

For Harsh Process

Kashiyama
Vacuum Solutions

SDE-TX Series

SDE Series Focused on Harsh Process Durability

01
FEATURE
Vertical Screw;
Durable against Deposit.

02
FEATURE
Material & Temp. setting;
Durable against Corrosion.*1



Harsh Process Application Example

Metal-Etch

SA-CVD

Metal-CVD

PE-CVD

LP-CVD

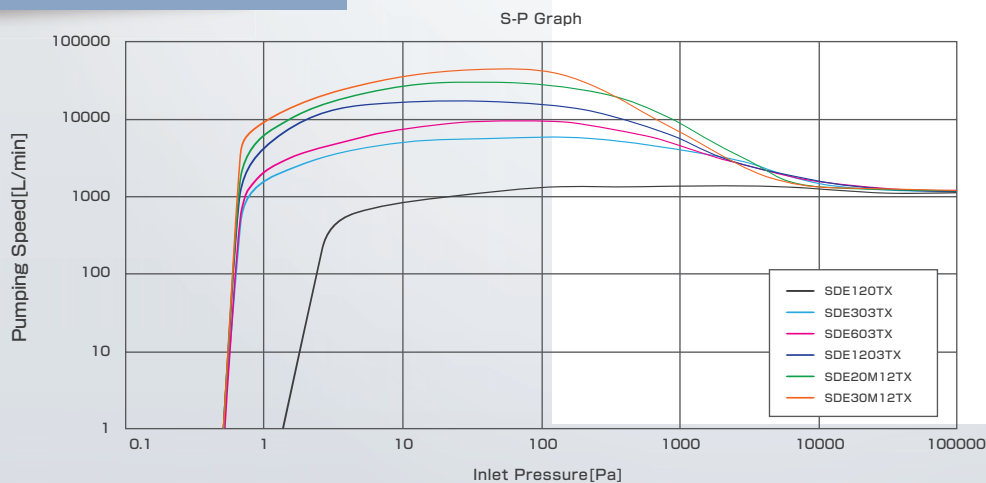
ALD

Major Products

Spec./ Products	SDE120TX	SDE303TX	SDE603TX	SDE1203TX	SDE20M12TX	SDE30M12TX
Max. pumping speed[L/min]*2	1,500	5,000	10,000	20,000	30,000	45,000
Ultimate pressure[Pa]*2	1.3	0.5				
Supply voltage(50/60Hz)	3Phase AC200 ~ 220V, 380 ~ 480V					
Dimensions[mm]W*H*L*3	370*501*690	400*905*760	400*905*760	400*905*900	460*960*900	500*960*1020

*1) Contact us about applicable gas. *2) Without N2 purge. *3) Package size. Dimensions vary by specification.
* Contact us about international standard compliance. Spec. & name of products are subject to change without prior notice.

S-P Curve



*S-P curves vary by combination.

SDE-X Series Energy Saver

Energy saving model;
Succeeding standard type's durability against harsh process

01
FEATURE

Power consumption; 1.3kW*₁
[54% reduction against conventional type]

02
FEATURE

Durable to wide range of process
by various settings.



