



Pigging Products & Services

POLLY PIGS



Typical Uses

These models can be used with a variety of applications:

Industrial, oil and gas, mining, chemical and water (aqueducts).

Characteristics

Because of its flexible and light properties these pigs can negotiate valves, elbows and a variety of accessories present in a line.

Sizes range from 2 in to 60 in and are manufactured in three basic densities; low 1-2 lb./ft³ (16-32 kg/mt³), medium 6-7 lbs./ft³ (96-112kg/mt³) and High 8-10 lbs./ft³ (128-160 kg/mt³).

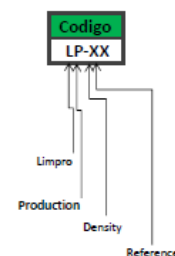
Most models can be fabricated with double nose, double dish, cavity for transmitter and polyrope or bands for handling.

Description

Our Polly pigs are manufactured with celular polyurethane and have a tough coating to resist wear. This versatile tool can negotiate 90° elbows and cross sectional restrictions or reductions (consult limpro when applicable). Can be used for cleaning, drying, batching inhibitors and product displacement.

- a) Testing, light drying
- b) Light cleaning
- c) Light cleaning
- d) Cleaning with reductions
- e) Light scraping
- f) Heavy scraping
- g) Dewatering, batching, wiping
- h) 180° bends
- i) Maximum scraping

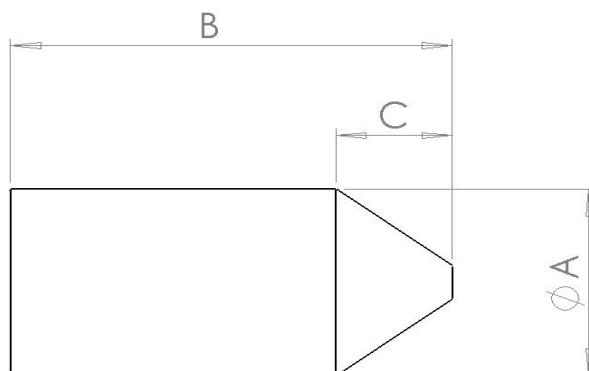
Model Table



Reference	Model	Model	Model	Suggested Use
Bare	LP-IR 	LP-MB 	LP-HB 	Regular Duty Drying
Single	LP-LS 	LP-MS 	LP-HS 	Economical Wiping
Equis	LP-LX 	LP-MX 	LP-HX 	Regular Duty Wiping
Dimensión	LP-LD 	LP-MD 	LP-HD 	Multi-Dimensional
Wire	LP-LW 	LP-MW 	LP-HW 	Regular Duty Scraping
Carbide	LP-IC 	LP-MC 	LP-HC 	Regular Duty Scraping
High Performance (Custom)	LP-DP 	LP-US 	LP-UL 	Dewatering, Batching of Dissimilar Products
Special Operation			LP-EF 	Special Application
Heavy Duty			LP-HH 	Maximum Scraping

Dimensions

Standard Dimensions For Polly Pigs



Nom. Dia.	A	B	C
2	2.12	4	1
3	3	4.5	0.75
4	4.16	8.13	2.3
6	6.26	12.25	3.25
7	7	13.75	3.25
8	8.22	16.25	4.25
10	10.32	20.25	5.25
12	12.36	24.25	6.25
14	13.66	28.5	7.5
16	16	31.65	7.65
18	17.78	35.75	8.75
20	19.84	39.75	9.75
22	21.86	39.75	9.75
24	23.96	46.25	10.25
30	30.13	57.25	12.25
32	32.32	60.25	12.25
36	36.32	68.75	14.75
42	42.5	78.75	15.75
48	48.68	90	18
50	50	153.94	20
56	56	153.94	13
60	60.63	153.94	19.63

Note: English System

Baching Pigs



Description

These pigs can be assembled with different configurations to satisfy your particular application.

Cups and discs can be replaced after use making it an economical option since the metal body does not wear out.

