

Technical Specifications: 급유식 1단 PM VSD 스크류압축기

Model		CA10 VSD	CA20 VSD	CA30 VSD	CA50 VSD	CA75 VSD	CA100 VSD	CA125 VSD	CA150 VSD	CA175 VSD	CA200 VSD	CA250 VSD	CA300 VSD	CA350 VSD									
Compressor	Air Delivery(m <sup>3</sup> /min)	7.5 kgf/cm <sup>2</sup>	0.34~1.20	0.66~2.58	1.00~3.75	1.63~6.51	2.75~11.00	3.45~13.80	4.13~17.80	5.50~22.00	6.43~25.70	7.50~30.00	8.63~34.50	9.80~39.50	10.90~43.80								
		8.5 kgf/cm <sup>2</sup>	0.32~1.10	0.61~2.35	0.87~3.50	1.60~6.41	2.58~10.30	3.25~13.00	4.00~17.20	5.13~21.00	6.13~24.50	7.20~28.80	8.25~33.00	9.50~38.00	10.70~43.0								
		10.5 kgf/cm <sup>2</sup>	0.26~1.02	0.52~2.08	0.74~2.94	1.34~5.36	2.18~8.70	2.88~11.50	3.48~14.60	4.47~18.00	5.35~21.40	5.87~23.50	7.20~28.80	8.00~32.00	/								
		12.5 kgf/cm <sup>2</sup>	0.22~0.86	0.42~1.80	0.61~2.42	1.16~4.62	2.00~8.00	2.55~10.60	3.08~12.30	3.70~14.80	4.45~17.80	5.25~21.00	5.87~23.50	7.20~28.80	8.30~33.00								
	Outlet Temperature(°C)	Ambient Temperature + 15°C																					
	Outlet Pipe Diameter(Inch)	G3/4	G3/4	G1	G3/4	G1 1/2	G2	G1 1/2	G2	DN65	G2	DN65	DN65	DN80	DN65	DN100	DN80	DN100	DN80	DN125	DN100	DN125	DN100
	Transmission Method	One Shaft							Direct Driven														
	Lubricant Requirement(L)	10	18	18	20	40	60	70	100	100	100	100	150	150	150								
	Ventilation Method	25~100% Automatical Control, Constant Pressure Output																					
	Oil Content(PPM)	Less than 3																					
Max. Working Ambient Temperature(°C)	45°C																						
Motor(PMSM)	Power(kW)	7.5	15	22	37	55	75	90	110	132	160	185	220	250									
	Starting Method	Inverter																					
	Voltage	380V/3Ph/60Hz																					
	Motor Efficiency	IE4																					
	Protection Level	IP23							IP55														
Cooler	Cooling Type	Air-cooled							Air-cooled or Water-cooled														
	Control Method	Frequency Conversion Contant Temperature Control																					
	Fan Power(kW)	0.18	0.6	0.75	0.6	1.5	2.2	2.2	2.2	3	2x1.1	2.2	2x2	2x1.1	2x2.2	2x2.2	2x2.2	2x2.2	3x4	2x2.2	3x4	2x2.2	
	Cooling Air Volume(m <sup>3</sup> /min)	26	52	75	127	189	258	310	378	454	550	637	757	860									
	Cooling Water(ton/hr)	-	-	-	-	-	-	15.5	18.9	23.0	27.2	31.5	35.8	40.0									
Noise(dB(A))	60	65	65	68	72	72	75	75	78	78	78	82	82										
Weight(kg)	260	330	510	330	600	950	750	1400	2000	1900	2400	2200	2800	2600	3400	3000	4000	3800	5000	4500	5200	4800	
Dimention	Length(mm)	650	880	880	880	1000	1400	1080	1400	1900	1800	2190	1900	2950	2190	2900	2950	2960	2950	2900	2960	2900	2960
	Width(mm)	650	780	800	780	900	1100	1000	1100	1315	1130	1490	1315	1900	1490	1894	1900	1790	1900	2000	1790	2000	1790
	Height(mm)	1015	1080	1350	1080	1420	1510	1480	1510	1680	1550	1890	1680	1840	1890	2050	1840	2060	1840	2100	2060	2100	2060

