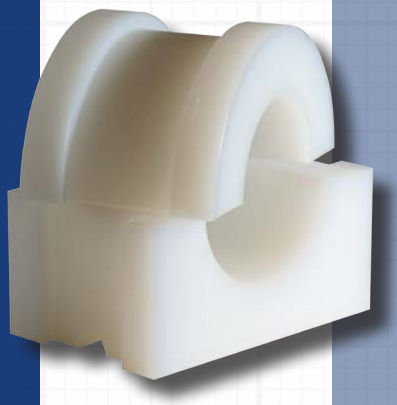
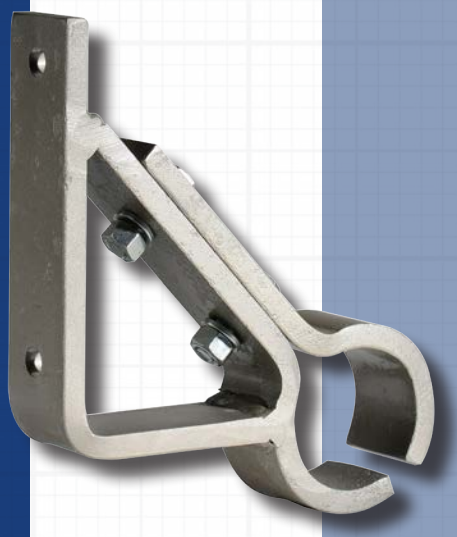
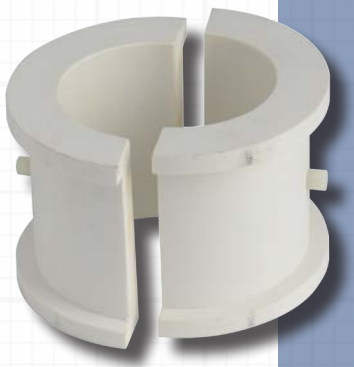






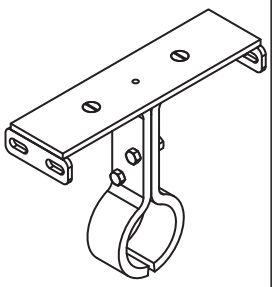
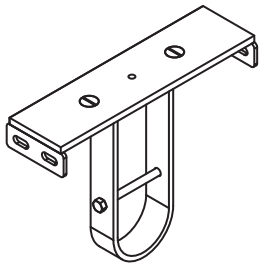
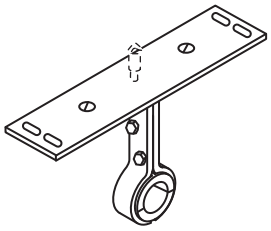
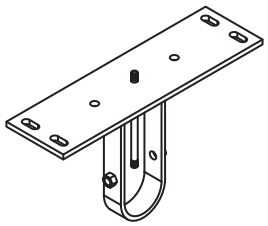
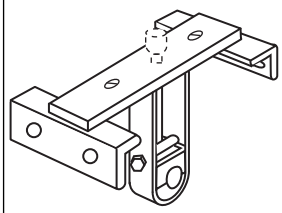
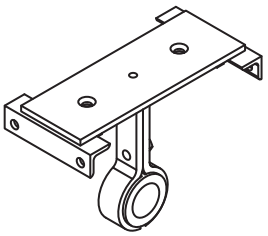
Martin
HANGER FRAMES & BEARINGS

Screw Conveyor Hanger Bearing Selection Application

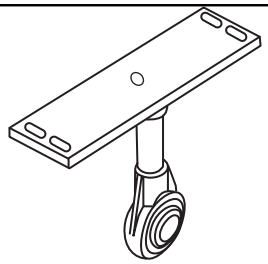
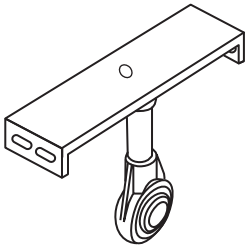
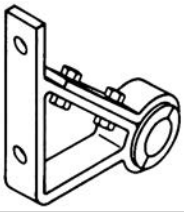
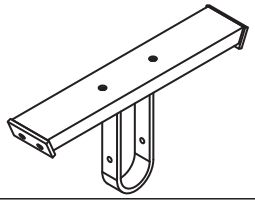
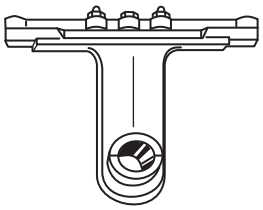
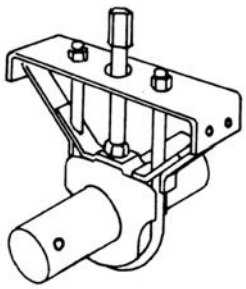
BEARING MATERIAL	MAXIMUM OPERATING TEMP. (°F)	STYLES AVAILABLE	MATERIAL FDA COMPLIANT	SELF LUBE	SOME SUGGESTED USES	COMMENTS
Martin White Iron	500°	220	Yes		Chemical, Cement, Aggregate	Requires hardened shaft. Can be noisy. Lubrication required in some applications.
Ertalyte®	200°	220, 216	Yes		Food	Registered Trademark of Quadrant Engineering Products
Gatke	400°	220, 216			Chemical	Fiberglass fabric. Good for higher speeds.
Martin HARD IRON	500°	220		Yes	Chemical, Cement, Aggregate	Requires Hardened Shaft
CAST HARD IRON	500°	220, 216, 19B			Lime, Cement, Salt, Gypsum	Requires hardened shaft. Can be noisy. Lubrication required in some applications.
WOOD	160°	220, 216, 19B		Yes	Grain, Feed, Fertilizer	Good general purpose.
Martin BRONZE	850°	220		Yes	Grain, Feed, Processing	High quality bearings. High load capacity.
NYLATRON GS	250°	220, 19B		Yes	Chemical, Handling, Grain, Feed	Very low load capacity.
UHMW	225°	220, 216	Yes	Yes	Food	Material USDA approved. Does not swell in water.
STELLITE	1000°	220, 216			Chemical, Cement, Aggregate	Requires Stellite insert in shaft.
INDUSTRIAL GRADE ENGINEERED NYLON	160°	220		Yes	Grain, Feed, Fertilizer	Economical replacement for wood.
WHITE MELAMINE	190°	220	Yes		Food	Suitable for repeat use in food contact applications at temps not exceeding 190°F.
FOOD GRADE ENGINEERED NYLON	300°	220	Yes	Yes	Food, Grain, Fertilizer	For dry application.
BALL BEARING	180°	60, 70			Non-abrasive applications	General purpose use.
Martin HDPE	200°	220	Yes	Yes	Grain, Feed, Chemical Handling	Recommended for non-abrasive applications
CERAMIC [1]	1,000°	220, 216	Yes		Chemical, Cement, Food	Requires hardened shafts.
Martin URETHANE	200°	220		YES	Grain, Chemical, Fertilizer	Good general purpose.

