

V MIXER

【PRINCIPLES】

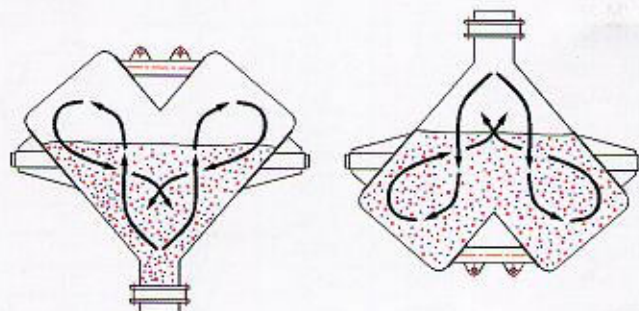
V-type Drum 내부의 혼합물은 Drum의 회전에 의해 $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, ... $1/n$ 등과 같이 연속적으로 세분화되어 Mixing이 이루어지며 사각이 없는 이상적인 전체 Mixing이 진행된다.

【FEATURES】

Rotation of the Twin-Vessel effects a constant axial shift of materials. This combines with the radial blending action as the two inclined cylinders intermix their flow.

The precise mixing accuracy of Vshape mixer continues to give satisfaction to all users.

- Rapid mixing of powders
- Trouble-free simple operation
- Noiseless operation
- Dust-tight construction
- Simple installation
- Easy Maintenance and cleaning



【SPECIFICATION & TECHNICAL DATA】

- Materials of vessel & Caps
 - a. Standard : Stainless Steel (In/Out-side : Buffed)
 - b. Option : Carbon Steel
 - Inside : FRP or Rubber Lining
 - Outside : Color Painted

(각 Corner는 Curve가공했기 때문에 분체의 부착이 적고 내부 청소가 용이하다.)
- Materials of Valve
 - a. Small Model (DGVM-10 ~ DGVM-30)
 - Standard : Slide Valve Stainless Steel with Rubber Seal
 - Option : Butterfly Valve, Iris Diaphragm Valve, etc.
 - b. Large Model (DGVM-60 ~ DGVM-2000)
 - Standard : Butterfly Valve, Aluminum Body, Stainless Steel Plate Valve, Rubber Gasket

(특히, 배출변은 조작의 편의를 위하여 butterfly valve를 사용하여 Open, Close 조작이 간편하고 배출량 조절도 가능하다.)

- Materials of Vessel Supports
 - a. Standard : Carbon Steel
 - Inside : Anticorrosive Painted
 - Outside : Anticorrosive Color Painted
 - b. Option : Stainless Steel
- Inlet Caps' Seal : Rubber O-Ring
(In-let Cover는 Handle에 의해 조작되며 Packing으로 Rubber O-ring을 사용)
- Bearing : Pillow Block Unit Bearings
- Drive System : Chain of Gear Drive
(Chain & Gear 구동으로 회전에 의한 소음, 진동이 거의 없다.)
- Control Box : All Power Switches, Magnetic Relays, Timer and Circuit boxes are enclosed in the support structure.
- Motor
 - a. Standard : Totally Enclosed Fan Cooled (TEFC) Motor
 - b. Option : Explosion-proof Motor

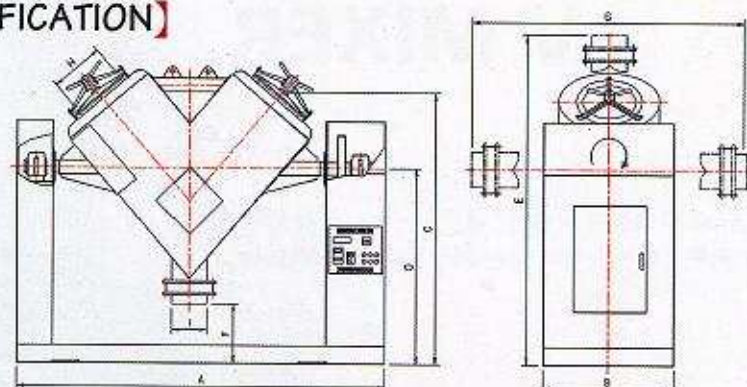
【APPLICATIONS】

Absorbents, Agrochemicals, Atomic Energy, Catalysts, Ceramics, Chemicals, Compound Feed, Condiments, Confectionery, Cosmetics, Detergents, Dyes, Electronic Components, Environmental Pollution Industries, Fertilizers, Food, Glue, Insulators, Intermediates, Metals, Mining, Paints, Paper, Pharmaceuticals, Pigments, Plastics, Powder Metallurgy, Starches, Steel Supplementaries