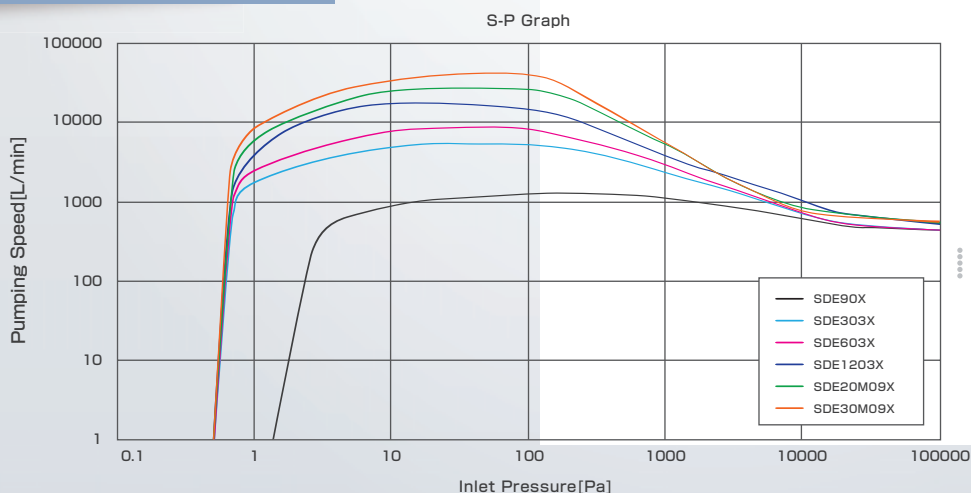
Major Products

Spec. / Products	SDE90X	SDE303X	SDE603X	SDE1203X	SDE20M09X	SDE30M09X
Max. pumping speed[L/min]* ₂	1,300	5,000	10,000	20,000	30,000	45,000
Ultimate pressure[Pa]* ₂	1.3	0.5				
Supply voltage(50/60Hz)	3Phase AC200 ~ 220V, 380 ~ 480V					
Power consumption[kW]* ₁	1.3	1.5	1.6	2.0	2.6	2.8
Dimensions[mm]W*H*L* ₃	370*557*690	400*905*760	400*905*760	400*905*900	460*960*900	500*960*1020

*1) Approx. value at ultimate pressure. *2) Without N₂ purge. *3) Package size. Dimensions vary by specification.

* Contact us about international standard compliance. Spec. & name of products are subject to change without prior notice.

S-P Curve



*S-P curves vary by combination.

SDE Series

Standard type for harsh process

01

FEATURE

Available up to
200kL/min.

02

FEATURE

Best for
large wafer and FPD.

03

FEATURE

Durable to
various processes.



Major Products

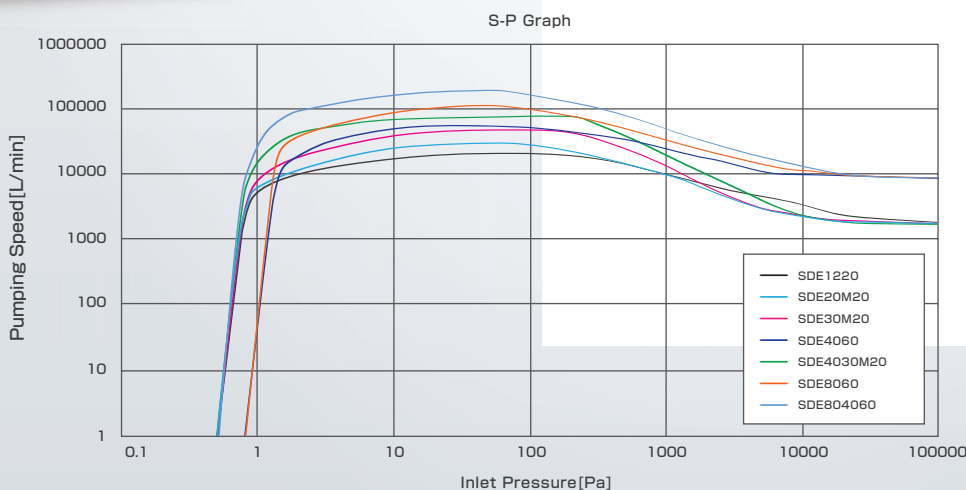
Spec. / Products*1	SDE1220	SDE20M20	SDE30M20	SDE4060	SDE4030M20	SDE8060	SDE804060
Max. pumping speed [L/min]*2	20,000	30,000	50,000	60,000	80,000	120,000	190,000
Ultimate pressure [Pa]*2	0.5			0.8	0.5	0.8	0.5
Supply voltage (50/60Hz)	3Phase AC200 ~ 220V, 380 ~ 480V						
Dimensions [mm] W*H*L*3	400*780*930	450*950*1000	450*950*1000	750*1200*1600	800*1580*1320	850*1220*1600	1000*1980*1850

*1) Smaller than 20,000L/min pumps are also available. *2) Without N2 purge.

*3) Package size. Dimensions vary by specification.

* Contact us about international standard compliance. Spec. & name of products are subject to change without prior notice.

S-P Curve



*S-P curves vary by combination.