[1] Higher temperature ceramics are available.

Hangers

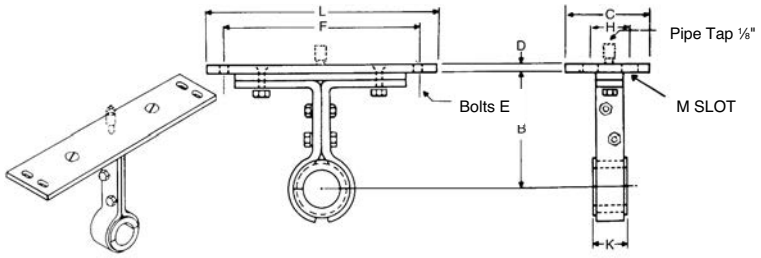
Style 226		No. 226 hangers are designed for flush mounting inside the trough permitting dust-tight or weather-proof operation. This type hanger allows for minimum obstruction of material flow in high capacity conveyors. Available with friction type bearing.
Style 216		No. 216 hangers are designed for heavy duty applications. This hanger is flush mounted inside the trough permitting dust tight or weather proof operation. Hard iron or bronze bearings are normally furnished; however, the hanger can be furnished with other bearings.
Style 220		No. 220 hangers are designed for mount on top of the trough flanges and may be used where dust-tight or weather proof operation is not required. This type hanger allows for minimum obstruction of material flow in high capacity conveyors. Available with friction type bearing.
Style 230		No. 230 hangers are designed for heavy duty applications where mounting on top of the trough flanges is required. Hard iron or bronze bearings are normally furnished; however, other bearings are available.
Style 316		No. 316 hangers are designed for heavy duty use in conveyors where abnormal heat requires unequal expansion between the screw and conveyor trough. Hard iron or bronze bearings are normally furnished; however, this hanger can be furnished with other bearings.
Style 326		No. 326 hangers are designed to permit minimum obstruction of material flow and are used in conveyors where abnormal heat requires unequal expansion between the screw and the conveyor trough. Hard iron or bronze bearings are normally furnished, but other type bearings are available.

Hangers

Style 60		No. 60 hangers are furnished with a heavy duty, permanently lubricated and sealed, self aligning ball bearing which permits temperatures up to 245° F. and will allow for up to 4° shaft misalignment. This hanger is mounted on top of the trough flanges. Grease fitting can be furnished if specified.
Style 70		No. 70 hangers are furnished with a heavy duty, permanently lubricated and sealed, self aligning ball bearing which permit temperatures up to 245° F. and will allow for up to 4° shaft misalignment. This hanger is mounted inside the trough. Grease fittings can be furnished if specified.
Style 30		No. 30 hangers are designed for side mounting within the conveyor trough on the noncarrying side and permit a minimum of obstruction of material flow. Available with friction type bearing.
Style 216F		No. 216F hangers are designed for heavy duty applications and are mounted inside of flared trough. Hard iron or bronze bearings are normally furnished; however, other bearings are available.
Style 19B		The No. 19B hanger is similar in construction to the No. 18B except they are mounted on top of the trough angles. Built-in ledges provide supports for the ends of the cover. They are streamline in design and permit free passage of the material. They are regularly furnished with Arguto oil impregnated wood, hard iron, bronze, or other special caps can be furnished.
Air Purged Hanger		Air purged hangers are recommended when handling dusty and abrasive materials which contribute to shutdowns and hanger bearing failures. Air-swept hangers are available for 9"-24" conveyors. They should not be used when handling hot materials (over 250° F) or wet sticky materials or when handling non abrasive materials when an inexpensive hanger will do the job satisfactorily. In service, air-purged hangers deliver relatively trouble-free operation. They help solve noise nuisance problems, and they help reduce power requirement because of the low coefficient of fraction. Maximum trough loading should not exceed 15%. The air, at approximately 1-1/4 PSI enters the housing at the top, passes over and around the bearing, and is dissipated around the coupling shaft on both sides of the housing. Thus the bearing is protected from dust and the material in the trough at all times. Only 3 to 7 cu. ft. of air per minute is required to keep each hanger bearing clean.

Style 220

No. 220 hangers are designed for mounting on top of the trough flanges and may be used where dust-tight or weather proof operation is not required. This type hanger allows for minimum obstruction of material flow in high capacity conveyors. Available with friction type bearing.

