

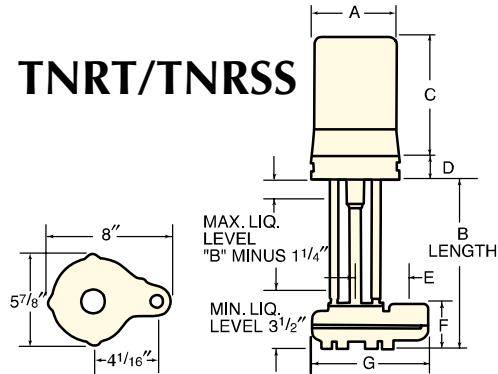


Agitator Series

Agitator pumps are designed for use with liquids containing solids which must be kept in suspension or require constant circulation to maintain uniform viscosity. A port in the pump volute bypasses a jet stream of fluid to "stir" tank contents. A port plug is furnished so that the bypass can be eliminated when tank agitation is not desired.



TNRT/TNRSS



MODEL	A*	C Max.	D	E	F	G
TNRT30	6 1/2"	8 1/2"	1 5/16"	5 1/2"	2 1/2"	9 5/8"
TNRT30H	6 1/2"	11 1/2"	1 5/16"	5 1/2"	2 1/2"	9 5/8"
TNRT40	6 1/2"	10"	1 5/16"	6"	3 1/2"	10 1/4"
TNRT40H	6 1/2"	13"	1 5/16"	6"	3 1/2"	10 1/4"
TNRSS30	6 1/2"	8 1/2"	1 5/16"	4 1/16"	2 9/16"	8"
TNRSS30H	6 1/2"	11 1/2"	1 5/16"	4 1/16"	2 9/16"	8"

*Shroud on fan-cooled motors (H models) increases this dimension approx. 3/4".

AGITATOR SERIES SPECIFICATIONS

Available in both closed column (HRTG model) and easy-to-clean Tri-Rod design (TNR Models). In order to extend motor life, rod style pumps are equipped with a vapor diffuser which prevents vapors from diluting the motor bearing grease. These pumps are also available as part of a pump and round tank system, two gallon (HRTG only), 10, 20, or 30 gallon capacities. See page 4 for ordering information.

HRTG: 1/8 HP, 1725 RPM, 1/2" NPT horizontal discharge. Maximum viscosity: 500 SSU. For technical data, see HR 45, page 10.

TNRT30: 1/4 or 1/2 HP, 1725 RPM, 3/4" NPT vertical discharge. Maximum viscosity: 500 SSU.

TNRT30H: 1/2, 3/4, 1, 1-1/2 HP, 3450 RPM, 1" NPT vertical discharge. Maximum viscosity: 500 SSU.

TNRT40: 1/2 HP, 1725 RPM, 1" NPT vertical discharge. Maximum viscosity: 500 SSU.

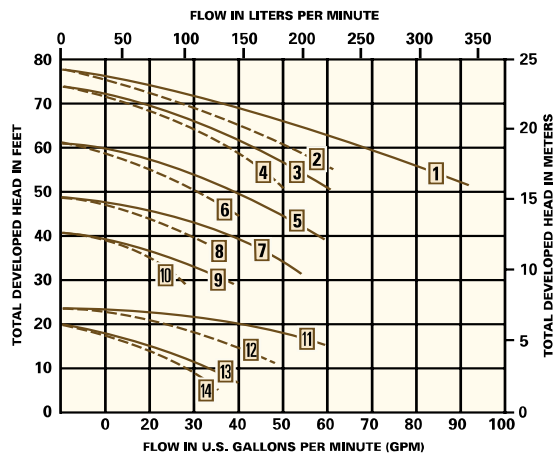
TNRT40H: 2 HP, 3450 RPM, 1 1/4" NPT vertical discharge. Maximum viscosity: 500 SSU.

MATERIALS

HRTG: Pump Body: Teflon-coated cast iron **Shaft:** Carbon steel or optional stainless steel **Impeller:** Glass-filled Celcon

TNRT SERIES: Volute: Teflon-coated cast iron. **Shaft and Rods:** 416 Series stainless steel **Impeller:** Glass-filled Celcon

TNRSS SERIES: Shaft, Rods and Volute: 316 Series stainless steel **Impeller:** Chemically inert Ryton



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|-----------------------------|-------------------------------|
| 1. TNRT40H 2 HP water | 8. TNRT30H/TNRSS30H |
| 2. TNRT40H 2 HP 300 SSU oil | 1/2 HP water |
| 3. TNRT30H/TNRSS30H | 9. TNRT30H/TNRSS30H |
| 1-1/2 HP water | 1/2 HP 300 SSU oil |
| 4. TNRT30H/TNRSS30H | 10. TNRT40 1/2 HP water |
| 1-1/2 HP 300 SSU oil | 11. TNRT40 1/2 HP 300 SSU oil |
| 5. TNRT30H/TNRSS30H | 12. TNRT30/TNRSS30 |
| 1 HP water | 1/4 & 1/2 HP water |
| 6. TNRT30H/TNRSS30H | 13. TNRT30/TNRSS30 |
| 1 HP 300 SSU oil | 1/4 & 1/2 HP 300 SSU oil |
| 7. TNRT30H/TNRSS30H | 14. HRTG45 |
| 3/4 HP 300 SSU oil | 1/8 HP 100 SSU oil |

*TNRT436 Note: Due to its length, this pump has a lower bearing and cannot be used to pump liquids containing abrasives.

AGITATOR ORDER INFORMATION

B LENGTH	MODEL	HP	VOLTAGE SUFFIX
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NICKEL PLATED MODELS

8"	HRTG45	1/8	E, F
12 3/4"	TNRT36	1/4, 1/2	E, F
13 7/8"	TNRT37	1/4, 1/2	E, F, GAMC
16"	TNRT38	1/4, 1/2	E, F, GAMC
36"	TNRT336	1/4, 1/2	E, F, GAMC
12 3/4"	TNRT36H	1/2, 3/4, 1, 1 1/2	E, F
13"	TNRT46	1/2	E, F, GAMC
13"	TNRT46H	2	E, F
14 5/8"	TNRT47	2	E, F
16 3/4"	TNRT48	1/2	E, F, GAMC
36"	TNRT436*	1/2	E, F, GAMC

STAINLESS STEEL MODELS

7 5/8"	TNRSS31	1/4, 1/2	E, F, GAMC
10 1/8"	TNRSS33	1/4, 1/2	E, F, GAMC
12 3/4"	TNRSS36	1/4, 1/2	E, F, GAMC
13 7/8"	TNRSS37	1/4, 1/2	E, F, GAMC
16"	TNRSS38	1/4, 1/2	E, F, GAMC
10 1/8"	TNRSS33H	1/2, 3/4, 1, 1 1/2	E, F
12 3/4"	TNRSS36H	1/2, 3/4, 1, 1 1/2	E, F