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V-Groove Wheels

VF and VI Wheels



RWM Casters V-Groove industrial track wheels are high strength cast iron (VI) castings or forged steel (VF) forgings machined with a 90° groove for operation on an inverted angle iron track. Care must be made to assure the inverted angle iron track is parallel to ensure smooth and constant tracking. In some cases, it may be advisable to run inverted angle iron on one side with V-Groove wheels and flat bar stock steel on the other side with a flat faced cast iron or forged steel wheel.



VFT-1040-20

Features

Wheel Bearing: Choice of straight roller bearing or tapered bearing

Temperature Range: -50° to +800°F

Hub Length: Can be cut or lengthened with spacers

Lubrication Fittings: Standard on 2-1/2" and wider wheels

Bores: Various sizes available on some wheels

Keyways: Can be installed on most sizes

Applications

V-Groove Wheels are used to control the flow of a load, i.e., into an oven, between machines, over long distances or where "production line" sequence is required.

options

WS Wheel Seals

ZF Zerk Fittings on 2" wide and smaller wheels

Specifications

Wheel Diameter	Wheel Width	lbs. Capacity	Axle Diameter	Straight Roller Bearing	Tapered Roller Bearing	Hub Length	Approx Weight
4"	1-1/2"	700	1/2"	VIR-0415-08		7/8"	3.4
4"	1-1/2"	700	5/8"	VIR-0415-10		7/8"	3.4
4"	1-1/2"	700	3/4"	VIR-0415-12		7/8"	3.4
4"	2"	800	1/2"	VIR-0420-08		7/8"	4.5
4"	2"	800	5/8"	VIR-0420-10		7/8"	4.5
4"	2"	800	3/4"	VIR-0420-12		7/8"	4.5
5"	2"	800	1/2"	VIR-0520-08		7/8"	6.3
5"	2"	800	5/8"	VIR-0520-10		7/8"	6.3
5"	2"	800	3/4"	VIR-0520-12		7/8"	6.3
6"	2"	1000	1/2"	VIR-0620-08	VIT-0620-08	7/8"	7.2
6"	2"	1000	5/8"	VIR-0620-10		7/8"	7.2