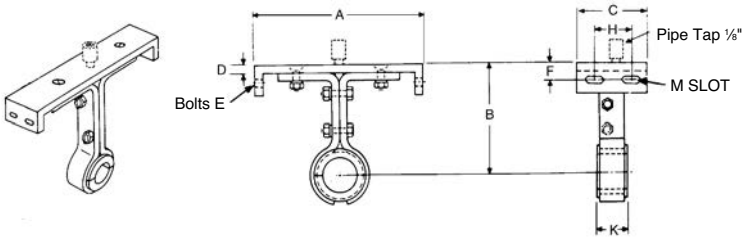


Conveyor Diameter	Coupling Size	Part Number*	B	C	D	E	F	H	K	L	M Slot	Weight Each
4	1	4CH2202	3⅝	3½	3/16	¼	6½	2	1½	7¼	5/16 × ¾	5
6	1½	6CH2203	4½	4½	3/16	⅜	8¾	2½	2	9¾	7/16 × 1 1/16	7
9	1½	9CH2203	6⅛	4½	¼	⅜	12¼	2½	2	13½	7/16 × 1 1/16	9
	2	9CH2204	6⅛	4½	¼	⅜	12¼	2½	2	13½		11
10	1½	10CH2203	6⅜	4½	¼	⅜	13¼	2½	2	14½	7/16 × 1 1/16	10
	2	10CH2204	6⅜	4½	¼	⅜	13¼	2½	2	14½		12
12	2	12CH2204	7¾	5	⅜	½	15¾	2½	2	17½	9/16 × 1 5/16	16
	2 7/16	12CH2205	7¾	5	⅜	½	15¾	2½	3	17½		21
	3	12CH2206	7¾	5	⅜	½	15¾	2½	3	17½		28
14	2 7/16	14CH2205	9¼	5	½	½	17¾	2½	3	19½	9/16 × 1 5/16	26
	3	14CH2206	9¼	5	½	½	17¾	2½	3	19½		33
16	3	16CH2206	10⅝	5	½	½	19¾	2½	3	21½	9/16 × 1 5/16	39
18	3	18CH2206	12⅛	6	½	⅝	22¼	3½	3	24½	11/16 × 1 11/16	41
	3 7/16	18CH2207	12⅛	6	½	⅝	22¼	3½	4	24½		49
20	3	20CH2206	13½	6	½	⅝	24¼	3½	3	26½	11/16 × 1 11/16	43
	3 7/16	20CH2207	13½	6	½	⅝	24¼	3½	4	26½		51
24	3 7/16	24CH2207	16½	6	⅝	⅝	28¼	3½	4	30½	11/16 × 1 11/16	57

*Refer to Page H-99 for bearings
NOTE: For hangers with oil pipe add –0 to part number

Style 226

No. 226 hangers are designed for flush mounting inside the trough permitting dust-tight or weather-proof operation. This type hanger allows for minimum obstruction of material flow in high capacity conveyors. Also available with friction type bearing.

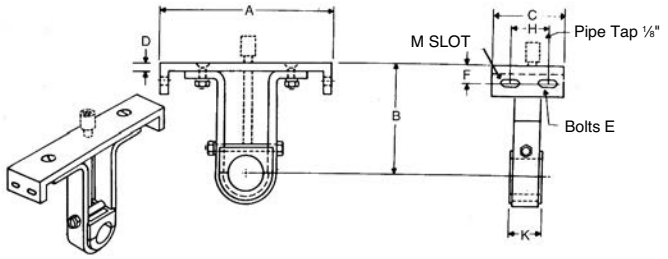


Conveyor Diameter	Coupling Size	Part Number*	A	B	C	D	E	F	H	K	M Slot	Weight Each
4	1	4CH2262	5	3⅝	3½	3/16	¼	⅝	2	1½	5/16 × 5/16	5
6	1½	6CH2263	7	4½	4½	3/16	⅜	¾	2½	2	7/16 × 1 1/16	7
9	1½	9CH2263	10	6⅛	4½	¼	⅜	1	2½	2	7/16 × 1 1/16	9
	2	9CH2264	10	6⅛	4½	¼	⅜	1	2½	2		11
10	1½	10CH2263	11	6⅜	4½	¼	⅜	1	2½	2	7/16 × 1 1/16	10
	2	10CH2264	11	6⅜	4½	¼	⅜	1	2½	2		12
12	2	12CH2264	13	7¾	5	⅜	½	1¼	2½	2	9/16 × 1 5/16	16
	2 7/16	12CH2265	13	7¾	5	⅜	½	1¼	2½	3		21
	3	12CH2266	13	7¾	5	⅜	½	1¼	2½	3		28
14	2 7/16	14CH2265	15	9¼	5	½	½	1⅜	2½	3	9/16 × 1 5/16	26
	3	14CH2266	15	9¼	5	½	½	1⅜	2½	3		33
16	3	16CH2266	17	10⅝	5	½	½	1⅜	2½	3	9/16 × 1 5/16	39
18	3	18CH2266	19	12⅛	6	½	⅝	1½	3½	3	11/16 × 1 11/16	41
	3 7/16	18CH2267	19	12⅛	6	½	⅝	1⅝	3½	4		49
20	3	20CH2266	21	13½	6	½	⅝	1⅝	3½	3	11/16 × 1 11/16	43
	3 7/16	20CH2267	21	13½	6	½	⅝	1⅝	3½	4		51
24	3 7/16	24CH2267	25	16½	6	⅝	⅝	1¾	3½	4	11/16 × 1 11/16	57

*Refer to Page H-99 for bearings *For hangers with oil pipe add –0 to part number

Style 216

No. 216 hangers are designed for heavy duty applications. This hanger is flush mounted inside the trough permitting dust tight or weather proof operation. Hard iron or bronze bearings are normally furnished; however, the hanger can be furnished with other bearings.



