4	2 x 4	2 x 122,40 / 146,90	⑤	2 x 31	2 x 16,2	2 x 172 / 212	477	2 x 28 / 1 1/8	54 / 2 1/8	2 x 4,5

* PW = Part Winding, motors for part winding starting

1 = 1. part winding

2 = 2. part winding

Oil sump heater 110-240 V - 1 - 50/60 Hz (option)

- › DHG(DHA)12P, DHG(DHA)22P, DHG(DHA)34P: 50-120 W
PTC heater, self-regulating, installation in housing bore

Oil sump heater 230 V - 1 - 50/60 Hz (standard)

- › DHG(DHA)4: 80 W
- › DHG(DHA)5, DHG(DHA)6, DHG7: 140 W
Permanently set version, installation in immersion sleeve

Fan motors for the HA version 230 V - 1 - 50/60 Hz

- › DHA12P: 40 W / 0,3 A
- › DHA22P, DHA34P: 72 W / 0,53 A
- › DHA4, DHA5, DHA6: 140 W / 0,71 A

Explanations:

- ① Tolerance (± 10%) relates to the mean value of the voltage range. Other voltages and current types on request.
- ② Take account of the max. operating current / max. power consumption when designing contactors, leads and fuses.
Switches: Service category AC3
- ③ All data are based on the mean value of the voltage range.
- ④ 220-240 V Δ / 380-420 V Y - 3 - 50 Hz
265-290 V Δ / 440-480 V Y - 3 - 60 Hz
- ⑤ 380-420 V Y/Y - 3 - 50 Hz PW
440-480 V Y/Y - 3 - 60 Hz PW
PW = Part Winding, motors for part winding starting (no start unloaders required)
› Winding ratios:
DHG(DHA)4, DHG(DHA)5, DHG(DHA)6 = 66% / 33%
› Designs for Y/Δ on request
- ⑥ 380-420 V Δ / YYY - 3 - 50 Hz PW
440-480 V Δ / YYY - 3 - 60 Hz PW
PW = Part Winding, motors for part winding starting (no start unloaders required)
› Winding ratios: DHG7 = 60% / 40%
› Designs for Y/Δ on request
- ⑦ For soldering connections

