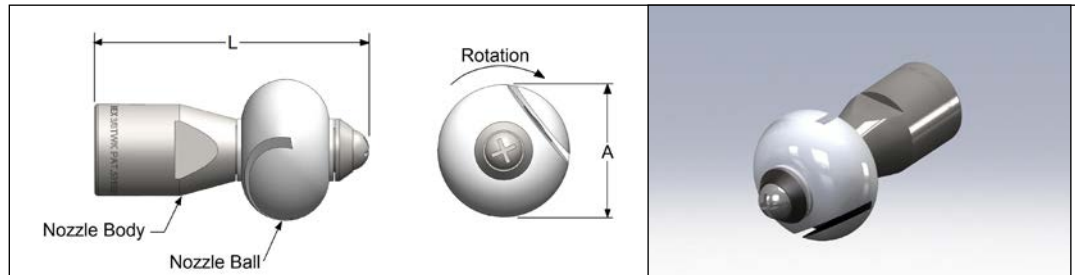




TWK SERIES ROTATING NOZZLES



PRODUCT DESCRIPTION:

The TWK series rotating nozzles provide true 360° spray coverage in a very compact assembly. The bearing mechanism is self-lubricating and self-cleaning. This nozzle can be installed in any orientation and is effective in vessels up to 3 meters (10 feet) in diameter. The maximum recommended operating pressure is 100 psi at 180°F.

CONSTRUCTION:

Standard nozzle body material is 316 stainless steel.

Nozzle balls are available in 316 stainless steel, PVDF (Kynar®), Teflon® and polypropylene. Other body and ball materials are available upon request.

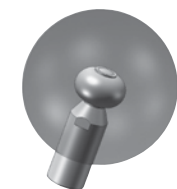
SPECIAL FEATURES:

- True 360° coverage
- Easy disassembly/assembly and cleaning
- FDA approved materials
- Keyed ball can not be installed backwards

TYPICAL APPLICATIONS:

- Keg Washing
- Carboy/Jug Washing
- Spray Tank Washing
- Small Tank Rinsing
- Machine Clean-In-Place (C.I.P.)
- Barrel Washing/Rinsing

U.S. Patent No. 5,316,218



Model	Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)									
		5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi
¼TWK36050	0.063	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9
⅜TWK36075	0.063	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9
½TWK360100	0.063	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8
¾TWK360180	0.063	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5



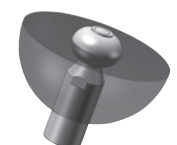
Model	Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)									
		5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi
¼TWK27050	0.063	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9
⅜TWK27075	0.063	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9
½TWK270100	0.063	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8
¾TWK270180	0.063	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5



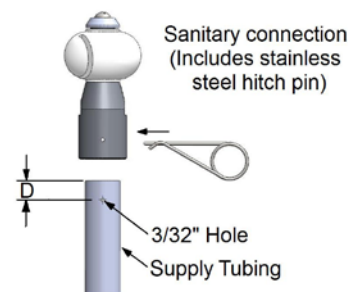
Model	Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)									
		5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi
¼TWK07250	0.063	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9
⅜TWK07275	0.063	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9
½TWK072100	0.063	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8
¾TWK072180	0.063	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5



Model	Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)									
		5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi
¼TWK18050	0.063	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9
⅜TWK18075	0.063	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9
½TWK180100	0.063	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8
¾TWK180180	0.063	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5



Model	Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)									
		5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi
¼TWK08150	0.063	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9
⅜TWK08175	0.063	2.65	3.14	3.8	4.6	5.3	6.5	7.5	9.2	10.6	11.9
½TWK081100	0.063	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8
¾TWK081180	0.063	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5



**Add prefix "S" (ie S 1/4 TWK36050) to model number for Sanitary Connection.

DIMENSIONS

Thread	DIM "L"	DIM "A"	DIM "D"
1/4	2.0"	1.00	3/8"
3/8	2.5	1.25	3/8
1/2	2.9	1.5	3/8
3/4	3.9	2.0	1/2