Typical Uses

Because of the multiple possible configurations, these tools can be used for: batching, inhibitors, gauging, etc.

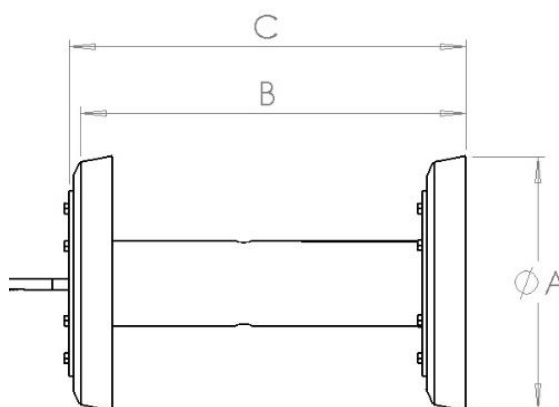
Characteristics

Variety of models with cups or discs made of elastomeric polyurethane with hardness of (80°+/- 5 shore A) and mounted on a steel mandrel and assembled with grade 5 bolts and safety pressure washers and nuts (polyethylene liner).

Metal body has front and back handling loop.

These pigs are designed to traverse 3D bends.

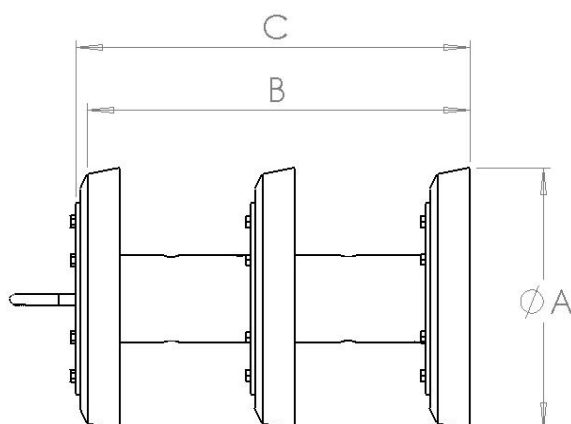
Model LP-BA2-XX



Nom. Dia	A	B	C
6	6.24	9.00	9.25
8	8.37	12.00	12.25
10	10.40	15.00	15.25
12	12.12	18.00	19.24
14	13.74	21.00	21.62
16	16.08	24.00	24.46
18	17.94	27.00	27.58
20	19.88	30.00	30.59
22	22.11	33.00	33.70
24	24.12	36.00	37.00
30	30.20	45.00	46.26
36	36.26	54.00	55.00
48	44.54	72.00	73.00

Note: English System

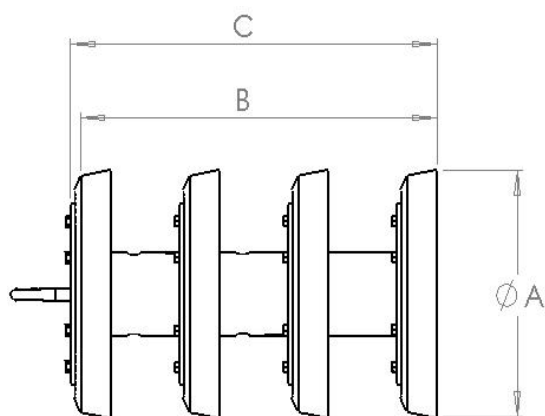
Model LP-BA3-XX



Nom. Dia	A	B	C
6	6.24	9.00	9.40
8	8.37	12.00	12.41
10	10.40	15.00	15.25
12	12.12	18.00	19.24
14	13.75	21.00	21.62
16	16.08	24.00	24.46
18	17.94	27.00	27.58
20	19.88	30.00	30.60
22	22.11	33.00	33.71
24	24.12	36.00	37.00
30	30.20	45.00	46.25
36	36.26	54.00	55.00
48	44.54	72.00	73.00