1. 화학약품: 합성수지분말, 도료, 염료분말의 혼합
2. 식품, 의약품: 제분 제당의 혼합, 유제품 혼합, 조미료의 혼합, 의약품 산제, 과립의 혼합
3. 금속광업: 분말야금의 원료혼합
4. 전기: 전자부품재료 혼합
5. 요업: 도료, 세라믹혼합, 유리, 내화재료혼합

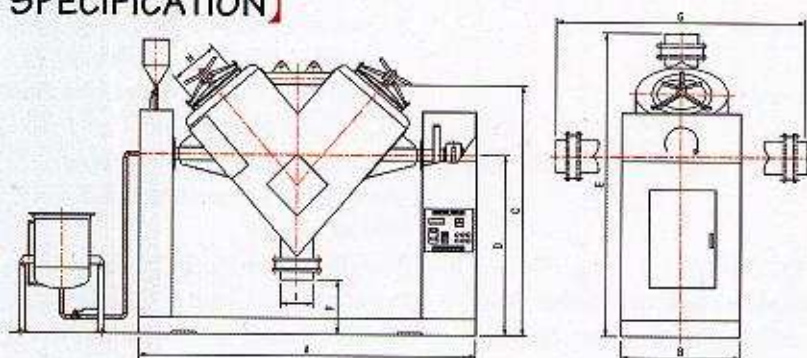
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[Y-MIXER SPECIFICATION]



Model	Working Cap'(l)	Vessel Cap'(l)	Motor (HP)	Vessel Speed (rpm)	Dimensions								
					A	B	C	D	E	F	G	H	I
DGVM-10	10	22	1 / 8	36	1200	450	820	680	910	450	530	140	50x120
DGVM-20	20	50	1 / 2	30	1500	500	925	730	1080	450	700	200	120x200
DGVM-30	30	70	1 / 2	30	1500	550	970	750	1130	450	760	200	100x190
DGVM-60	60	130	1	26	1800	600	1290	1050	1650	450	1200	280	200
DGVM-100	100	240	1	24	2000	700	1460	1170	1890	450	1450	300	200
DGVM-150	150	340	1	23	2500	800	1690	1360	2170	550	1620	350	200
DGVM-200	200	480	2	22	2550	850	1790	1410	2270	550	1720	370	200
DGVM-300	300	650	3	20	2700	900	1920	1500	2450	550	1920	370	200
DGVM-500	500	1250	5	15	3100	110	2230	1650	2800	500	2300	450	300
DGVM-800	800	2000	7.5	14	3800	1200	2490	1850	3200	500	2700	450	300
DGVM-1000	1000	2500	10	13	4200	1400	2800	2110	3510	650	2900	470	300
DGVM-1500	1500	3750	10	11	4700	1600	3100	2310	3970	650	3320	470	400
DGVM-2000	2000	5000	15	10	4950	1800	3350	2460	4270	650	3620	500	400

[VI&VIL-MIXER SPECIFICATION]



Model	Working cap'(l)	Vessel cap'(l)	Drum Motor(HP)	Drum Speed(rpm)	Shaft Motor(HP)	Shaft Speed(rpm)	Dimensions								
							A	B	C	D	E	F	G	H	I
DGVM-10	10	22	1 / 8	36	1 / 4	600	1250	450	820	680	910	450	530	140	50x120
DGVM-20	20	50	1 / 2	30	1 / 2	600	1550	500	925	730	1080	450	700	200	120x200
DGVM-30	30	70	1 / 2	30	1 / 2	600	1600	550	970	750	1130	450	760	200	100x190
DGVM-60	60	130	1	26	1	600	1900	600	1290	1050	1650	450	1200	280	200
DGVM-100	100	240	1	24	1	600	2000	700	1460	1170	1850	450	1450	300	200
DGVM-150	150	340	1	23	1	600	2600	800	1690	1360	2170	550	1620	350	200
DGVM-200	200	480	2	22	2	600	2600	850	1790	1410	2270	550	1720	370	200
DGVM-300	300	650	3	20	3	600	3000	900	1920	1500	2450	550	1920	370	200
DGVM-500	500	1250	5	15	5	500	3250	1100	2230	1650	2800	500	2300	450	300
DGVM-800	800	2000	7.5	14	7.5	500	4000	1200	2490	1850	3200	500	2700	450	300
DGVM-1000	1000	2500	10	13	10	500	4400	1400	2800	2110	3510	650	2900	470	300
DGVM-1500	1500	3750	10	11	10	500	5000	1600	3100	2310	3970	650	3320	470	400
DGVM-2000	2000	5000	15	10	15	500	5200	1800	3350	2460	4270	650	3620	500	400



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Powder Engineering & Chemical world

DAEGA POWDER SYSTEMS CO., LTD.

100-59 ONSU-DONG KURO-KU SEOUL, KOREA

Telephone: 82-2-2613-5257

Fax: 82-2-2616-5258

Http://www.daega.co.kr

E-Mail:daegaeng@daega.co.kr