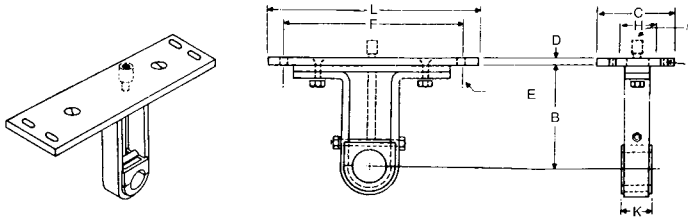
Conveyor Diameter	Coupling Size	Part Number*	A	B	C	D	E	F	H	K	M Slot	Weight Each
6	1½	6CH2163	7	4½	4½	3/16	3/8	3/4	2½	2	7/16 × 1 1/16	5
9	1½	9CH2163	10	6⅛	4½	¼	3/8	1	2½	2	7/16 × 1 1/16	7
	2	9CH2164	10	6⅛	4½	¼	3/8	1	2½	2		9
10	1½	10CH2163	11	6⅜	4½	¼	3/8	1	2½	2	7/16 × 1 1/16	8
	2	10CH2164	11	6⅜	4½	¼	3/8	1	2½	2		10
12	2	12CH2164	13	7¾	5	3/8	½	1¼	2½	2	9/16 × 1 5/16	14
	2 7/16	12CH2165	13	7¾	5	3/8	½	1¼	2½	3		18
	3	12CH2166	13	7¾	5	3/8	½	1¼	2½	3		21
14	2 7/16	14CH2165	15	9¼	5	½	½	1⅜	2½	3	9/16 × 1 5/16	23
	3	14CH2166	15	9¼	5	½	½	1⅜	2½	3		25
16	3	16CH2166	17	10⅝	5	½	½	1⅜	2½	3	9/16 × 1 5/16	28
18	3	18CH2166	19	12⅛	6	½	5/8	1½	3½	3	11/16 × 1 11/16	34
	3 7/16	18CH2167	19	12⅛	6	½	5/8	1½	3½	4		44
20	3	20CH2166	21	13½	6	½	5/8	1½	3½	3	11/16 × 1 11/16	36
	3 7/16	20CH2167	21	13½	6	½	5/8	1½	3½	4		47
24	3 7/16	24CH2167	25	16½	6	5/8	5/8	1⅝	3½	4	11/16 × 1 11/16	53

*Refer to Page H-99 for bearings

*For hangers with oil pipe add –0 to part number

Style 230

No. 230 hangers are designed for heavy duty applications where mounting on top of the trough flange is required. Hard iron or bronze bearings are normally furnished; however, other bearings are available.



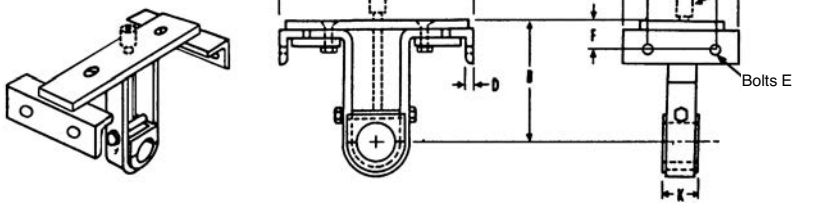
Conveyor Diameter	Coupling Size	Part Number*	B	C	D	E	F	H	K	L	M Slot	Weight Each
6	1½	6CH2303	4½	4½	3/16	3/8	8¾	2½	2	9¾	7/16 × 1 1/16	6
9	1½	9CH2303	6⅛	4½	¼	3/8	12¼	2½	2	13½	7/16 × 1 1/16	8
	2	9CH2304	6⅛	4½	¼	3/8	12¼	2½	2	13½		10
10	1½	10CH2303	6⅜	4½	¼	3/8	13¼	2½	2	14½	7/16 × 1 1/16	9
	2	10CH2304	6⅜	4½	¼	3/8	13¼	2½	2	14½		11
12	2	12CH2304	7¾	5	3/8	½	15¾	2½	2	17½	9/16 × 1 5/16	15
	2 7/16	12CH2305	7¾	5	3/8	½	15¾	2½	3	17½		20
	3	12CH2306	7¾	5	3/8	½	15¾	2½	3	17½		25
14	2 7/16	14CH2305	9¼	5	½	½	17¾	2½	3	19½	9/16 × 1 5/16	24
	3	14CH2306	9¼	5	½	½	17¾	2½	3	19½		29
16	3	16CH2306	10⅝	5	½	½	19¾	2½	3	21½	9/16 × 1 5/16	35
18	3	18CH2306	12⅛	6	½	5/8	22¼	3½	3	24½	11/16 × 1 11/16	34
	3 7/16	18CH2307	12⅛	6	½	5/8	22¼	3½	4	24½		47
20	3	20CH2306	13½	6	½	5/8	24¼	3½	3	26½	11/16 × 1 11/16	40
	3 7/16	20CH2307	13½	6	½	5/8	24¼	3½	4	26½		49
24	3 7/16	24CH2307	16½	6	5/8	5/8	28¼	3½	4	30½	11/16 × 1 11/16	55

*Refer to Page H-99 for bearings

*For hangers with oil pipe add –0 to part number

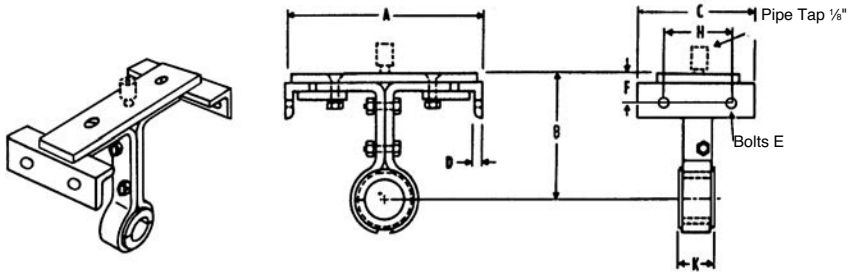
Style 316

No. 316 hangers are designed for heavy duty use in conveyors where abnormal heat requires unequal expansion between the screw and conveyor trough. Hard iron or bronze bearings are normally used; however, this hanger can be furnished with other bearings.