Note: English System

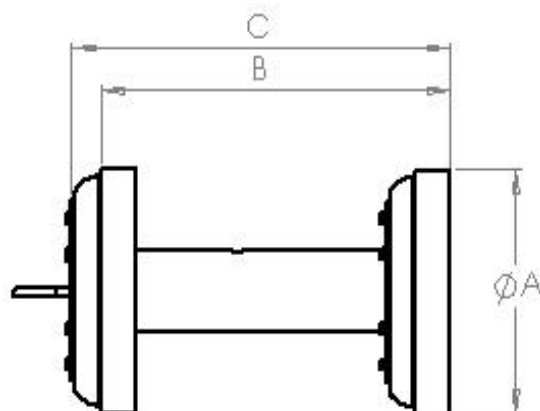
Model LP-BA4-XX



Nom. Dia	A	B	C
6	6.24	9.00	9.40
8	8.37	12.00	12.39
10	10.40	15.00	16.27
12	12.12	18.00	19.24
14	13.74	21.00	21.62
16	16.08	24.00	29.50
18	17.94	27.00	27.58
20	19.88	30.00	30.60
22	22.11	33.00	33.71
24	24.12	38.00	40.74
30	30.20	45.00	46.26
36	36.26	54.00	55.25
48	44.54	72.00	73.00

Note: English System

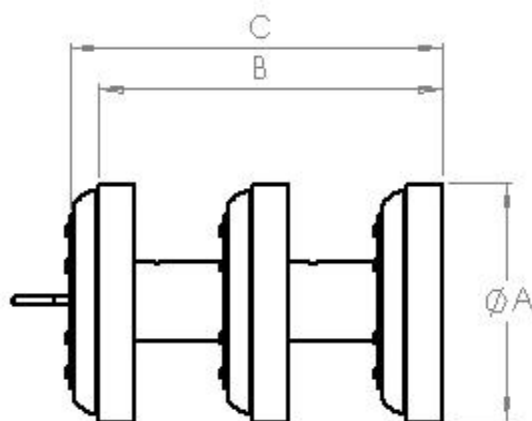
Model LP-BE2-XX



Nom. Dia	A	B	C
6	6.50	9.00	10.29
8	8.30	12.00	13.44
10	10.38	15.00	16.43
12	12.50	18.00	19.95
14	13.69	21.00	22.76
16	15.64	24.00	26.77
18	17.69	27.00	29.85
20	19.80	30.00	32.98
22	21.66	33.00	36.47
24	23.54	36.00	39.57
30	29.62	45.00	49.80
36	35.32	54.00	58.58
48	46.76	72.00	77.32

Note: English System

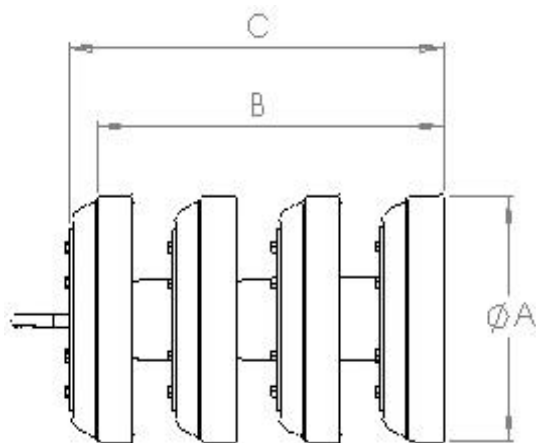
Model LP-BE3-XX



Nom. Dia	A	B	C
6	6.50	9.00	10.29
8	8.30	12.00	13.44
10	10.38	15.00	16.43
12	12.50	18.00	19.95
14	13.69	21.00	22.75
16	15.64	24.00	26.78
18	17.69	27.00	29.86
20	19.80	30.00	32.98
22	21.66	33.00	36.47
24	23.54	36.00	39.57
30	32.38	45.00	49.58
36	35.32	54.00	58.58
48	46.76	72.00	77.32

