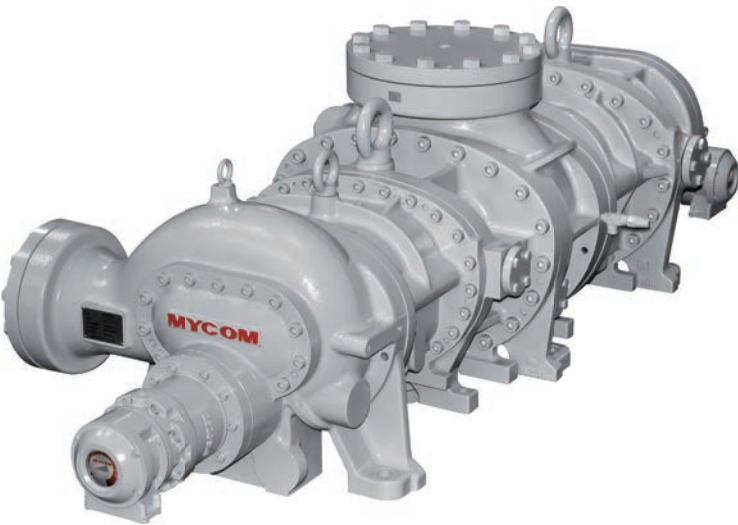


Two compressors compounded in one casing for single driver and single lube system to cut down space requirement and cost.

Screw Compressor
[Two Stage] Open Type
C SERIES



Specifications

Models		1610SLC-52 *1		1612LSC		2016LSC		2520LSC		3225LSC		4032LSC	
		Low Stage	High Stage	Low Stage	High Stage	Low Stage	High Stage	Low Stage	High Stage	Low Stage	High Stage	Low Stage	High Stage
Working Fluid		Hydrocarbons and other gas / Propane, Propylene / HFCs / Ammonia											
Minimum rotation speed		rpm1450 *2											
Maximum rotation speed		rpm1750 *2		4500 *2		4000 *2		3600 *2					
Rotation direction		CW when viewed from motor side		CCW, viewed from motor									
Capacity control		%100-30 *3											
Gas inlet port		MYCOM 125A* 4		MYCOM 125A* 4		JIS20K 150A		JIS20K 250A		JIS20K 350A		ANSI#300 16"	
Gas outlet port		JIS20K 50A		MYCOM 65A* 4		JIS20K 80A		JIS20K 100A		JIS20K 150A		ANSI#300 8"	

^{*1} The model 1610SLC-52 includes an internal step-up gear.
^{*2} The range of rotation speed varies by operating conditions. Please refer to the ranges of use stated in the operating instructions.
^{*3} The minimum value of capacity control varies by operating conditions and models.
^{*4} Flanges with a designation starting with MYCOM are in-house products of MYCOM.

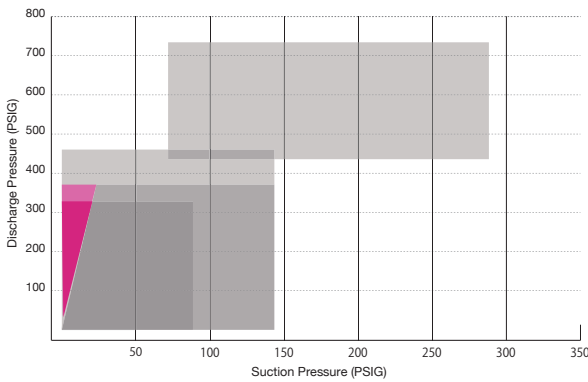
Efficient Two-Stage Compression
Done in Single Compressor for
High Compression Ratio

Wide-Range Lineup

Wide range of models* with a variety of high-stage x booster stage rotors combinations is available to cover swept volume from 216 CFM to 9182 CFM**.

^{*}The models (rotor combinations) shown herein are only those that are typically used. Contact us for other models and rotor combinations.
^{**}With a 2 pole direct drive motor.

