Housing with Black inserts are "Anchor" supports

Rigid "Anchor or Guide" Hanger / Rod Mount Unit

One piece unit with rod welded to the hanger housing. Hanger rods are available in lengths up to 96". Standard rod length is 6"

Features: The rigid hanger is ideal for supporting vertical runs and reducing vibrations. This type rod connection does not offer the dynamic slope adjustment. 6" rod is the standard length with other lengths available. Fig 221 CHR can also be used in combination with the figure 223, 225 or 226 stanchions. This combination will allow the support to be adjusted telescopically to the tube or pipe elevation. Call customer service for the price and availability of special rod lengths.

Size Range: 0.24" diameters through 6.00" diameter covering imperial tube, pipe and copper sizes. ISO and DIN standards, and special diameters available upon request.

Hardware: 304 Stainless Steel (Standard), 316 Stainless Steel

Finish: Stainless steel at a 25 RA

Plastic: Polysulfone (Black = Anchor and Gray = Guide)

Shearing: Anchors - Refer to shear force diagram in technical section (page 29)

Guides - Allows free axial movement for thermal expansion of tube or pipe

Housing with Gray inserts are "Guide" supports

Fig. 221 CHR Compact Rigid Hanger - Part Number Configurator

CHR- PG- 105 T- 06

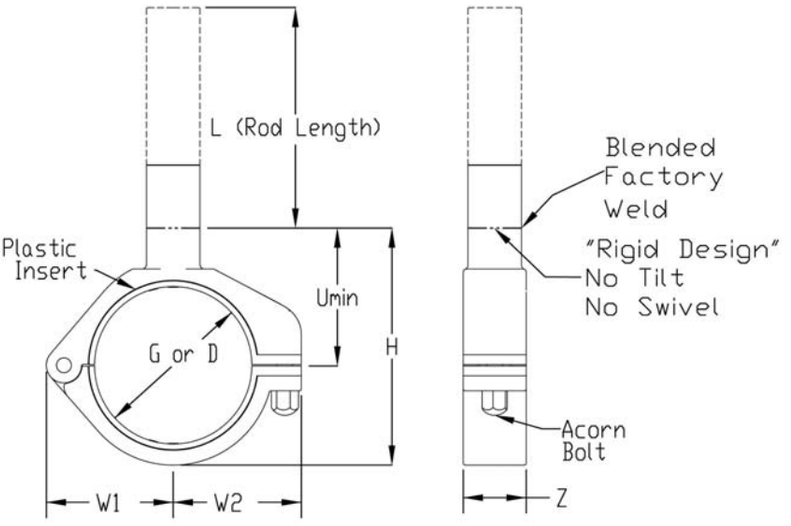
Housing Type
Compact Hygienic Rigid = CHR

Plastic Insert Material & Feature
Anchor - Black = PS
Guide - Gray = PG

Tube, Pipe or Guide Size
Anchor "D" Dimension
For sizing refer to "D" column on dimensional chart
Round Part Number to the Hundredth 1.05 = 105

Hardware Material
304 Stainless Steel = T
316 Stainless Steel = X

Rigid Rod Length
Standard Length 6" = 06
12" = 12
18" = 18
24" = 24
Special lengths are available Upon Request