Technical Specifications: 급유식 2단 PM VSD 스크류압축기

Model		CA20II VSD	CA30II VSD	CA50II VSD	CA60II VSD	CA75II VSD	CA100II VSD	CA125II VSD	CA150II VSD	CA160II VSD	CA175II VSD	CA200II VSD	CA225II VSD	CA250IIVSD	CA275II VSD	CA300II VSD	CA350II VSD	CA375II VSD	CA400II VSD	CA450II VSD																				
Compressor	Air Delivery(m <sup>3</sup> /min)	4.5 kgf/cm <sup>2</sup>	1.0~3.9	1.6~6.4	2.6~10.3	3.3~13.1	3.9~15.5	4.2~20.7	6.4~25.6	7.7~30.0	8.8~35.0	9.6~38.3	10.5~42.0	11.0~44.0	12.7~50.0	13.7~55.0	15.3~61.0	16.3~65.0	19.2~76.9	20.6~82.5	21.3~85.5																			
		5.5 kgf/cm <sup>2</sup>	0.9~3.5	1.5~6.1	2.4~9.5	2.9~11.5	3.4~14.5	4.8~19.0	5.9~23.6	7.2~28.2	7.9~30.0	8.8~35.0	9.6~38.3	10.5~42.0	11.5~46.0	12.5~50.0	13.7~55.0	15.3~61.0	17.8~71.0	19.2~76.8	20.6~82.4																			
		6.5 kgf/cm <sup>2</sup>	0.8~3.2	1.2~4.8	2.2~8.7	2.4~10.5	3.2~13.3	4.5~17.5	5.6~21.5	6.7~26.6	7.2~28.2	7.8~33.0	8.8~35.0	9.6~38.3	11.0~44.0	11.5~46.0	12.7~51.0	15.0~60.0	16.2~65.0	17.7~70.9	19.2~76.7																			
		7.5 kgf/cm <sup>2</sup>	0.7~3.0	1.1~4.5	1.9~7.5	2.3~10.0	3.0~13.1	4.2~16.6	5.3~20.8	6.1~24.5	6.5~26.0	7.2~30.0	8.1~33.0	8.8~35.0	10.7~42.0	11.0~44.0	12.4~49.6	13.8~55.3	15.1~60.5	16.2~65.0	17.7~70.7																			
		8.5 kgf/cm <sup>2</sup>	0.7~2.9	1.1~4.3	1.8~7.4	2.2~8.6	2.8~12.3	3.8~15.6	4.9~20.0	5.8~23.5	6.1~24.8	6.9~28.0	7.4~30.0	8.1~33.0	10.3~40.0	10.5~42.0	11.5~46.0	13.3~51.0	14.1~56.5	15.0~60.3	16.2~65.0																			
		10.5 kgf/cm <sup>2</sup>	0.6~2.4	0.8~3.4	1.5~6.0	1.9~7.5	2.3~10.1	3.4~13.6	4.1~16.3	5.1~20.1	5.6~22.9	6.1~24.1	6.5~28.0	7.7~30.0	8.8~35.5	9.7~38.6	10.3~41.2	11.7~46.0	12.8~51.0	14.1~56.5	15.0~60.2																			
	12.5 kgf/cm <sup>2</sup>	0.5~2.0	0.7~2.9	1.4~5.6	1.6~6.4	2.3~9.0	2.9~11.5	3.9~15.3	4.4~17.3	4.7~19.2	5.4~21.3	6.1~24.3	6.5~26.3	7.5~32.4	8.2~33.0	9.5~38.1	10.3~41.2	11.6~46.0	12.8~51.5	14.1~56.5																				
	Outlet Temperature(°C)	Ambient Temperature + 15°C																																						
	Outlet Pipe Diameter(Inch)	G1 1/2	G2	G1 1/2	G2	G2	G2 1/2	G2	G2	G2 1/2	G2	DN65	G2 1/2	DN100	DN80	DN65	DN100	DN80	DN125	DN100	DN80	DN125	DN100	DN125	DN150	DN125	DN150	DN125	DN150	DN125	DN200	DN150	DN200	DN150	DN200	DN150				
	Transmission Method	Direct Driven																																						
Lubricant Requirement(L)	24	50	24	50	50	70	50	50	70	50	70	70	120	100	70	120	100	150	120	100	150	120	150	120	180	150	200	180	200	180	200	180	200	200	200	200				
Ventilation Method	25~100% Automatical Control, Constant Pressure Output																																							
Oil Content(PPM)	Less than 3																																							
