DOUBLE SCREW COMPRESSOR

No.1 Efficiency Compressor
Energy Saving 20-40%
Inverter + PM Motor

Double Screw Compressor Specification

Model			EAV 30AD	EAV 37AD	EAV 45AD	EAV 55AD	EAV 75AD	EAV 132 AD	EAV 185 AD
Compressor	Air Delivery (m^3/min)	4.5Kgf/cm^2	2.1~8.6	2.6~10.3	3.2~12.8	3.9~15.5	4.2~20.7	9.6~38.3	12.7~51.0
		5.5Kgf/cm^2	1.9~7.7	2.4~9.5	2.9~11.8	3.4~14.5	4.8~19.0	8.8~35.0	11.5~46.8
		6.5Kgf/cm^2	1.8 ~ 7.0	2.2~8.7	2.4~10.8	3.2~13.3	4.5~17.3	7.8~33.0	11.0~44.5
		7.5Kgf/cm^2	1.6~6.8	1.9~7.5	2.3~10.2	3.0~13.1	4.2~17.1	7.2~30.1	10.7~42.0
		8.5Kgf/cm^2	1.5~6.2	1.8~7.4	2.2~8.8	2.8~12.3	3.8~15.7	6.9~28.5	10.3~40.0
		10.5Kgf/cm^2	1.2~4.7	1.5~6.0	1.9~7.5	2.3~10.1	3.4~13.6	6.1~24.1	8.8~35.5
		12.5Kgf/cm^2	1.1~4.3	1.4~5.6	1.6~6.4	1.9~8.0	2.9~11.5	5.4~21.3	7.5~32.4
	Outlet Pipe Diameter (inch)		2 | 1 1/2	2 | 2	DN65 | 2 | 2	DN65 | 2	DN80 | DN65	DN125 | DN80	DN150 | DN125
	Lubricant Requirement (L)		50 | 24	50 | 50	70 | 50 | 50	70 | 50	100 | 70	150 | 120	180 | 150
	Outlet Temperature (℃)		Ambient Temperature+15°C						
	Transmission Method		Direct Drive						
	Ventilation method		25-100% Automatical Control,Constant Pressure Output						
	Oil Content (ppm)		≤ 3						
	Concuss (mm/s)		≤ 7						
	Design Max Working Ambient Temperature (◦C)		52◦C						
Electric Motor	Power (kW)		30	37	45	55	75	132	185
	Starting Method		Variable Frequency Starting						
	Voltage		380V						
	Protection Level		IP54						
Cooler	Cooling Type		Air-Cooling or Water Cooling						
	Control Method		Variable Frequency Constant Temperature Control						
	Fan Power (KW)		1.3/0.75	1.3/1.3	2.2/1.3/1.3	2.2/1.3	1.3x2/2.2	4/1.5 x 2	7.5/5.5
Cooling Air Volume (m^3/min) / Cooling Water (t/h)			140	160	180	250/9.5	280/12.8	410/22.8	740/31.8
Safety Indicating DeviceStarting Method			Safety Valve / Exhaust High Temperature Proctection / Exhaust High Pressure Protection / Over Current Proctection Less Phase Protection / Reversed Phase Protection380V						
Maintenance Tips			Air Filter / Oil Filter / Oil-Gas Separator / Lubricated Oil						
Microcomputer Control			Digital Temperature / Pressure Display Controller / Fully Automatic Operation / Stop Controll Multi-Machine Interconnection Controller (Optional) / Central Monitoring Extension Function (Optional)						
Noise (db)			68	68	68	70	70	73	78
Weight (Kg)			1550 | 1450	1750 | 1600	2000 | 1800 | 1650	2300 | 1900	2800 | 2400	5000 | 4500	7000 | 6000
External Dimension	Length (mm)		1650 | 1500	1800 | 1650	2100 | 1800 | 1650	2100 | 1800	2480 | 2100	2970 | 2850	3550 | 3300
	Width (mm)		1050 | 900	1150 | 1050	1366 | 1150 | 1050	1366 | 1150	1480 | 1366	1920 | 1600	2200 | 1950
	Height (mm)		1370 | 1270	1390 | 1370	1680 | 1390 | 1370	1680 | 1390	1860 | 1680	2060 | 1950	2250 | 2150