Style 326

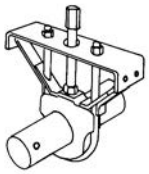
No. 326 hangers are designed to permit minimum obstruction of material flow and are used in conveyors where abnormal heat requires unequal expansion between the screw and the conveyor trough. Hard iron or bronze bearings are normally used, but other type bearings are available.

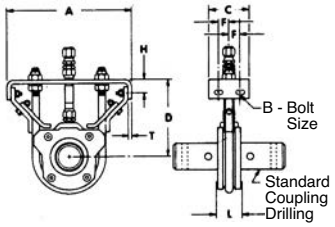


Conveyor Diameter	Coupling Size	Part Number		A	B	C	D	E	F	H	K
		Style 316*	Style 326*								
6	1½	6CH3163	6CH3263	7	4½	6	3/16	3/8	3/4	4½	2
9	1½ 2	9CH3163 9CH3164	9CH3263 9CH3264	10 10	6⅛ 6⅛	6 6	3/16 3/16	3/8 3/8	1 1	4½ 4½	2 2
10	1½ 2	10CH3163 10CH3164	10CH3263 10CH3264	11 11	6⅜ 6⅜	6 6	3/16 3/16	3/8 3/8	1 1	4½ 4½	2 2
12	2 2 7/16 3	12CH3164 12CH3165 12CH3166	12CH3264 12CH3265 12CH3266	13 13 13	7¾ 7¾ 7¾	6½ 6½ 6½	¼ ¼ ¼	½ ½ ½	1¼ 1¼ 1¼	5 5 5	2 3 3
14	2 7/16 3	14CH3165 14CH3166	14CH3265 14CH3266	15 15	9¼ 9¼	6½ 6½	¼ ¼	½ ½	1⅜ 1⅜	5 5	3 3
16	3	16CH3166	16CH3266	17	10⅝	6½	¼	½	1⅜	5	3
18	3 3 7/16	18CH3166 18CH3167	18CH3266 18CH3267	19 19	12⅛ 12⅛	7 7	¼ ¼	⅝ ⅝	1⅝ 1⅝	5¼ 5¼	3 4
20	3 3 7/16	20CH3166 20CH3167	20CH3266 20CH3267	21 21	13½ 13½	7 7	¼ ¼	⅝ ⅝	1⅝ 1⅝	5¼ 5¼	3 4
24	3 7/16	24CH3167	24CH3267	25	16½	7	¼	⅝	1¾	5¼	4

*Refer to Page H-99 for bearings

*For hangers with oil pipe add –0 to part number





Air Purged Hanger

Air purged hangers are recommended when handling dusty and abrasive materials which contribute to shut-downs and hanger bearing failures. They should not be used when handling hot materials (over 250°F) or wet sticky materials or when handling nonabrasive materials when an inexpensive hanger will do the job satisfactorily. Maximum trough loading should not exceed 15%. The air, at approximately 1¼ PSI, enters the housing at the top, passes over and around the bearing, and is dissipated around the coupling shaft on both sides of the housing. Only 3 to 7 cu. ft. of air per minute is required to keep each hanger bearing clean.

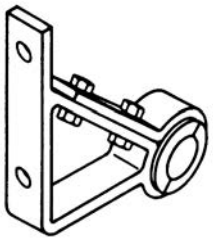
Screw Diameter	Part Number	Shaft Dia.	Weight Each	A	B	C	D	F	H	L	T
9	9CHAPH3 9CHAPH4	1½ 2	15 20	10	3/8 3/8	4½	6⅛	1¼	1	2	¼
12	12CHAPH4 12CHAPH5 12CHAPH6	2 2 7/16 3	30 52 68	13	½	5	7¼	1¼	1¼	2 3 3	¼
14	14CHAPH5 14CHAPH6	2 7/16 3	60 74	15	½	5	9¼	1¼	1⅜	3	⅜
16	16CHAPH6	3	77	17	½	5	10⅝	1¼	1⅜	3	⅛
18	18CHAPH6	3	91	19	⅝	6	12⅛	1¾	1⅝	3	½
20	20CHAPH6 20CHAPH7	3 3 7/16	105 140	21	⅝	6	13½	1¾	1⅜	3 4	½
24	24CHAPH7	3 7/16	155	25	⅝	6	16½	1¾	1⅝	4	½

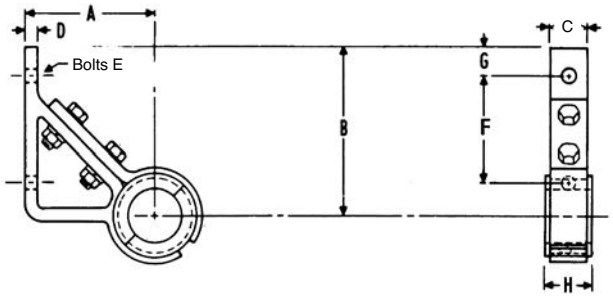
Space required on coupling for hanger.
Air supply should be clean and dry.

Dimensions in inches.
Weight in pounds.

Style 30

No. 30 hangers are designed for side mounting within the conveyor trough on the non-carrying side and permit a minimum of obstruction of material flow. Available with friction type bearing.