Max. Working Ambient Temperature(°C)	52°C																																							
Motor(PMSM)	Power(kW)	15	22	37	45	55	75	90	110	120	132	150	160	185	200	220	250	280	300	330																				
	Starting Method	Inverter																																						
	Voltage	380V/3Ph/60Hz																																						
	Protection Level	IP55																																						
Cooler	Cooling Type	Air-cooled										Air-cooled or Water-cooled																												
	Control Method	Frequency Conversion Contant Temperature Control																																						
	Fan Power(kW)	0.75	1.3	0.75	1.5	1.3	2.2	1.5	1.3	2.2	1.5	2.2	2.2	4	4	2.2	5.5	4	4	5.5	4	4	5.5	5.5	5.5	5.5	7.5	5.5	11	7.5	11	7.5	11	7.5	15	11	15	15		
	Cooling Air Volume(m <sup>3</sup> /min)	100	120	160	180	250	280	340	380	390	410	500	540	740	780	800	840	860	880	880																				
Cooling Water(ton/hr)	-	-	-	-	9.5	12.8	15.5	18.8	20.6	22.8	25.8	27.5	31.8	34.3	37.8	43.0	48.1	50.0	50.0																					
Noise(dB(A))	65	65	68	68	70	70	73	73	73	73	78	78	78	80	80	82	82	85	85																					
Air-cooled Weight(kg)	1000	1300	1100	1650	1450	2300	2000	1650	2400	2100	2650	2500	4000	3700	3100	4300	3800	5000	4300	4000	5100	4400	5800	4700	6100	4800	7200	6500	8000	7300	8200	7500	8300	7600	9000	8500	9400	8800	9800	8200
Air-cooled Dimention	Length(mm)	1500	1650	1500	1800	1650	2100	1800	1650	2100	1800	2330	2100	2900	2750	2300	2900	2750	2930	2900	2750	2930	2900	3250	2900	3250	3800	3500	3800	3500	3800	3500	4300	3800	4300	3800	4300	3800		
	Width(mm)	900	1050	900	1150	1050	1360	1150	1050	1360	1150	1674	1360	1940	1780	1670	1940	1788	1900	1940	1780	1900	1940	1950	1940	1950	2250	1950	2300	2250	2300	2250	2400	2300	2400	2300	2400	2300		
	Height(mm)	1270	1400	1270	1400	1400	1680	1400	1400	1680	1400	1720	1680	1950	1950	1690	1950	1950	2060	1950	1950	2060	1950	2150	1950	2150	1950	2300	2150	2400	2300	2400	2300	2400	2300	2600	2400	2600	2400	
Water-cooled Dimention	Weight(kg)	-	-	-	-	-	-	-	2300	2000	2400	2400	3800	3300	2900	3600	3400	5000	3700	3500	5100	3800	5300	4100	5600	4200	6400	6000	8000	6500	8200	6600	8300	6800	9000	8600	9400	9000	10000	9500
	Length(mm)	-	-	-	-	-	-	-	2200	1800	2200	2200	2850	2600	2200	2850	2600	3000	2850	2600	3000	2580	3000	2850	3000	2850	3500	3000	3500	3500	3500	3500	3500	3950	3500	3950	3500	4600	3760	
	Width(mm)	-	-	-	-	-	-	-	1400	1320	1400	1400	1750	1600	1400	1750	1600	1900	1750	1600	1900	1750	1900	1750	1900	1750	2200	1900	2220	2200	2220	2220	2220	2200	2300	2220	2300	2220	2400	2300
Height(mm)	-	-	-	-	-	-	-	1800	1370	1800	1800	1860	1860	1800	1860	1800	1860	2130	1860	1860	2130	1860	2130	1860	2130	1860	2440	2130	2400	2440	2400	2440	2400	2440	2650	2400	2650	2400		



