

## SIGNAL S600 VT SERIES MIXERS

by Milton Roy

### TYPE VT

- Closed tanks from 3 to 100 m<sup>3</sup>
- Sealing system
- Pressure from -1 to 6 barg
- Temperature up to 150°C

#### Severe operating conditions

- Closed tanks
- Pressure from -1 to 6 barg
- Temperature up to 150°C

#### Sealing systems available

- Lip seal
- Simple or double mechanical seal, dry or lubricated.
- The mechanical seal are of standard type or according to standards EN 12756 and DIN 24960, 28137 and 28154

#### A simple and modern design

- Modern friction materials
- Optimized number of components
- Simple design
- Mechanical seal made up of standardized and interchangeable elements at a very competitive price
- All VT agitators are provided with a high output propeller

#### An easy maintenance

- Weight and number of elements extremely reduced
- At the time of this operation, the shaft provided with its mobile remains in position in the tank
- All the mobiles are adjustable in position

#### For your applications in:

- Chemicals
- Pharmaceutical products
- Cosmetic processes
- Food industry

#### VT Agitators

Types	Pressure Barg	Temp °C	Sealing
VTD	-1 to atmospheric pressure	80	Single mechanical seal with static quench
VTF	-1 to 0.5	80	Single mechanical seal, dry operation
VTE	0	120	Single mechanical seal with a PVC pot
VTL	-1 to 0	120	Double mechanical seal with an SS tank
VTG	-1 to 5	120	Double mechanical seal with an SS tank
VTH	-1 to 5	150	Double mechanical seal with a tank and a cooling coil



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### VT AGITATORS TECHNICAL CHARACTERISTICS

Type	Rated Power (kW)	Motor Speed (rpm)	Maximum Height (mm)	Impeller Diameter (mm)	Impeller flow (m <sup>3</sup> /h)	Axial load (DaN)	Torque (DaNm)	Minimum hole for impeller introduction (mm)
2061	0.55	111	2100	630	750	26	10	270
2062	0.75	125	1900	630	840	25	12	
2063	0.75	145	1700	630	980	24	10	
2081	0.75	84	2400	800	1165	31,2	17	270
2082	1.1	104	2050	800	1435	30	20	
2083	1.1	113	1900	800	1565	30	19	
2084	1.5	125	1750	800	1730	30	23	
3101	1.1	75	2850	1000	2030	42	28	360
3102	1.5	81	2700	1000	2220	43	35	
3103	2.2	96	2450	1000	2600	42	44	
3104	2.2	104	2300	1000	2735	52	40	
3121	1.5	55	3150	1250	2900	55	52	360
3122	2.2	67	2800	1250	3530	54	63	
3123	3	75	2550	1250	4000	53	77	
3124	3	82	2350	1250	4300	55	70	
4141	1.5	48	3900	1400	3600	82	60	360
4142	2.2	53	3700	1400	3930	81	79	
4143	3	58	3500	1400	4300	81	99	
4144	4	70	3050	1400	5164	79	110	
4161	2.2	40	4300	1600	4400	94	105	360
4162	3	48	3700	1600	5310	93	120	
4163	4	55	3250	1600	6030	100	140	
4164	5.5	60	3100	1600	6600	100	175	
5201	3	36	5300	2000	7820	162	160	450
5202	4	40	5000	2000	8620	159	190	
5203	5.5	44	4400	2000	9460	172	240	
5204	7.5	48	4300	2000	10300	173	300	
5251	4	29	5400	2500	12150	238	264	560
5252	7.5	33	4700	2500	14000	235	434	
5253	7.5	37	3700	2500	15660	269	390	



#### Signal Metering Pumps

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Please consult us for further information.

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