



Air Handling Mounted Units *for use in* HVAC Applications



“Everywhere you turn”... HVAC applications *rely on*

PEER HVAC

- 100% noise tested on state-of-the-art Anderson Meter equipment to EMQ (electric motor quality) standards.
- Bearings and housings are individually matched to achieve an air handling fit, a unique set of tolerances to ensure easy alignment and prevent bearing pre-load when mounting on light steel and aluminum frames.
- Solid foot housing design is standard on all pillow blocks, 2-bolts and heavy duty 4-bolt flanges to offer greater mounting stability.
- Each bearing is manufactured with SAE52100 bearing steel with grade 10 or better balls. Our 62 degree set screw angle is proven to provide greater locking power between the bearing and shaft.
- Final assembly of each air handling unit is done at PEER's Waukegan, IL plant and each unit is certified and labeled for air handling use.



PEER air handling bearings.

GRIP-IT® the bearing of choice for HVAC applications.

It means longer lasting, quieter bearing units.

Patent # 6,840,679

Forget the old-fashioned mechanism that pushes the shaft against one side of the bearing ring. (Figure A). PEER's GRIP-IT mounted units are designed to produce 360 degrees of equalized locking contact. (Figure B). The shaft is centered concentrically in the bore of the bearing and always runs true. Shaft offset is eliminated and premature locking failure is minimized. Since locking design is a major factor in mounted bearing performance, GRIP-IT stands out as a major advantage.

Available in most standard, medium and light duty housings.

- Shaft offset eliminated
- Vibration and noise significantly reduced
- Rotational balance remains constant
- GRIP-ITs are easily removed or repositioned. Since they do not mar or score the shaft, they are easier and less expensive to service.



Figure A
Offset using
set screws

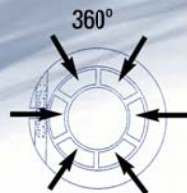
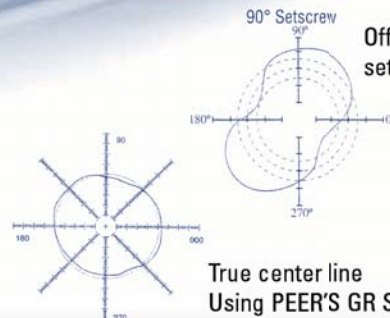


Figure B
True center line

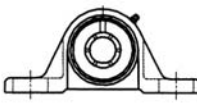
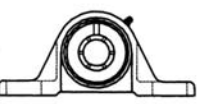
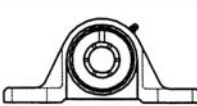

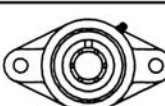
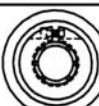
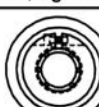


Offset using conventional
set screw locking.

True center line
Using PEER'S GR Series Bearing.

Interchange for PEER's Air Handling (HVAC) Units

*Available in a full range of popular bore sizes.**

Bearing Style		PEER	Browning	Dodge	SealMaster	SKF
Pillow Block	Grip-It	GRP205-16-AH	VPB-216AH	P2B-DLAH-100	NP-16T-AH	
	Eccentric Collar	HCP205-16-AH				
	Set Screw	UCP205-16-AH	VPS-216AH	P2B-SCAH-100	NP-16-AH	SY 1 TM-85
Pillow Block (Low Profile)	Grip-It	GRLP205-16-AH	VPLB-216AH	P2B-DLBAH-100	NPL-16T-AH	
	Eccentric Collar	HCLP205-16-AH	VPLE-216AH			SYH 1 VM-85
	Set Screw	UCLP205-16-AH	VPLS-216AH	P2B-SCBAH-100	NPL-16-AH	
Pillow Block Medium Duty	Grip-It	GRPX05-16-AH	VPB-316AH	P2B-DLMAH-100	MP-16T-AH	
	Eccentric Collar	HCPX05-16-AH				
	Set Screw	UCPX05-16-AH	VPS-316AH	P2B-SCMAH-100	MP-16-AH	SYM 1 TM-85
4 Bolt Flange	Grip-It	GRF205-16-AH		F4B-DLAH-100	SF-16T-AH	
	Eccentric Collar	HCFS205-16-AH				FY 1 VM-85
	Set Screw	UCF205-16-AH	VF4S-216AH	F4B-SCAH-100	SF-16-AH	FY 1 TM-85
2 Bolt Flange	Grip-It	GRFT205-16-AH		F2B-DLAH-100	SFT-16T-AH	
	Eccentric Collar	HCFTS205-16-AH				FYT 1 VM-85
	Set Screw	UCFT205-16-AH	VF2S-216AH	F3B-SCAH-100	SFT-16-AH	FYT 1 TM-85
Rubber Cartridge RSCM	Grip-It	RCSM-16GRR	RUBRB-116SK			
	Eccentric Collar	RCSM-16L	RUBRE-116			R 1 FM
	Set Screw	RCSM-16S	RUBRS-116		SRC-16	
Rubber Cartridge LRCSM (Light Duty)	Grip-It					
	Eccentric Collar	LRCSM-19L				
	Set Screw	LRCSM-19S				

*Interchange chart for reference only. Available in full range of popular bore sizes.

*Chart based on 1" bore size.

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