Technical Specifications: 급유식 저압용 PM VSD 스크류압축기

Model	Max. Working Pressure (kgf/cm <sup>2</sup> )	Air Delivery (m <sup>3</sup> /min)	PM Motor Power(kW)	Transmission Method	Dimension(mm)			Outlet Pipe Diameter	Weight (kg)
					Length	Width	Height		
CA40L VSD	0.20	2.9~11.3	30	Direct Driven	1800	1300	1900	DN80	2000
CA50L VSD		3.4~14.0	37		1800	1300	1900	DN80	2100
CA60L VSD		4.0~16.0	45		2290	1690	1890	DN100	2600
CA75L VSD		5.2~21.0	55		2290	1690	1890	DN100	2700
CA100L VSD		7.1~28.0	75		2420	1740	2000	DN125	3600
CA125L VSD		8.6~36.5	90		3000	1840	1920	DN150	4500
CA150L VSD		11.6~47.2	110		3440	2050	2290	DN150	5900
CA175L VSD		13.2~51.8	132		3440	2050	2290	DN150	6000
CA200L VSD		14.0~56.5	150		3440	2050	2290	DN150	6300
CA225L VSD		16.6~62.8	160		3440	2050	2290	DN150	6400
CA250L VSD		17.8~71.3	185		4500	2250	2440	DN200	8000
CA275L VSD		20.5~81.8	200		4500	2250	2440	DN200	8600
CA300L VSD		22.2~88.7	220		5000	2400	2600	DN250	9400
CA350L VSD		25.6~102.5	250		5000	2400	2600	DN250	9600
CA50L VSD		0.25	2.5~10.1		37	Direct Driven	1800	1300	1900
CA60L VSD	3.1~12.2		45	1800	1300		1900	DN80	2100
CA75L VSD	4.8~19.3		55	2290	1690		1890	DN100	2700
CA100L VSD	6.3~25.3		75	2420	1740		2000	DN125	3600
CA125L VSD	8.6~34.8		90	3000	1840		1920	DN125	4200
CA150L VSD	9.8~38.8		110	3000	1840		1920	DN150	5000
CA175L VSD	11.8~50.3		132	3440	2050		2290	DN150	6000
CA200L VSD	12.5~55.0		150	3440	2050		2290	DN150	6300
CA225L VSD	15.6~60.6		160	3440	2050		2290	DN150	6400
CA250L VSD	16.6~67.6		185	4340	2250		2440	DN200	8000
CA275L VSD	17.8~71.2		200	4500	2250		2440	DN200	8200
CA300L VSD	20.4~81.6		220	4500	2250		2440	DN200	8800
CA350L VSD	22.8~91.3		250	5000	2400		2600	DN250	9600
CA375L VSD	25.6~102.5		280	5000	2400		2600	DN250	9800
CA50L VSD	0.30		3.5~11.5	37	Direct Driven		1800	1300	1900
CA60L VSD		3.5~13.8	45	1800		1300	1900	DN80	2200
CA75L VSD		4.4~17.6	55	2290		1690	1890	DN100	2700
CA100L VSD		5.8~23.1	75	2420		1740	2000	DN125	3600
CA125L VSD		7.9~32.0	90	3000		1840	1920	DN125	4200
CA150L VSD		9.2~36.8	110	3000		1840	1920	DN125	4800
CA175L VSD		11.8~47.2	132	3440		2050	2290	DN150	6000
CA200L VSD		12.5~50.0	150	3440		2050	2290	DN150	6300
CA225L VSD		14.0~56.6	160	3440		2050	2290	DN150	6400
CA250L VSD		15.6~62.9	185	3440		2050	2290	DN150	6600
CA275L VSD		16.6~67.6	200	4340		2250	2440	DN200	8200
CA300L VSD		18.3~73.1	220	4400		2250	2400	DN200	8800
CA350L VSD		21.0~83.6	250	4400		2250	2400	DN200	9000
CA375L VSD		23.5~93.9	280	5000		2400	2600	DN250	9800
CA400L VSD		25.6~102.2	300	5000		2400	2600	DN250	10000
CA75L VSD	0.35	4.4~17.0	55	Direct Driven	2290	1690	1890	DN100	2700
CA100L VSD		5.8~22.5	75		2420	1740	2000	DN125	3600
CA125L VSD		7.5~29.0	90		3000	1840	1920	DN125	4200
CA150L VSD		8.6~34.8	110		3000	1840	1920	DN125	4800
CA175L VSD		9.8~40.2	132		3000	1840	1920	DN125	5000
CA200L VSD		11.8~47.5	150		3440	2050	2290	DN150	6300
CA225L VSD		12.5~50.3	160		3440	2050	2290	DN150	6400
CA250L VSD		14.0~56.6	185		3440	2050	2290	DN150	6600
CA275L VSD		15.6~62.9	200		3900	2400	2440	DN150	7000
CA300L VSD		16.6~67.5	220		4340	2250	2440	DN200	8200
CA350L VSD		19.3~77.1	250		4400	2250	2440	DN200	9000
CA375L VSD		21.4~85.5	280		4400	2250	2440	DN200	9200
CA400L VSD		23.5~93.8	300		5000	2400	2600	DN250	10000

