

# HK

**MAYEKAWA**  
**MYCOM**

Series

Reciprocating Compressor



**Single Stage**  
**Open Type**

<https://mayekawa.com/americas/mna>

# HK

Series

## HK-Series Reciprocating Compressor

Compact, Lightweight, High-Pressure

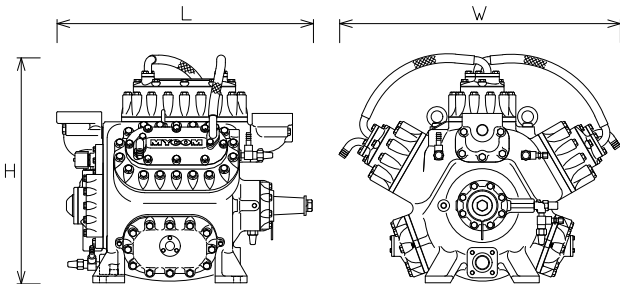
### HK FOR HIGH PRESSURE

### STANDARD FEATURES

- A versatile range of pressures and speeds
- Compressor gas up to 725 psi
- Best suited for CO<sub>2</sub> refrigeration and NH<sub>3</sub> heat pumps
- Directly contributes to high efficiency and energy savings
- CO<sub>2</sub> defrosting mode; making a separate hot gas CO<sub>2</sub> compressor redundant
- Produces hot water over 80 C (175 F) in NH<sub>3</sub> heat pump applications

### DIMENSIONS & SPECIFICATIONS

Dimensions are for reference only. Please contact MYCOM for more detailed drawings.



mm [inch]

MODEL	L	W	H
4HK	750 [29.5]	360 [14.1]	640 [25.1]
6HK	750 [29.5]	360 [14.1]	640 [25.1]

		4HK	6HK
Refrigerant		NH <sub>3</sub> / CO <sub>2</sub>	
Weight of Compressor	kg/lbs	360 / 794	360 / 794
Cylinder Diameter	mm/inch	85 / 3.35	
Stroke	mm/inch	65 / 2.56	
Design Pressure LP	MPa/PSI	2.5 / 363	
Design Pressure HP	MPa/PSI	5.6 / 812	
Number of Cylinders		4	6
Revolution	rpm	NH <sub>3</sub> : 900 ~ 1,600 / CO <sub>2</sub> : 900 ~ 1,800	
Displacement (CFM)	900rpm	46.9	70.3
	1,200rpm	62.5	93.8
	1,450rpm	75.5	113.0
	1,800rpm	93.8 (CO <sub>2</sub> only)	141 (CO <sub>2</sub> only)
Driving Method		Direct Drive	
Volume Control	Load %	0, 50, 100	33, 66, 100
	Method	Hydraulic Control Solenoid Valve (Unload When Energized)	
	Voltage V	120	
Refrigerant Oil		ISO-VG 46 to 68 (Ask Mayekawa Branch)	
Cooling Configuration	CO <sub>2</sub>	Head cover cooling : Air cooled / Oil cooling : None	
	NH <sub>3</sub>	Head cover cooling : Water cooled / Oil Cooling : Water cooled	

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