Note: English System

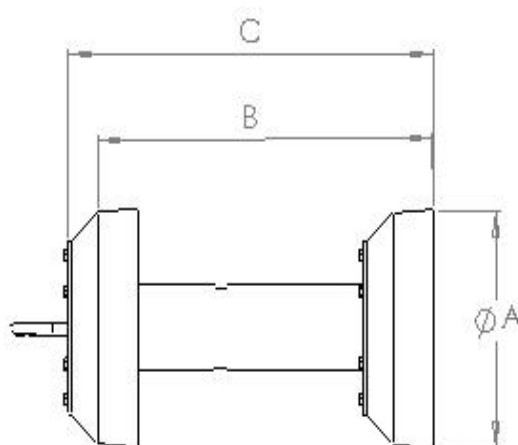
Model LP-BE4-XX



Nom. Dia	A	B	C
6	6.50	9.00	10.30
8	8.30	12.00	13.45
10	10.38	15.00	16.42
12	12.50	18.00	19.95
14	13.69	21.00	22.77
16	15.64	24.00	26.77
18	17.69	27.00	29.85
20	19.80	30.00	32.98
22	21.66	33.00	36.50
24	23.54	36.00	39.59
30	32.38	45.00	49.58
36	35.32	54.00	58.60
48	46.76	72.00	77.33

Note: English System

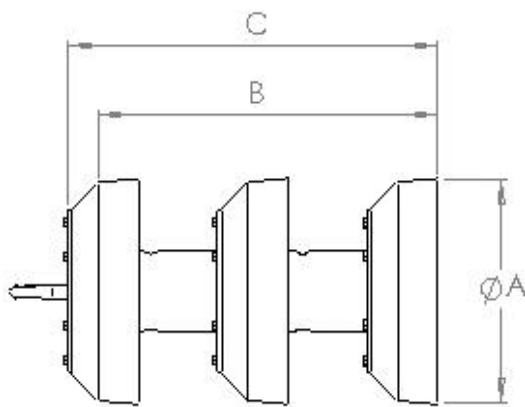
Model LP-CA2-XX



Nom. Dia	A	B	C
6	6.42	9.00	10.72
8	8.43	12.00	13.86
10	10.26	15.00	17.36
12	12.28	18.00	20.23
14	13.07	21.00	22.87
16	16.02	20.50	23.35
20	19.80	30.00	33.59
24	23.66	36.00	40.70
30	30.16	45.00	49.76
36	35.06	54.00	58.83
42	42.91	63.00	68.69

Note: English System

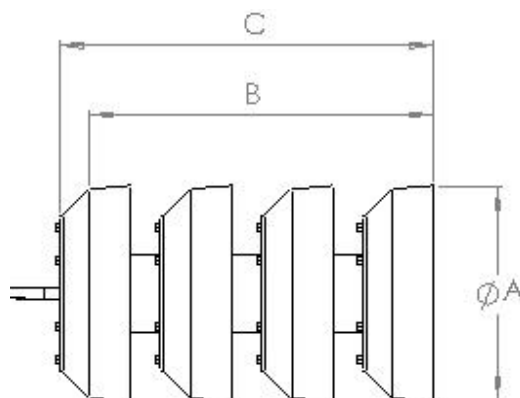
Model LP-CA3-XX



Nom. Dia	A	B	C
6	6.42	9.00	10.73
8	8.43	12.00	13.86
10	10.19	15.00	17.29
12	12.28	18.00	20.23
14	13.07	21.00	22.87
16	16.02	24.00	26.85
20	19.80	30.00	33.60
24	23.66	36.00	40.71
30	30.16	45.00	49.76
36	35.06	54.04	58.87
42	42.91	63.04	68.73

