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Технические характеристики

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Drop-in Replacement Stokes 212H And 412J

Description: Not only pump but also spare parts can 100% replace Stokes 212H&412J. You can use directly our spare parts to stokes pump.

As we know that Stokes pump is very well known for its performace.

EVP can also provide H-70G&H-150G to drop-in replacement stokes 212H and 412J. 100% replace from performance to dimension as well as 100% spare parts. That means you can use EVP spare parts directly to stokes pump.

H Series Piston Vacuum Pump is a single stage rotary piston vacuum pump, namely sliding vane vacuum pump.

Applications:

It's suitable for vacuum smelting, vacuum drying, vacuum coating, electrician, electron, metallurgy, chemical industry, ceramic, aviation, laboratory and other occasions of vacuum coating, vacuum drying, vacuum degassing, vacuum impregnation, vacuum brazing, vacuum heat treatment, vacuum concentration, vacuum reaction, high altitude simulation experiments on the vacuum operation ,etc. It can be used individually and also combined together with the fore-pump of other high-vacuum pumps such as Roots pump, oil diffusion pump and molecular pumps, etc. It's necessary to add additional devices please, (such as filter, gas-water separator and 1# vacuum oil) in case that gas contains high volume of oxygen, explosive, erosive to ferrous metals, chemically reactive to vacuum oil and more water or dust.

Features:

Pump body and the pump cover, the oil tank and the oil tank cover with a sealing groove, take the

O-ring seal, reliable sealing, convenient assembly and disassembly;

The Oil Separator made of aluminum alloy; attractive appearance; easy replacement.

Pump bearing is offshoring, which separated with the pump chamber,supply oil separately, thus it can avoid impurities or harmful gases get into the bearing, prolong the service life of bearing;

Equipped with an oil pump, which forced lubrication, especially suitable for the pump for a long time under high inlet pressure condition.

EVP Model		H-70G	H-150G
Stokes Model		212H	412J
Pumping speed(L/S)		70	150
Ultimate pressure(pa)		1	0.8
Pump rotary speed(rpm)		500	500
Suitable motor	Power(KW)	5.5	11
	Rotary speed(rpm)	1440	1440
	Model	Y132s-4	Y160M
Max.inlet pressure(Pa)		1.3x10 ⁴	1.3X10 ³
Cooling water consumption(kg/h)		150	
Lubricated Oil	Model	1# vacuum pump oil	
	Capacity(kg)	15	46
Dimension	Inlet(mm)	80	105
	Outlet(mm)	50	76
Length x width x height(mm)		650x630x1200	1010X680X1356
Total weight(kg)		525	1016



2H Piston Vacuum Pump

Description: 2H series piston vacuum pump is a vacuum pump that can exhaust normal gas and gas containing a small amount condensable vapor (gas ballast device should be used).

2H series double stage rotary piston vacuum pump is a vacuum pump that can exhaust normal gas and gas containing a small amount condensable vapor (gas ballast device should be used).

Applications:

It's suitable for vacuum smelting, vacuum drying, vacuum coating, electrician, electron, metallurgy, chemical industry, ceramic, aviation, laboratory and other occasions of vacuum coating, vacuum drying, vacuum degassing, vacuum impregnation, vacuum brazing, vacuum heat treatment, vacuum concentration, vacuum reaction, high altitude simulation experiments on the vacuum operation ,etc. It can be used individually and also combined together with the fore-pump of other high-vacuum pumps such as Roots pump, oil diffusion pump and molecular pumps, etc. It's necessary to add additional devices please, (such as filter, gas-water separator and 1# vacuum oil) in case that gas contains high volume of oxygen, explosive, erosive to ferrous metals, chemically reactive to vacuum oil and more water or dust.

Features:

Pump body and the pump cover, the oil tank and the oil tank cover with a sealing groove, take the O-ring seal, reliable sealing, convenient assembly and disassembly;

The Oil Separator made of aluminum alloy; attractive appearance; easy replacement.

Pump bearing is offshoring, which separated with the pump chamber,supply oil separately, thus it can avoid impurities or harmful gases get into the bearing, prolong the service life of bearing;

Equipped with an oil pump, which forced lubrication, especially suitable for the pump for a long time

under high inlet pressure condition.

Model	Ultimate pressure		Pumping speed	Inlet diam	Outlet diam	Motor power	Cooling water consumption	weight
	Pa	Torr						
2H-15	6×10 ⁻²	4.5×10 ⁻⁴	15	50	40	2.2	Air-cooling	175
2H-30	6×10 ⁻²	4.5×10 ⁻⁴	30	63	50	4	100	380
2H-70	6×10 ⁻²	4.5×10 ⁻⁴	70	80	50	7.5	150	710
2H-120	6×10 ⁻²	4.5×10 ⁻⁴	120	100	80	11	200	960
2H-150	6×10 ⁻²	4.5×10 ⁻⁴	150	100	80	15	200	1020



H Piston Vacuum Pump

Description: H Series Piston Vacuum Pump is a single stage rotary piston vacuum pump, namely sliding vane vacuum pump.

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Applications:

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Features:

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Equipped with an oil pump, which forced lubrication, especially suitable for the pump for a long time

under high inlet pressure condition.

H Series technical data(50hz) :

Model		H-70	H-150	H-180	H-200	H-230	H-300
Pumping speed (L/S)		70	150	180	200	230	300
Ultimate pressure (Pa)		1	1	1	1	1	1
Pump rotary speed (rpm)		500	500	380	410	450	450
Suitable motor	Power (KW)	5.5	15	15	15	18.5	22
	Rotary speed(rpm)	1440	1440	1460	1460	1470	1470
	Model	Y132S-4	Y132M-4	Y160L-4	Y160L-4	Y180M-4	Y180L-4
Max. inlet pressure (Pa)				1.3X10 ⁴			
Max. Vapor Productivity (kg/hr.)				About 8.4			
Cooling water consumption (kg/h)		150	200	450	450	450	700
Lubricated oil	Model			1# vacuum pump oil			
	Capacity (kg)	18	40	45	45	45	63
Dimension	Inlet (mm)	80	100	160	160	160	160
	Outlet (mm)	50	80	100	100	100	100
Length x width x height (mm)		650 X 630 X 1200	1010 X 680 X 1356	1140 X 940 X 1270	1140 X 940 X 1270	1140 X 940 X 1325	1140 X 1160 X 1325
Total weight (kg)		525	970	1155	1155	1155	1525

Model	H-150G	H-150F	H-200F	H-300F
Pumping speed (L/S)	150	150	200	300
Ultimate pressure (Pa)	1	1	1	1

Pump rotary speed (rpm)		500	450	410	450
Suitable motor	Power (KW)	11	11	15	22
	Rotary speed(rpm)	1440	1460	1460	1470
	Model	Y132M-4	Y160M-4	Y160L-4	Y180L-4
Max. inlet pressure (Pa)		1.3X10 ⁴			
Max. Vapor Productivity (kg/hr.)		About 8.4			
Cooling water consumption (kg/h)		200	200	450	700
Lubricated oil	Model	1# vacuum pump oil			
	Capacity (kg)	40	35	55	80
Dimension	Inlet (mm)	100	100	160	160
	Outlet (mm)	80	100	100	100
Length x width x height (mm)		1010 X 680 X 1356	1305 X 825 X 1350	1300 X 925 X 1450	1300 X 1150 X 1465
Total weight (kg)		970	905	1255	1650

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