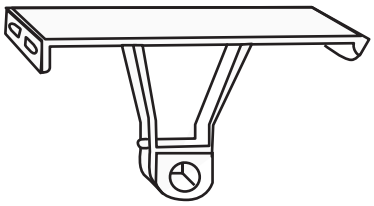


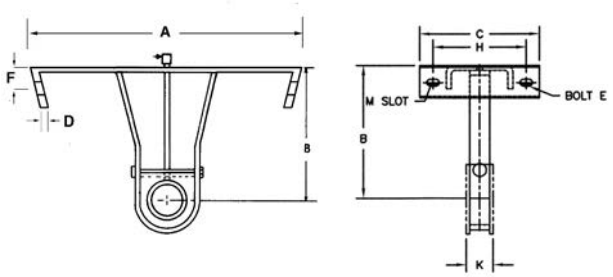
Conveyor Diameter	Coupling Diameter	Part Number*	A	B	C	D	E	F	G	H	Weight Each
6	1½	6CH303	3½	4¼	1½	⅜	5/16	3⅛	½	2	3
9	1½	9CH303	5	5⅞	1½	⅜	⅜	4¼	½	2	6
	2	9CH304	5	5⅞	1½	½	⅜	4¼	½	2	8
10	1½	10CH303	5½	6⅜	1½	⅜	½	4⅜	¾	2	8
	2	10CH304	5½	6⅜	1½	½	½	4⅜	¾	2	9
12	2	12CH304	6½	7½	1½	½	½	5½	¾	2	12
	2 7/16	12CH305	6½	7½	2	½	½	5½	¾	3	18
	3	12CH306	6½	7½	2	⅝	½	5½	¾	3	20
14	2 7/16	14CH305	7½	9	2	½	⅝	6⅞	⅞	3	20
	3	14CH306	7½	9	2	⅝	⅝	6⅞	⅞	3	22
16	3	16CH306	8½	10⅜	2	⅝	⅝	8	1	3	32
18	3	18CH306	9½	11⅞	2	¾	⅝	8	1¼	3	30
	3 7/16	18CH307	9½	11⅞	3	¾	⅝	8	1¼	4	33
20	3	20CH306	10½	13¼	2	¾	⅝	10¼	1¼	3	32
	3 7/16	20CH307	10½	13¼	3	¾	⅝	10¼	1¼	4	38
24	3 7/16	24CH307	12½	16¼	3	¾	¾	12¾	1½	4	46

*Refer to Page H-99 for bearings
NOTE: For hangers with oil pipe add –0 to part number

Style 216F

No. 216F hangers are designed for heavy duty applications and are mounted inside of flared trough. Hard iron or bronze bearings are normally furnished; however, other bearings are available.



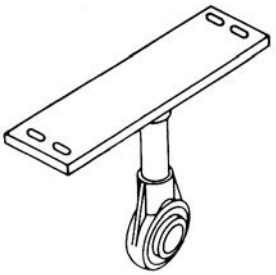


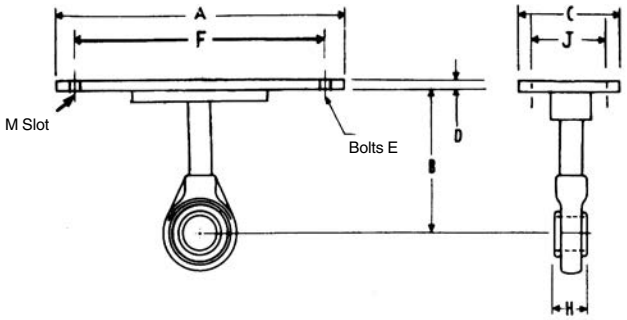
Conveyor Diameter	Coupling Diameter	Part Number*	A	B	C	D	E	F	H	K	Weight Each	M Slot
6	1½	6CH216F3	14	7	7½	¼	⅜	⅞	6	2	9	7/16 × ¾
9	1½	9CH216F3	18	9	9	3/16	⅜	1	7	2	14	7/16 × 15/16
	2	9CH216F4									17	
12	2	12CH216F4	22	10	9	⅜	½	1¼	7	2	24	9/16 × 15/16
	2 7/16	12CH216F5								3	28	
	3	12CH216F6									32	
14	2 7/16	14CH216F5	24	11	9	⅜	½	1⅛	7	3	31	9/16 × 15/16
	3	14CH216F6									34	
16	3	16CH216F6	28	11½	9	½	⅝	1¼	7	3	38	11/16 × 1
18	3	18CH216F6	31	12⅛	10	½	⅝	1½	8	3	52	11/16 × 15/16
	3 7/16	18CH216F7								4	61	
20	3	20CH216F6	34	13½	10	½	⅝	1½	8	3	55	11/16 × 15/16
	3 7/16	20CH216F7								4	64	
24	3 7/16	24CH216F7	40	16½	10	⅝	⅝	1⅝	8	4	71	11/16 × 15/16

*Refer to Page H-99 for bearings

Style 60

No. 60 hangers are furnished with a heavy duty, permanently lubricated and sealed, self-aligning ball bearing which permits temperatures up to 245º F. and will allow for up to 4º shaft misalignment. This hanger is mounted on top of the trough flanges. Grease fitting can be furnished if specified.