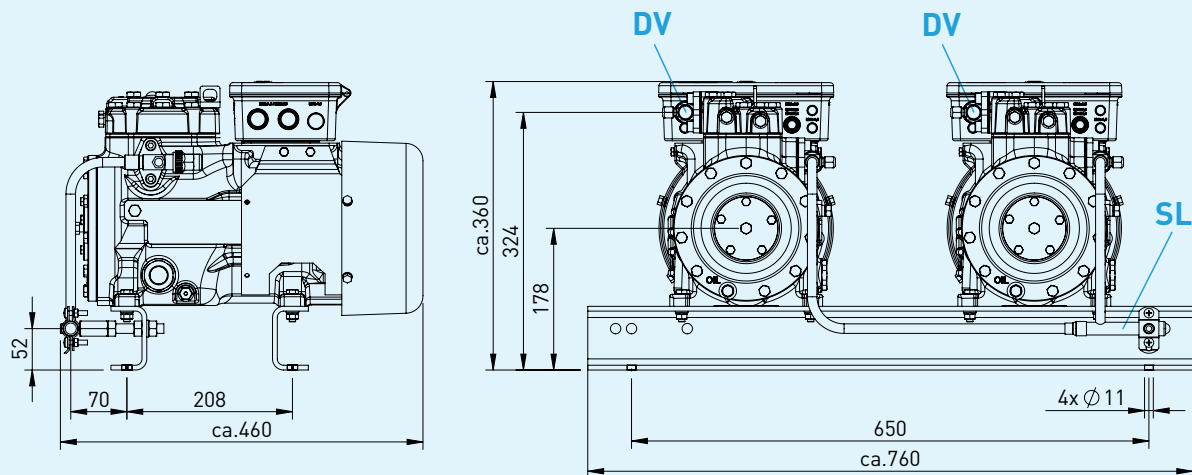
DHA12P

DHA12P/60-4

DHA12P/75-4

DHA12P/90-4

DHA12P/110-4



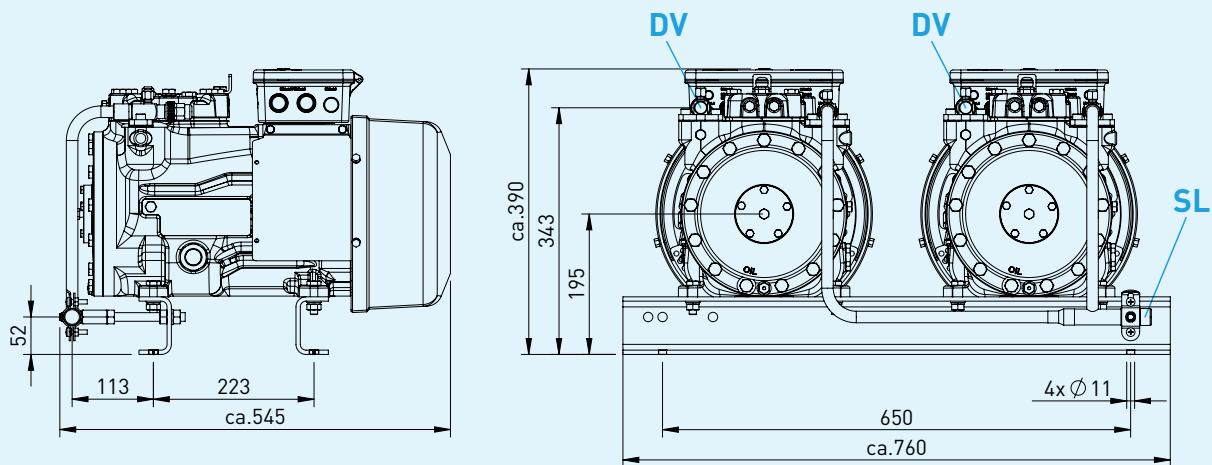
Dimensions in mm

DHA22P

DHA22P/125-4

DHA22P/160-4

DHA22P/190-4



Dimensions in mm

• Connections see page 131

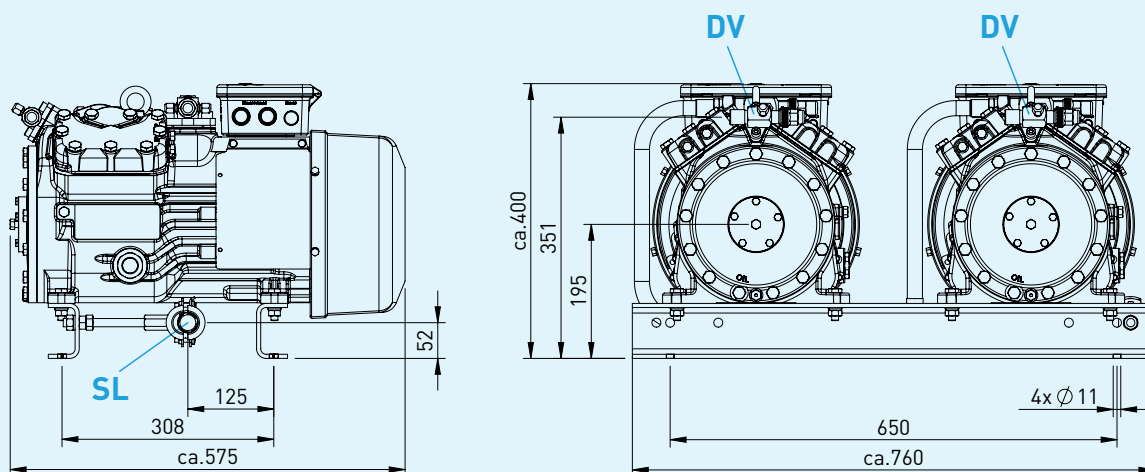
DHA34P

DHA34P/215-4

DHA34P/255-4

DHA34P/315-4

DHA34P/380-4



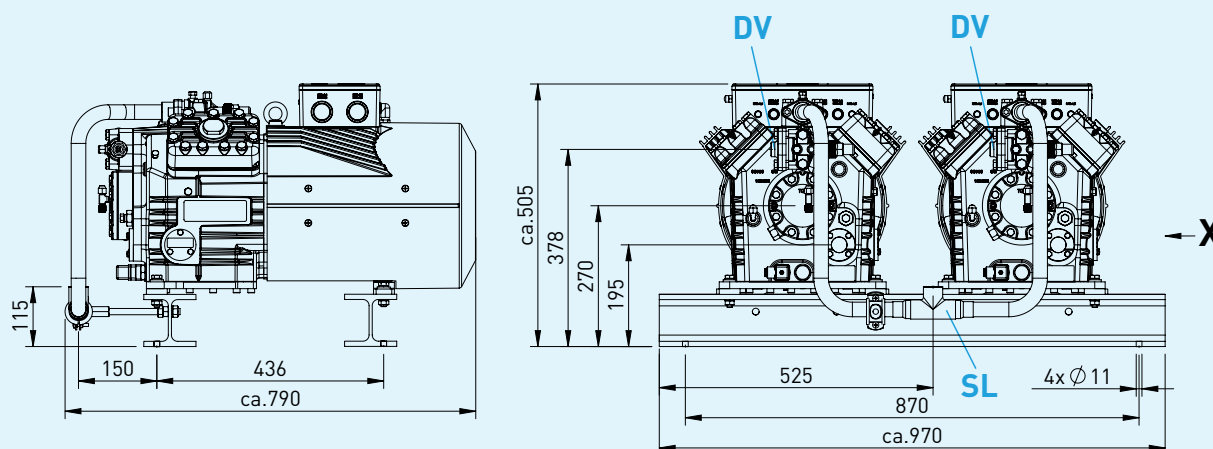
Dimensions in mm

DHA4

DHA4/465-4

DHA4/555-4

