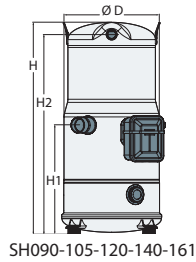
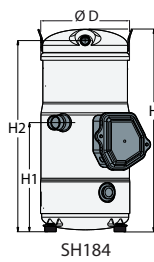


## Quick reference

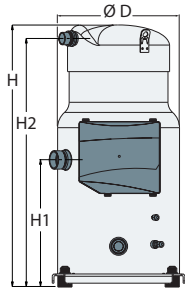
## Product range single compressors



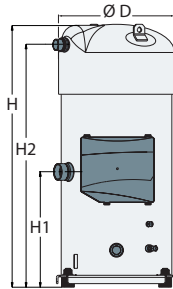
SH090-105-120-140-161



SH184



SH180-240-295



SH380-485

Model	D	H	H1	H2
SH090	243	482	235	451
SH105	243	540	278	509
SH120	243	540	278	509
SH140	243	540	278	509
SH161	243	540	278	509
SH184	243	555	300	525
SH180	318	683	331	648
SH240	318	683	331	648
SH295	318	683	331	648
SH380	333	755	331	697
SH485	333	755	331	697

All dimensions in mm

Motor voltage code	Code 3	Code 4	Code 7	Code 9
Nominal voltage	200-230V - 3 ph	460V - 3 ph	575V - 3 ph	380V - 3ph
Voltage range	180 - 253V	415 - 506V	517- 632 V	342 - 418 V

## Technical specifications

Model	Nominal tons 60 Hz	Nominal cooling capacity		Power input	COP	E.E.R.	Swept volume	Displacement ①	Oil charge	Net weight ②
	TR	W	Btu/h	kW	W/W	Btu/h/W	cm <sup>3</sup> /rev	m <sup>3</sup> /h	dm <sup>3</sup>	kg
SH090	7.5	27100	92500	8.57	3.16	10.78	88.40	18.60	3.0	58.0
SH105	9	32100	109600	9.96	3.22	10.99	103.50	21.80	3.3	64.0
SH120	10	36800	125600	11.25	3.27	11.16	116.90	24.60	3.3	64.0
SH140	12	42300	144400	12.77	3.31	11.30	133.00	27.90	3.3	67.0
SH161	13	47200	161100	14.43	3.27	11.16	151.70	31.90	3.3	69.0
SH184	15	54000	184300	16.45	3.28	11.19	170.30	35.80	3.6	71.5
SH180	15	54300	185300	16.58	3.27	11.16	170.20	35.70	6.7	108.0
SH240	20	72200	246400	22.10	3.27	11.16	227.60	47.80	6.7	108.0
SH295	25	88500	302000	27.21	3.25	11.09	276.20	58.00	6.7	111.0
SH380	30	109600	374100	33.99	3.22	10.99	345.00	72.30	6.7	159.0
SH485	40	140600	479900	43.28	3.25	11.09	442.60	92.90	6.7	175.0

① Displacement at nominal speed: 3500 rpm at 60 Hz

② Net weight with oil charge

TR: Ton of Refrigeration,  
EER: Energy Efficiency Ratio  
COP: Coefficient Of Performance,

Standard rating conditions: ARI standard  
Refrigerant: R410A

Evaporating temperature: 7.2 °C  
Condensing temperature: 54.4 °C

Superheat: 11.1 K  
Subcooling: 8.3 K

Subject to modification without prior notification.

For full data details and capacity tables refer to Online Datasheet Generator: [www.danfoss.com/odsg](http://www.danfoss.com/odsg)

## Nameplate reference