Group No.	Stainless Tube	Pipe	Copper Tube	Outside Diameter (mm)	221 CHR	UNIVERSAL DIMENSIONS AMONG HOUSINGS		221 CHR							
					Part Number (-PS- as displayed is an Anchor & -PG- would make a Guide)	"D" Anchor Plastic	"G" Guide Plastic	Dimension, in. (mm)							Weights lb (kg)
								W1	W2	Z	U (min)	H	L	Rod Diameter	
1	6 mm			6.0	CHR-PS-024-T-??	0.24	0.27	0.93 (24)	1.02 (26)	0.75 (19)	1.08 (28)	1.67 (42)	??	1/2" (12)	0.58 (0.26)
	1/4"			6.3	CHR-PS-025-T-??	0.25	0.29								
	3/8"			9.6	CHR-PS-038-T-??	0.38	0.40								
	1/2"			12.7	CHR-PS-050-T-??	0.50	0.54								
2		1/4"		13.7	CHR-PS-054-T-??	0.54	0.58	1.06 (27)	1.15 (29)	0.75 (19)	1.23 (31)	1.93 (49)	??	1/2" (12)	0.60 (0.27)
			1/2"	16.0	CHR-PS-063-T-??	0.63	0.67								
	3/4"			19.0	CHR-PS-075-T-??	0.75	0.79								
3	20 mm			20.0	CHR-PS-079-T-??	0.79	0.82	1.20 (31)	1.28 (33)	0.75 (19)	1.35 (34)	2.19 (56)	??	1/2" (12)	0.66 (0.30)
		1/2"		21.3	CHR-PS-084-T-??	0.84	0.88								
			3/4"	22.4	CHR-PS-088-T-??	0.88	0.91								
	1"			25.4	CHR-PS-100-T-??	1.00	1.04								
4		3/4"		26.7	CHR-PS-105-T-??	1.05	1.09	1.45 (37)	1.56 (40)	0.75 (19)	1.66 (42)	2.74 (69)	??	1/2" (12)	0.72 (0.33)
			1"	28.7	CHR-PS-113-T-??	1.13	1.16								
		1"		33.5	CHR-PS-132-T-??	1.32	1.35								
	1 1/2"			38.1	CHR-PS-150-T-??	1.50	1.54								
5	40 mm			40.0	CHR-PS-158-T-??	1.58	1.61	1.74 (44)	1.79 (46)	0.75 (19)	1.85 (47)	3.18 (81)	??	1/2" (12)	0.80 (0.36)
			1 1/2"	41.4	CHR-PS-163-T-??	1.63	1.66								
		1 1/2"		48.3	CHR-PS-190-T-??	1.90	1.94								
	2"			50.8	CHR-PS-200-T-??	2.00	2.04								
6	52 mm			52.0	CHR-PS-205-T-??	2.05	2.10	2.02 (51)	2.04 (52)	1.00 (25)	2.18 (55)	3.77 (96)	??	5/8" (16)	1.61 (0.73)
			2"	54.0	CHR-PS-213-T-??	2.13	2.18								
		2"		60.3	CHR-PS-238-T-??	2.38	2.43								
	2 1/2"			63.5	CHR-PS-250-T-??	2.50	2.55								
7	70 mm			70.0	CHR-PS-276-T-??	2.76	2.81	2.27 (58)	2.29 (58)	1.00 (25)	2.34 (59)	4.18 (106)	??	5/8" (16)	1.67 (0.73)
		2 1/2"		73.1	CHR-PS-288-T-??	2.88	2.93								
	3"			76.1	CHR-PS-300-T-??	3.00	3.05								
8			3"	79.5	CHR-PS-313-T-??	3.13	3.18	2.76 (70)	2.79 (71)	1.00 (25)	3.08 (78)	5.42 (137)	??	3/4" (19)	1.86 (0.84)
		3"		88.9	CHR-PS-350-T-??	3.50	3.55								
	4"			101.6	CHR-PS-400-T-??	4.00	4.05								
8A	104 mm			104.0	CHR-PS-409-T-??	4.09	4.14	3.01 (76)	3.09 (78)	1.00 (25)	3.28 (83)	5.87 (149)	??	3/4" (19)	1.88 (0.85)
			4"	104.9	CHR-PS-413-T-??	4.13	4.18								
		4"		114.3	CHR-PS-450-T-??	4.50	4.55								
9	129 mm			129.0	CHR-PS-508-T-??	5.08	5.13	3.98 (101)	4.46 (113)	1.50 (38)	4.45 (113)	8.03 (204)	??	1" (25)	6.21 (2.81)
	6"			152.4	CHR-PS-600-T-??	6.00	6.05								

All standard sizes shown, special diameters available upon request