Note: English System

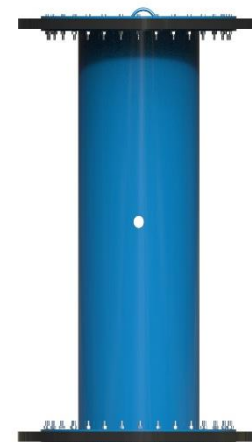
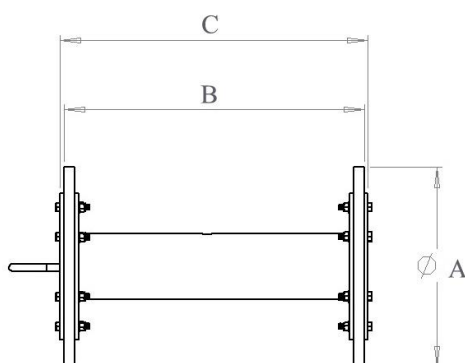
Model LP-CA4-XX



Nom. Dia	A	B	C
6	6.42	9.00	10.71
8	8.43	12.00	13.85
10	10.26	15.00	17.36
12	12.28	18.00	20.22
14	13.07	21.00	22.85
16	16.02	27.00	30.00
20	19.58	30.00	33.59
24	26.66	36.00	40.71
30	30.16	45.00	49.76
36	35.06	54.00	58.83
42	42.91	63.00	68.69

Note: English System

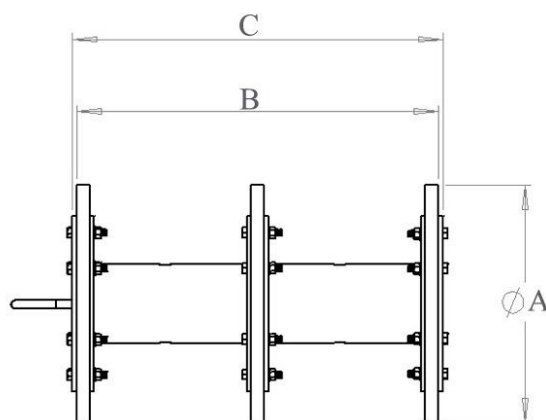
Model LP-BD2-XX



Nom. Dia	A	B	C
6	6.11	9.00	9.25
8	8.23	12.00	12.25
10	10.21	15.00	15.25
12	12.25	18.00	18.25
14	13.61	21.00	21.25
16	15.59	24.00	24.38
18	17.51	27.00	28.75
20	19.55	30.00	30.37
22	21.41	33.00	33.37
24	23.76	36.00	36.38
30	30.32	45.00	45.37
36	35.95	54.00	54.37
42	42.00	63.00	63.37
48	47.77	72.00	72.37

Note: English System

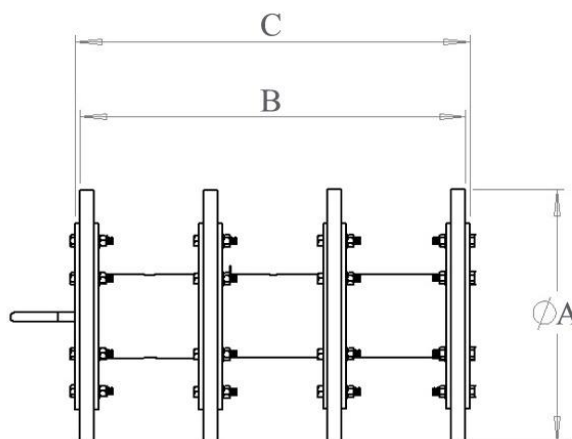
Model LP-BD3-XX



Nom. Dia	A	B	C
6	6.11	9.00	9.25
8	8.23	12.00	12.25
10	10.21	15.00	15.25
12	12.25	18.00	18.50
14	13.61	21.00	21.50
16	15.59	24.00	24.75
18	17.51	27.00	27.75
20	19.55	30.00	30.37
22	21.41	33.00	33.75
24	23.76	36.00	36.75
30	30.32	45.00	45.75
36	35.95	54.00	54.75
42	42.91	63.00	68.73
48	47.77	72.00	72.37