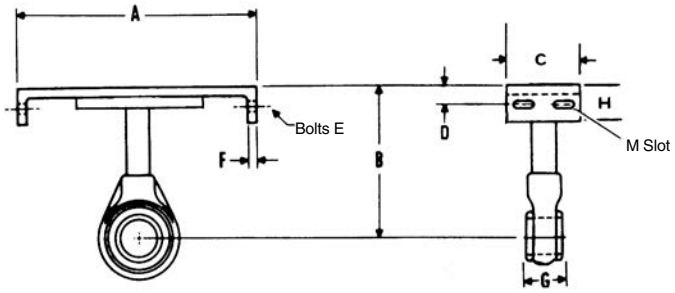


Conveyor Diameter	Coupling Size	Part Number*	A	B	C	D	E	F	H	J	Weight Each	M Slot
6	1½	6CH603	9¾	4½	4½	3/16	3/8	8¾	1 11/16	2	7	7/16 × 1 1/16
9	1½ 2	9CH603 9CH604	13½ 13½	6⅛ 6⅛	4½ 4½	¼ ¼	3/8 3/8	12¼ 12¼	1 11/16 1¾	2½ 2½	8 9	7/16 × 1 1/16 7/16 × 1 1/16
10	1½ 2	10CH603 10CH604	14½ 14½	6⅜ 6⅜	4½ 4½	¼ ¼	3/8 3/8	13¼ 13¼	1 11/16 1¾	2½ 2½	9 10	7/16 × 1 5/16 7/16 × 1 5/16
12	2 2 7/16 3	12CH604 12CH605 12CH606	17½ 17½ 17½	7¾ 7¾ 7¾	5 5 5	3/8 3/8 3/8	½ ½ ½	15¾ 15¾ 15¾	1¾ 1 63/64 2 11/16	2½ 2½ 2½	12 20 30	9/16 × 1 5/16 9/16 × 1 5/16 9/16 × 1 5/16
14	2 7/16 3	14CH605 14CH606	19½ 19½	9¼ 9¼	5 5	½ ½	½ ½	17¾ 17¾	1 63/64 2 11/32	2½ 2½	21 32	9/16 × 1 5/16 9/16 × 1 5/16
16	3	16CH606	21½	10⅝	5	½	½	19¾	2 11/32	2½	35	9/16 × 1 5/16
18	3	18CH606	24½	12⅛	6	½	⅝	22¼	2 11/32	3½	40	11/16 × 1 11/16
20	3	20CH606	26½	13½	6	½	⅝	24¼	2 11/32	3½	45	11/16 × 1 11/16
24	3 7/16	24CH607	30½	16½	6	⅝	⅝	28¼	2 31/64	3½	58	11/16 × 1 11/16

*For hangers with oil pipe add –0 to part number

Style 70

No. 70 hangers are furnished with a heavy duty, permanently lubricated and sealed, self aligning ball bearing which permits temperatures up to 245º F. and will allow for up to 4º shaft misalignment. This hanger is mounted inside the trough. Grease fitting can be furnished if specified.



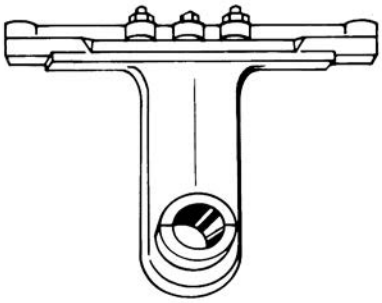
Conveyor Diameter	Coupling Size	Part Number*	A	B	C	D	E	F	G	H	Weight Each	M Slot
6	1½	6CH703	7	4½	4½	¾	3/8	3/16	1 11/16	1 1/2	7	7/16 × 1 1/16
9	1½ 2	9CH703 9CH704	10 10	6⅛ 6⅛	4½ 4½	1 1	3/8 3/8	¼ ¼	1 11/16 1¾	1¾ 1¾	8 9	7/16 × 1 1/16
10	1½ 2	10CH703 10CH704	11 11	6⅜ 6⅜	4½ 4½	1 1	3/8 3/8	¼ ¼	1 11/16 1¾	1¾ 1¾	9 10	7/16 × 1 1/16
12	2 2 7/16 3	12CH704 12CH705 12CH706	13 13 13	7¾ 7¾ 7¾	5 5 5	1¼ 1¼ 1¼	½ ½ ½	3/8 3/8 3/8	1¾ 1 63/64 2 11/32	2⅛ 2⅛ 2⅛	12 20 30	9/16 × 1 5/16
14	2 7/16 3	14CH705 14CH706	15 15	9¼ 9¼	5 5	1⅜ 1⅜	½ ½	½ ½	1 63/64 2 11/32	2¼ 2¼	21 32	9/16 × 1 5/16
16	3	16CH706	17	10⅝	5	1⅜	½	½	2 11/32	2¼	35	9/16 × 1 5/16
18	3	18CH706	19	12⅛	6	1½	⅝	½	2 11/32	2½	40	11/16 × 1 11/16
20	3	20CH706	21	13½	6	1½	⅝	½	2 11/32	2½	45	11/16 × 1 11/16
24	3 7/16	24CH707	25	16½	6	1⅝	⅝	⅝	2 11/32	2⅝	58	11/16 × 1 11/16

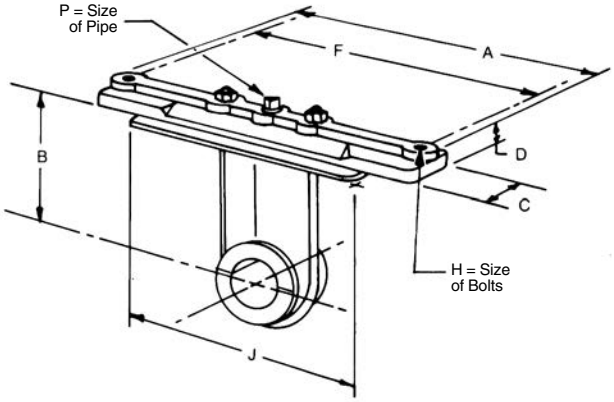
*For hangers with oil pipe add –0 to part number

Style 19B

The No. 19-B Hanger is similar in construction to the No. 18-B except they are mounted on top of the trough angles. Built-in ledges provide supports for the ends of the cover. They are streamlined in design and permit free passage of the material.