CA425L VSD		25.5~102.1	315		5000	2400	2600	DN250	10500
CA50L VSD	0.40	2.5~10.1	37	Direct Driven	1800	1300	1900	DN80	2100
CA60L VSD		3.0~11.2	45		1800	1300	1900	DN80	2200
CA75L VSD		4.0~16.0	55		2290	1690	1890	DN100	2700
CA100L VSD		5.2~21.0	75		2290	1690	1890	DN125	3000
CA125L VSD		7.0~25.6	90		2420	1740	2000	DN125	3600
CA150L VSD		7.9~31.0	110		3000	1840	1920	DN125	4800
CA175L VSD		8.6~38.0	132		3000	1840	1920	DN125	5000
CA200L VSD		9.8~40.2	150		3000	1840	1920	DN125	5100
CA225L VSD		11.8~47.0	160		3440	2050	2290	DN150	6400
CA250L VSD		12.5~50.0	185		3440	2050	2290	DN150	6600
CA275L VSD		14.0~56.6	200		3900	2400	2440	DN150	7000
CA300L VSD		15.6~62.6	220		3900	2400	2440	DN150	8200
CA350L VSD		16.6~69.0	250		3900	2400	2440	DN150	8600
CA375L VSD		19.8~79.1	280		4400	2250	2440	DN200	9200
CA400L VSD		21.0~87.4	300		4400	2250	2440	DN200	9400
CA425L VSD		23.4~93.6	315		5000	2400	2600	DN250	10500
CA450L VSD		25.5~101.9	330		5000	2400	2600	DN250	10500

Technical Specifications: 무급유식 2단 PM VSD 스크류압축기

Model	CO75 VSD			CO100 VSD			CO125 VSD			CO150 VSD			CO175 VSD			CO200 VSD			CO250 VSD			CO275 VSD			CO300 VSD			CO350 VSD			CO400 VSD			CO475 VSD														
Pressure(kgf/cm <sup>2</sup> )	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0									
Air Delivery(m <sup>3</sup> /min)	8.8	8.4	7.5	12.0	12.0	10.0	15.8	14.0	12.0	18.8	18.7	16.0	23.00	22.7	19.0	28.4	27.3	23.0	32.0	30.0	26.0	35.5	35.0	30.3	39.0	36.5	33.0	44	41.5	37.0	54.0	50.5	45.0	60.0	60.0	50.5												
PMSM Power(kW)	55			75			90			110			132			160			185			200			220			250			300			355														
Voltage	380V/3Ph/60Hz																																															
Starting Method	Inverter																																															
Transmission Method	Direct Driven																																															
Motor Efficiency	IE4																																															
Motor Protection Level	IP55																																															
Ambient Temperature(°C)	Less than 47°C																																															
Cooling Type	Air-cooled or Water-cooled																																															
Outlet Pipe Diameter(inch)	2			2			3			2			3			3			4			3			4			4			5			5			4			5								
Weight(kg)	2400			2400			3600			2800			3700			3800			5400			4000			5450			5500			6000			6500			8800			7800			9000					
Dimension	Length(mm)			2800			2800			3200			2800			3200			3200			3600			3200			3600			3600			3600			4200			4000			4200					
	Width(mm)			1700			1850			1900			1700			1900			1900			2050			1900			2050			2050			2050			2050			2200			2100			2200		
	Height(mm)			1700			1900			1850			1700			1850			1850			2000			1850			2000			2000			2000			2000			2250			2200			2250		