DHA4/650-4



Dimensions in mm

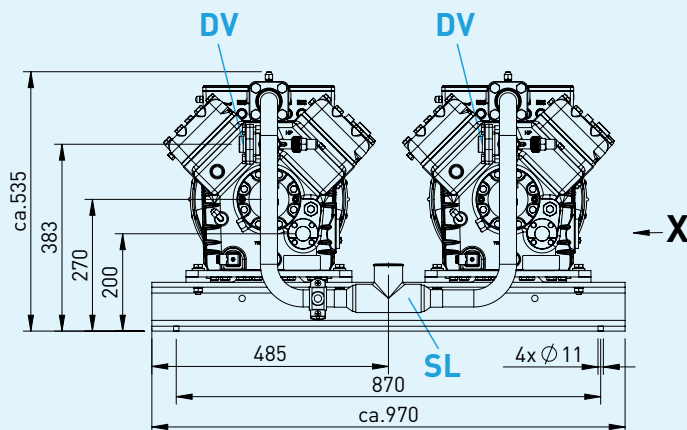
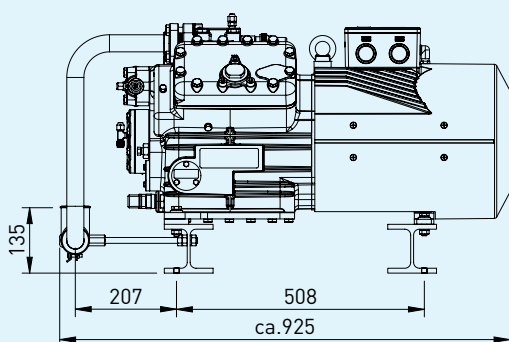
- Connections see page 131
- Dimensions for view X see page 59

DHA5

DHA5/725-4

DHA5/830-4

DHA5/945-4



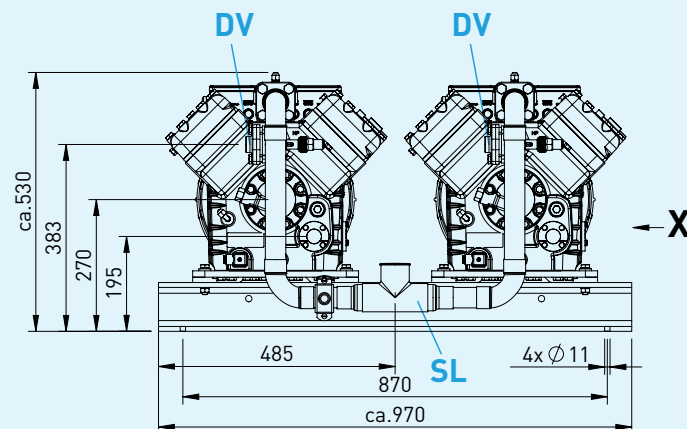
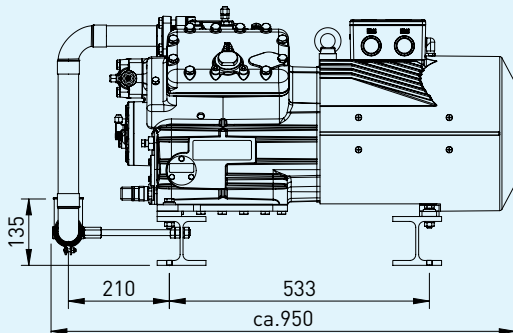
Dimensions in mm

DHA6

DHA6/1080-4

DHA6/1240-4

DHA6/1410-4



Dimensions in mm

- Connections see page 131
- Dimensions for view X see page 59