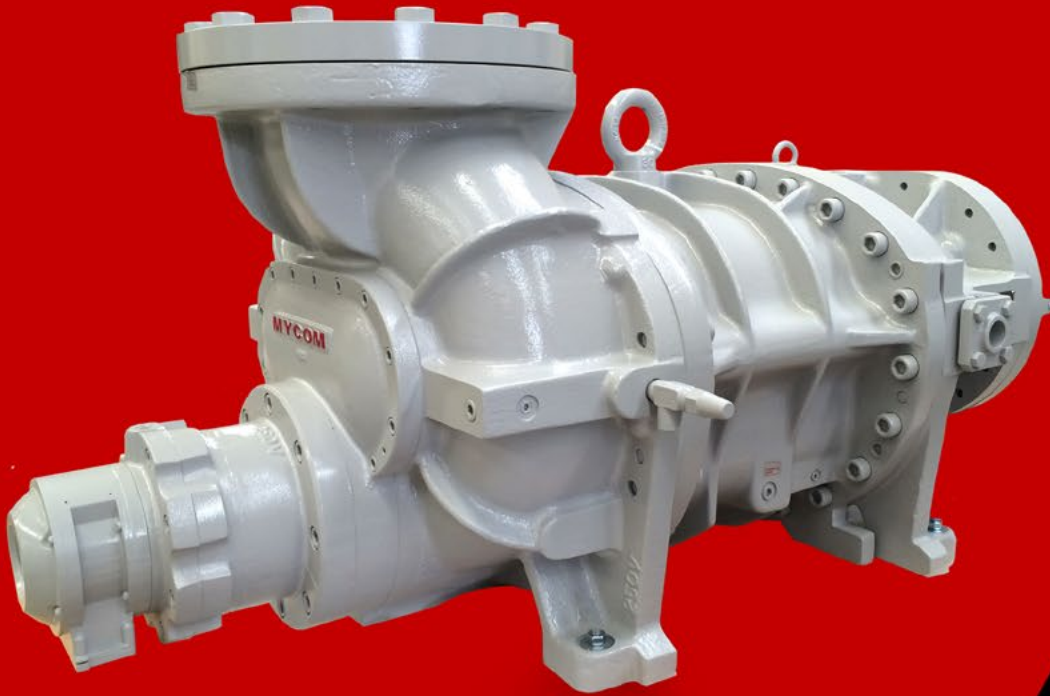


ΜΑΥΕΚΑΨΑ
MYCOM



V·UD
series

Screw
Compressor

V/UD

V / UD-series Screw Compressors

MYCOM's proven design, established industry standard

RANGE

Broad range of models from 125mm (276 CFM) to 400mm (8,120 CFM)

HOUSING

Low porosity Cast Iron, ANSI / ASHRAE STD.15, hydraulically tested at 470 Psig after assembly.

BEARING

Radial bearings are steel backed babbitted sleeve type. Thrust bearings are angular contact ball bearings with oversized balance piston.

ROTOR PROFILE

MYCOM "O" profile reduces the rotor interlobe gas blow-by and improves sealing oil film on rotor surface by use of a circular arc profile rather than the conventional sealing edge.

VARIABLE Vi *on V-series

The internal volume ration (Vi) may be manually adjusted from 2.6 to 5.8 (2.2 to 5.0 as an option) to provide the lowest power consumption for any given application.

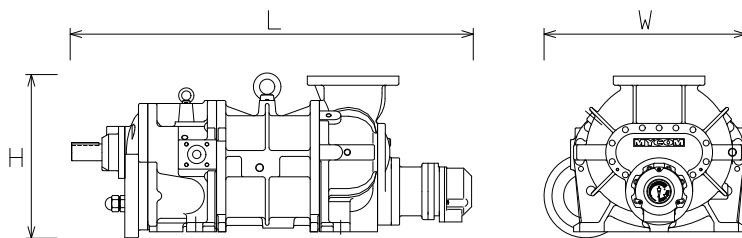
CAPACITY CONTROL

A hydraulically operated slide valve regulates the compressor capacity from 10% to full load with improved part load performance.



DIMENSIONS & SPECIFICATIONS

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



mm [inch]

MODEL	L	W	H
160VS	1027 [40.43]	470 [18.50]	410 [16.14]
160VM	1072 [42.40]		
160VL	1117 [43.98]		
200VS	1199 [47.20]	570 [22.44]	510 [20.08]
200VM	1256 [49.45]		
200VL	1311 [51.61]		
250VS	1395 [54.92]	715 [28.15]	640 [25.20]
250VM	1467 [57.76]		
250VL	1535 [60.43]		
250VLL	1613 [63.48]	890 [35.04]	780 [30.71]
320VSD	1796 [70.71]		
320VMD	1884 [74.71]		
320VLD	1971 [77.60]		

		160V S / M / L	200V S / M / L	250V S / M / L / LL	320V S / M / L	125UD S / L	400UD S / M / L
Refrigerant		NH3 / HFC / Propane					
Weight of Compressor	lb	816 / 838 / 860	1,380 / 1,477 / 1,544	2,602 / 2,690 / 2,867 / 3,065	4,939 / 5,468 / 5,821	485 / 507	11,709 / 13,583 / 15,457
Min. Rotation	rpm	1,450			1,450	1,450	Ask Mayekawa
Max. Rotation	rpm	4,500			3,600	4,500	Ask Mayekawa
Displacement @ 3,550rpm	CFM	294 / 367 / 441	574 / 718 / 859	1,120 / 1,400 / 1,670 / 1,980	2,250 / 2,800 / 3,350	130 / 210	294 / 367 / 441
Capacity Control		10 to 100%					
Design Pressure	MPa / PSI	2.16 / 313					
Refrigerant Oil		Ask Mayekawa Branch					

*The information contained herein is for reference only.
Subject to change without notice.

MAYEKAWA

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