Technical Specifications: 무급유식 2단 Fixed Speed 스크류압축기

Model	CO75			CO100			CO125			CO150			CO175			CO200			CO250			CO275			CO350			CO400			CO475																	
Pressure(kgf/cm <sup>2</sup> )	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0	7.0	8.0	10.0												
Air Delivery(m <sup>3</sup> /min)	8.2	7.8	7.5	11.0	10.5	10.0	15.2	15.0	12.2	18.5	18.5	15.0	22.6	22.5	18.7	25.5	25.3	23.0	30.5	30.0	25.5	34.6	34.5	30.3	41.5	41.2	35.0	50.0	50.0	45.0	60.0	60.0	50.0															
Motor Power(kW)	55			75			90			110			132			160			185			200			250			300			355																	
Voltage	380V/3Ph/60Hz																																															
Starting Method	Star-Delta																																															
Transmission Method	Direct Driven																																															
Motor Efficiency	IE4																																															
Motor Protection Level	IP55																																															
Ambient Temperature(°C)	Less than 47°C																																															
Cooling Type	Air-cooled or Water-cooled																																															
Outlet Pipe Diameter(inch)	2			2			3			2			3			3			4			3			4			4			5			4			5											
Weight(kg)	2400			2500			3600			2800			3700			3800			5400			4000			5450			5500			6200			8800			7800			9000								
Dimension	Length(mm)			2800			2800			3200			2800			3200			3200			3600			3200			3600			3600			3600			4200			4000			4200					
	Width(mm)			1700			1700			1900			1700			1900			1900			2050			1900			2050			2050			2050			2050			2200			2100			2200		
	Height(mm)			1700			1700			1850			1700			1850			1850			2000			1850			2000			2000			2000			2250			2200			2250					

Technical Specifications: 무급유식 저압용 PM VSD 스크류압축기

Model	CO50L VSD	CO60L VSD	CO75L VSD	CO100L VSD	CO125L VSD	CO150L VSD	CO175L VSD	CO200L VSD	CO250L VSD	CO275L VSD	CO300L VSD	CO350L VSD	CO400L VSD
Pressure(kgf/cm <sup>2</sup> )	2.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5	2.5 3.5
Air Delivery(m <sup>3</sup> /min)	10.6	13.5 9.4	17.4 13.0	23.8 18.7	28.4 22.9	34.6 28.4	42.4 34.6	51.7 42.4	55.1 45.0	62.8 50.0	69.1 55.0	75.4 60.7	83.8 73.2
PMSM Power(kW)	37	45	55	75	90	110	132	160	185	200	220	250	300
Voltage	380V/3Ph/60Hz												
Starting Method	Inverter												
Transmission Method	Direct Driven												
Motor Efficiency	IE4												
Motor Protection Level	IP55												
Ambient Temperature(°C)	Less than 47°C												
Cooling Type	Air-cooled or Water-cooled												
Outlet Pipe Diameter(inch)	3	3	4 3	4	5 4	5	5	6 5	6	6	8 6	8	8
Weight(kg)	2000	2100	2500 2200	2600	3500 2700	3550	3600	6100 3750	6200	6350	7000 6600	7200	7400
Dimension	Length(mm)	2500	2500	2700 2500	2700	3150 2700	3150	3600 3150	3600	3600	3800 3600	3800	3800
	Width(mm)	1650	1650	1800 1650	1800	1900 1800	1900	2000 1900	2000	2000	2400 2000	2400	2400
	Height(mm)	1650	1650	1700 1650	1700	1900 1700	1900	2200 1900	2200	2200	2400 2200	2400	2400