

# HILMAN PIPE ROLLERS

## Use HILMAN PIPE ROLLERS

### for: **Permanent or Semi-Permanent Pipelines**

- Compensation for Thermal Expansion and Contraction at Pipe Joints
- Servicing and Replacing Pipe
- Stress Relief on Pipe Runs

*Designed to mate with standard pipe and tube diameters or custom designed and built to meet your specifications and requirements, Hilman Pipe Rollers are the best solution for thermal compensation in pipeline applications.*

Compensating for the thermal expansion and contraction at the pipe joints in a pipeline always presents problems to pipeline operators. And when the pipeline is unattended or exposed in a hostile environment, the problem is compounded. Harsh ambient temperature, rapid temperature variations, and temperature changes of the product flowing through the pipeline often cause expansion and contraction of the pipe sufficient to produce excessive stress at the pipe joints. More often than not, this stress is severe enough to impair joint integrity and cause product losses through leaks, product contamination, creation of hazards to equipment and personnel, and in severe cases, environmental contamination.

Hilman Pipe Rollers prevent all of these problems by cradling the pipe near the joints. When pipe expansion and contraction does occur, the Hilman Pipe Rollers let the pipe move on the rollers, allowing the expansion and contraction to occur naturally, without stressing the joints. The Hilman Roller system can easily be installed in the field to support existing pipes or built into the pipe supports before laying a new pipeline.



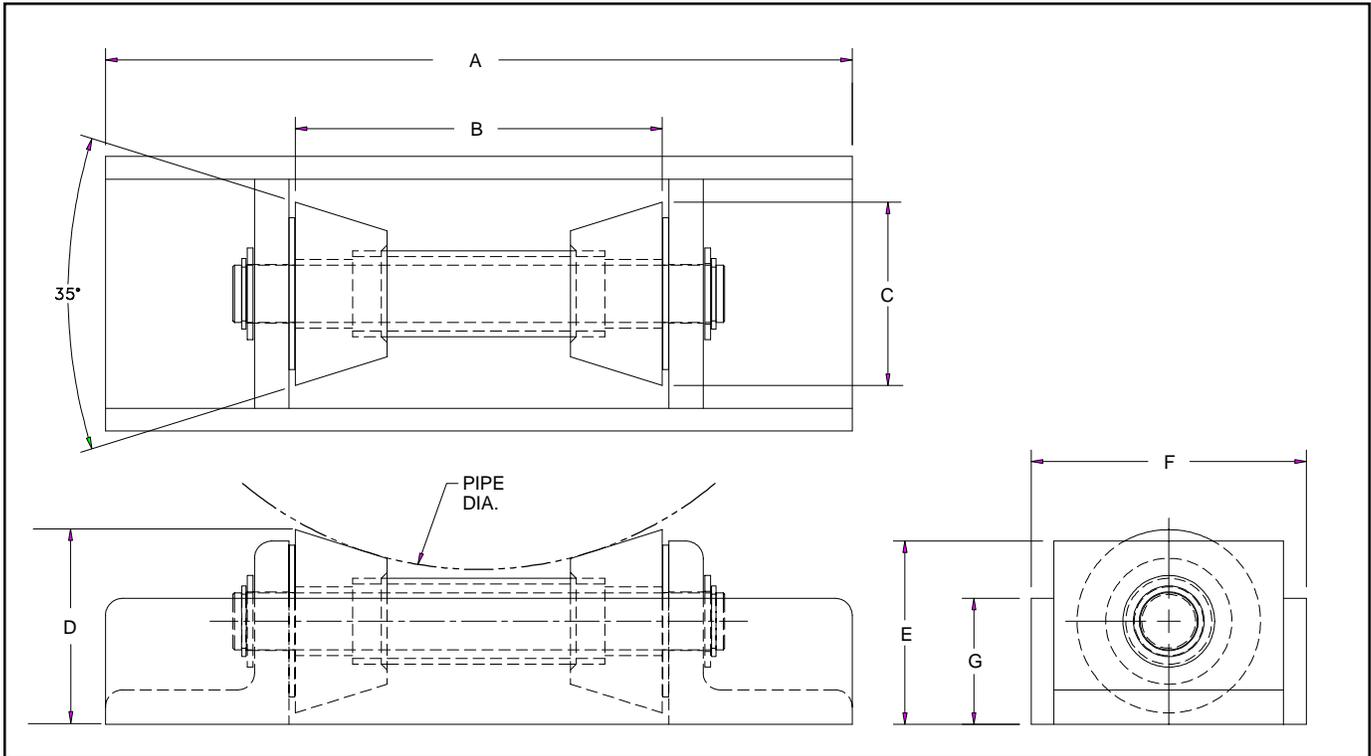
#### Pipe Roller Selection Guide

- ✓ Diameter of pipe being moved
- ✓ Weight of pipe per ft., yd., or meter
- ✓ Desired surface finish of Roller: stainless steel, carbon steel, or polyurethane
- ✓ Environmental conditions for Roller operation: indoor, outdoor, harsh, chemical, wet, ice, and snow
- ✓ Type of Roller mounting desired: standard, custom
- ✓ Number of Pipe Rollers required

Hilman Pipe Rollers are available as standard products in sizes to accommodate popular pipe and tube diameters as shown in the table of specifications on the reverse side. Hilman will also design special Pipe Rollers to meet your exact specification and application requirements.

The unique Hilman design, employing high quality stainless steel rolls, allows Hilman Pipe Roller Systems to be used in virtually any environment and with complete assurance that they will provide years of trouble-free service.

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## SPECIFICATIONS

Part Number	Pipe Dia.	Pipe Roller Dimensions In/mm							Unit Wt. Lbs/kgs.
		A	B	C	D	E	F	G	
8D-PHR	8	14	5-3/4	4	4-1/2	4	6	2-3/4	37
	203	356	146	102	114	102	152	70	17
10D-PHR	10	14-1/4	6	4	4-1/2	4	6	2-3/4	38
	254	363	152	102	114	102	152	70	17
16D-PHR	16	16-1/4	8	4	4-1/2	4	6	2-3/4	40
	406	414	203	102	114	102	152	70	18
18D-PHR	18	16-3/4	8-1/2	4	4-1/2	4	6	2-3/4	41
	457	426	216	102	114	102	152	70	19
24D-PHR	24	17-1/4	9	4	4-1/2	4	6	2-3/4	42
	610	439	229	102	114	102	152	70	19

Specifications subject to change without notice. Hilman will also design Pipe Rollers to suit customer specifications. Hilman Pipe Dollies are warranted against defects in materials and workmanship for one year from date of delivery to the original user.

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