6"	2"	1000	3/4"	VIR-0620-12	VIT-0620-12	7/8"	7/16"	2-7/16"	7.2
6"	2-1/2"	1500	3/4"	VIR-0625-12-YY	VIT-0625-12-YY	7/8"	7/16"	3"	11.2
6"	2-1/2"	1500	1"	VIR-0625-16-SI-YY		7/8"	7/16"	3"	11.2
6"	2-1/2"	1500	1"	VIR-0625-16-YY	VIT-0625-16-YY	7/8"	7/16"	3"	11.2
6"	2-1/2"	1500	1-1/4"	VIR-0625-20-YY		7/8"	7/16"	3"	11.2
6"	2-1/2"	2500	3/4"	VIR-0625-12	VIT-0625-12	7/8"	7/16"	3-1/2"	11.2
6"	2-1/2"	2500	1"	VIR-0625-16-SI		7/8"	7/16"	3-1/2"	11.2
6"	2-1/2"	2500	1"	VIR-0625-16	VIT-0625-16	7/8"	7/16"	3-1/2"	11.2
6"	2-1/2"	2500	1-1/4"	VIR-0625-20		7/8"	7/16"	3-1/2"	11.2
6"	3"	3500	3/4"	VIR-0630-12	VIT-0630-12	7/8"	7/16"	3-1/2"	20
6"	3"	3500	1"	VIR-0630-16	VIT-0630-16	7/8"	7/16"	3-1/2"	20
6"	3"	3500	1"	VIR-0630-16-SI		7/8"	7/16"	3-1/2"	20
6"	3"	3500	1-1/4"	VIR-0630-20		7/8"	7/16"	3-1/2"	20
6"	3"	7000	3/4"	VFR-0630-12	VFT-0630-12	1-3/8"	11/16"	3-1/2"	30
6"	3"	7000	1"		VFT-0630-16	1-3/8"	11/16"	3-1/2"	30
6"	3"	7000	1"	VFR-0630-16-SI		1-3/8"	11/16"	3-1/2"	30
6"	3"	7000	1-1/4"	VFR-0630-20	VFT-0630-20	1-3/8"	11/16"	3-1/2"	30
6"	3"	7000	1-1/2"	VFR-0630-24	VFT-0630-24	1-3/8"	11/16"	3-1/2"	30
6"	3"	10,000	1-1/4"		VFT-0630-20-HD	1-3/8"	11/16"	3-1/2"	30
8"	2"	1050	1/2"	VIR-0820-08	VIT-0820-08	7/8"	7/16"	2-7/16"	13.2
8"	2"	1050	5/8"	VIR-0820-10		7/8"	7/16"	2-7/16"	13.2
8"	2"	1050	3/4"	VIR-0820-12	VIT-0820-12	7/8"	7/16"	2-7/16"	13.2
8"	2-1/2"	3000	3/4"	VIR-0825-12	VIT-0825-12	7/8"	7/16"	3-1/2"	15.8
8"	2-1/2"	3000	1"	VIR-0825-16-SI		7/8"	7/16"	3-1/2"	15.8
8"	2-1/2"	3000	1"	VIR-0825-16	VIT-0825-16	7/8"	7/16"	3-1/2"	15.8
8"	2-1/2"	3000	1-1/4"	VIR-0825-20		7/8"	7/16"	3-1/2"	15.8
8"	3"	5000	3/4"	VIR-0830-12	VIT-0830-12	7/8"	7/16"	3-1/2"	23.5
8"	3"	5000	1"	VIR-0830-16-SI		7/8"	7/16"	3-1/2"	23.5
8"	3"	5000	1"	VIR-0830-16	VIT-0830-16	7/8"	7/16"	3-1/2"	23.5
8"	3"	5000	1-1/4"	VIR-0830-20		7/8"	7/16"	3-1/2"	23.5
8"	3"	6000	3/4"	VFR-0830-12	VFT-0830-12	7/8"	7/16"	3-1/2"	30
8"	3"	6000	1"	VFR-0830-16-SI	VFT-0830-16	7/8"	7/16"	3-1/2"	30
8"	3"	6000	1-1/4"	VFR-0830-20	VFT-0830-20	7/8"	7/16"	3-1/2"	30
8"	3"	6000	1-1/4"	VFR-0830-20-SI		7/8"	7/16"	3-1/2"	30
8"	3"	6000	1-1/2"	VFR-0830-24		7/8"	7/16"	3-1/2"	30
8"	4"	10,000	1-1/4"	VFR-0840-20-SI		1-3/4"	7/8"	4-1/2"	30
8"	4"	10,000	1-1/2"	VFR-0840-24-SI		1-3/4"	7/8"	4-1/2"	30
8"	4"	10,000	2"	VFR-0840-32		1-3/4"	7/8"	4-1/2"	30
8"	4"	15,000	1-1/4"		VFT-0840-20	1-3/4"	7/8"	4-1/2"	30
8"	4"	15,000	1-1/2"		VFT-0840-24	1-3/4"	7/8"	4-1/2"	30
10"	3"	5000	3/4"	VIR-1030-12	VIT-1030-12	7/8"	7/16"	3-1/2"	21
10"	3"	5000	1"	VIR-1030-16-SI		7/8"	7/16"	3-1/2"	21
10"	3"	5000	1"	VIR-1030-16	VIT-1030-16	7/8"	7/16"	3-1/2"	21
10"	3"	5000	1-1/4"	VIR-1030-20	VIT-1030-20	7/8"	7/16"	3-1/2"	21
10"	3"	6000	3/4"	VFR-1030-12	VFT-1030-12	1-3/8"	11/16"	3-1/2"	31
10"	3"	6000	1"	VFR-1030-16	VFT-1030-16	1-3/8"	11/16"	3-1/2"	31
10"	3"	6000	1"	VFR-1030-16-SI		1-3/8"	11/16"	3-1/2"	31
10"	3"	6000	1-1/4"	VFR-1030-20	VFT-1030-20	1-3/8"	11/16"	3-1/2"	31
10"	4"	10,000	1-1/4"	VFR-1040-20-SI		1-3/4"	7/8"	4-1/2"	38
10"	4"	10,000	1-1/2"	VFR-1040-24-SI		1-3/4"	7/8"	4-1/2"	38
10"	4"	10,000	2"	VFR-1040-32		1-3/4"	7/8"	4-1/2"	38
10"	4"	15,000	1-1/4"		VFT-1040-20	1-3/4"	7/8"	4-1/2"	38
10"	4"	15,000	1-1/2"		VFT-1040-24	1-3/4"	7/8"	4-1/2"	38
12"	3"	6000	3/4"	VIR-1230-12	VIT-1230-12	7/8"	7/16"	3-1/2"	39
12"	3"	6000	1"	VIR-1230-16	VIT-1230-16	7/8"	7/16"	3-1/2"	39
12"	3"	6000	1"	VIR-1230-16-SI		7/8"	7/16"	3-1/2"	39
12"	3"	6000	1-1/4"	VIR-1230-20	VIT-1230-20	7/8"	7/16"	3-1/2"	39