Operating Pressure Range

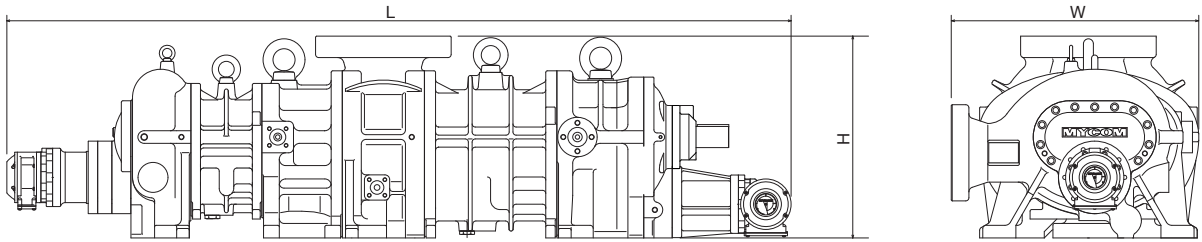


^{*} For reference only.

API619

Cast steel casings, forged steel rotors, tilting pad thrust bearings and other API619 compliant options are available.

Swept Volumes, Dimensions & Weight



^{*} 1. Dimensions of the model 1610SLC-52 include an internal step-up gear.
^{*} The outer dimension drawings illustrate the model 2520LSC.

	Theoretical Displacement				Dimension			Weight	
	50Hz		60Hz		W in (mm)	L in (mm)	H in (mm)	Cast Steel	Cast Iron
	CFM	m³/h	CFM	m³/h				lbs (kg)	lbs (kg)
1612SSC	244	415	294	499	20 (511)	48 (1231)	19 (493)	1014 (460)	926 (420)
1612MSC	305	519	367	624	20 (511)	50 (1276)	19 (493)	1125 (510)	1014 (460)
1612LSC	366	622	441	479	20 (511)	52 (1321)	19 (493)	1213 (550)	1103 (500)
2016SSC	477	810	574	975	26 (657)	68 (1726)	20 (513)	2624 (1100)	2205 (1000)
2016MSC	600	1020	718	1220	26 (657)	70 (1783)	20 (513)	2558 (1160)	2315 (1050)
2016LSC	712	1210	859	1460	26 (657)	72 (1838)	20 (513)	2668 (1210)	2426 (1100)
2520SSC	930	1580	1118	1900	31 (785)	92 (2347)	25 (640)	4631 (2100)	4212 (1910)
2520MSC	1165	1980	1401	2380	31 (785)	95 (2419)	25 (640)	4829 (2190)	4388 (1990)
2520LSC	1389	2360	1672	2840	31 (785)	98 (2487)	25 (640)	4983 (2260)	4520 (2050)
3225SSC	1866	3170	2248	3820	37 (945)	97 (2456)	33 (832)	7321 (3320)	6659 (3020)
3225MSC	2331	3960	2802	4760	37 (945)	103 (2628)	33 (832)	7673 (3480)	6968 (3160)
3225LSC	2790	4740	3355	5700	37 (945)	107 (2715)	33 (832)	8026 (3640)	7299 (3310)
3225LLC	3296	5600	3967	6740	37 (945)	116 (2952)	33 (832)	10077 (4570)	9151 (4150)
4032SSC	3814	6480	4591	7800	51 (1305)	130 (3297)	47 (1199)	17464 (7920)	16979 (7700)
4032MSC	4791	8140	5768	9800	51 (1305)	138 (3507)	47 (1199)	19404 (8800)	18853 (8550)
4032LSC	5709	9700	6886	11700	51 (1305)	142 (3615)	47 (1199)	21234 (9630)	20617 (9350)
4032LLLC	6769	11500	8122	13800	51 (1305)	158 (4009)	47 (1199)	23924 (10850)	23153 (10500)
4032XLLLC	7593	12900	9182	15600	51 (1305)	167 (4239)	47 (1199)	27166 (12320)	-