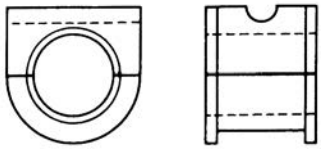
Top half is furnished with bronze bearing. Bottom half can be supplied in oil impregnated wood, hard iron, or other special caps may be furnished on request.



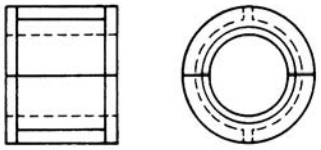


Conveyor Diameter	Bearing Bore	Part Number	Weight	A	B	C	D	F	H Bolt	J	P Pipe
6	1½	6CH19B3	8.5	9⅞	4½	1⅞	⅞	8¾	9⁄16	6½	⅛
9	1½ 2	9CH19B3 9CH19B4	13.0 15.5	13½ 13½	6⅛ 6⅛	1¾ 1¾	1 1	12¼ 12¼	9⁄16 9⁄16	9½ 9½	⅛ ⅛
10	1½ 2	10CH19B3 10CH19B4	14.0	14½	6⅜	1¾	1	13¼	9⁄16	10½ 10½	⅛
12	2 2 7⁄16 3	12CH19B4 12CH19B5 12CH19B6	24.0 24.5	17 17	7¾ 7¾	2 2⅛	1¼ 1⅝	15¾ 15¾	9⁄16 9⁄16	12½ 12½ 12½	⅛ ⅛
14	2 7⁄16 3	14CH19B5 14CH19B6	37.0	19¼	9¼	3	1½	17¾	9⁄16	14½ 14¼	⅛
16	3	16CH19B6	45.0	21¼	10⅝	3	1¾	19¾	1 1⁄16	16½	⅛
18	3	18CH19B6	48.5	23¾	12⅛	3	1⅝	22¼	1 1⁄16	18½	⅛
20	3 7⁄16	20CH19B7	60.0	26¼	13½	4	1½	24¼	1 3⁄16	20	⅛

Bearings

Hanger Type	Shaft Diameter	Part Number	Bearing
216	1½	CHB2163*	
	2	CHB2164*	
230	2 7/16	CHB2165*	
	3	CHB2166*	
316	3 7/16	CHB2167*	

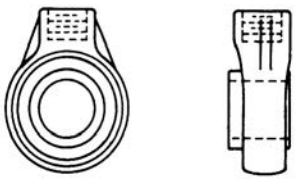
*H—Hard Iron *W—Wood *BR – Bronze *U—UHMW *G—Gatke *ER – Ertalyte® *C—Ceramic * St—Stellite * UR - Urethane
* Oil hole is furnished on hard iron and bronze standard.

Hanger Type	Shaft Diameter	Part Number	Bearing
220	1	CHB2202*	
	1½	CHB2203*	
226	2	CHB2204*	
326	2 7/16	CHB2205*	
	3	CHB2206*	
30	3 7/16	CHB2207*	

*H — Cast Hard Iron with oil hole *W — Wood *N — Nylatron *P – HDPE *G—Gatke *ER – Ertalyte®

MHI — Martin Hard iron (oil impregnated) *MCB — Melamine (Furnished Less Flanges) *C – Ceramic *WN – White Nylon *WI – White Iron

*MBR — Martin Bronze (oil impregnated) *U — UHMW *UR – Urethane

Hanger Type	Shaft Diameter	Part Number	Bearing
60 Ball Bearing	1½	CHB603	
	2	CHB604	
70 Ball Bearing	2 7/16	CHB605	
	3	CHB606	
	3 7/16	CHB607	

Note: New style bearings are available with slinger shield one side.

Hanger Type	Shaft Diameter	Part Number	Bearing
18B	1½	CHB18B3*	
	2	CHB18B4*	
	2 7/16	CHB18B5*	
19B	3	CHB18B6*	
	3 7/16	CHB18B7*	

*W—Wood *H—Hard Iron *N—Nylatron *G—Gatke
Note: Furnished as bottom cap only.
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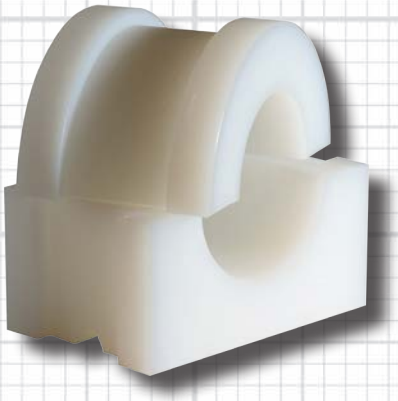

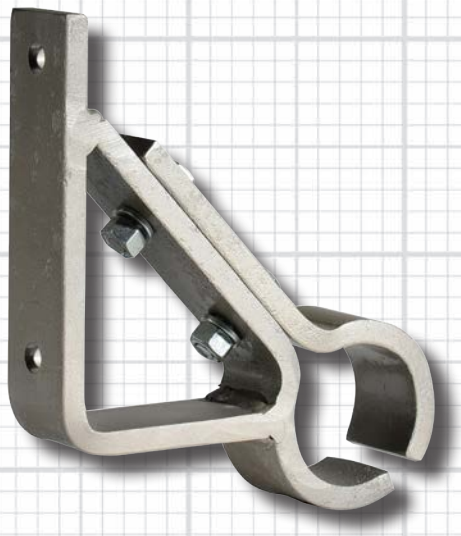

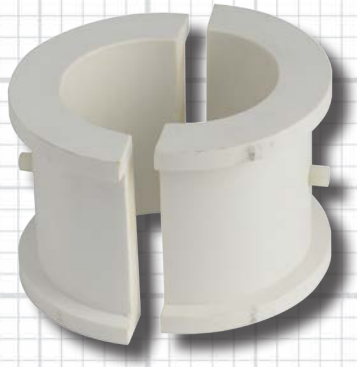

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