Note: English System

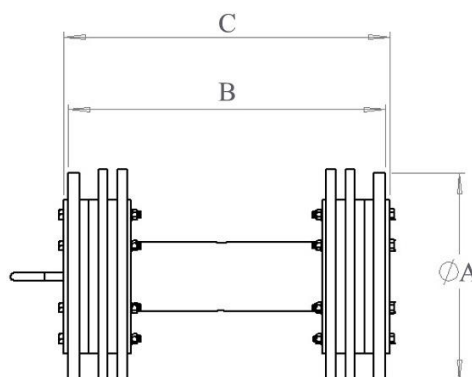
Model LP-BD4-XX



Nom. Dia	A	B	C
6	6.11	9.00	9.25
8	8.23	12.00	12.25
10	10.21	15.00	15.25
12	12.25	18.00	18.25
14	13.61	21.00	21.25
16	15.59	24.00	24.37
18	17.51	27.00	27.37
20	19.55	30.00	30.37
22	21.41	33.00	33.37
24	23.76	36.00	36.39
30	30.32	45.00	45.37
36	35.95	54.00	54.38
42	42.91	63.00	68.69
48	47.77	72.00	72.37

Note: English System

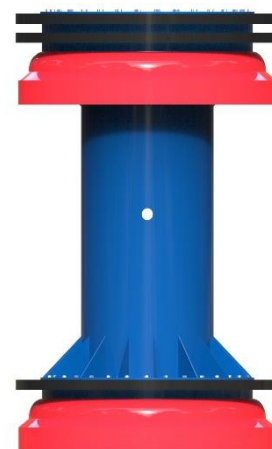
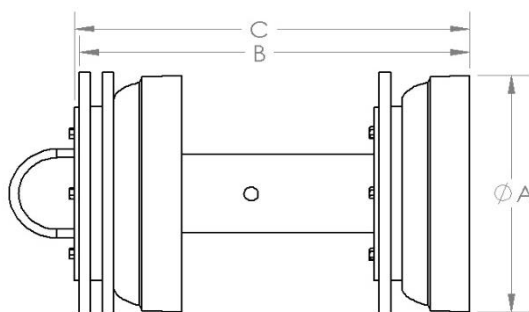
Model LP-BD6-XX



Nom. Dia	A	B	C
6	6.11	8.50	8.75
8	8.23	11.10	11.35
10	10.21	14.00	14.25
12	12.25	16.55	17.05
14	13.61	20.50	21.00
16	15.59	23.03	23.78
18	17.51	25.82	26.57
20	19.55	28.83	29.58
22	21.41	31.43	32.18
24	23.76	34.23	34.98
30	30.32	44.25	45.00
32	32.32	45.80	46.17
36	35.95	51.03	51.78
42	42.00	62.25	63.00
48	47.77	72.00	72.28

Note: English System

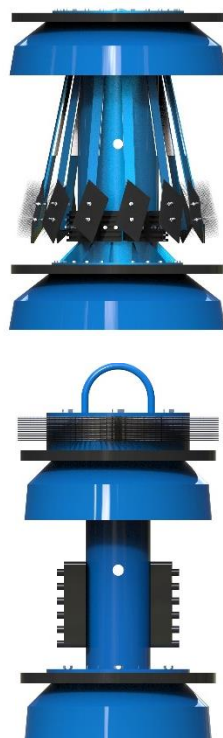
Model LP-UP5-XX



Nom. Dia	A	B	C
6	6.50	9.00	9.25
8	8.30	12.00	12.25
10	10.38	15.00	15.25
12	12.50	18.00	18.25
14	13.69	21.00	21.25
16	15.64	24.00	24.39
18	17.69	27.00	27.37
20	19.80	30.00	30.38
22	21.66	33.00	33.38
24	23.54	36.00	36.38
30	32.38	45.00	45.37
36	35.32	63.00	63.38
48	46.76	72.00	72.38

Note: English System

Cleaning Pigs



Description

Cleaning pigs offer a tool with a long life since all the elements (cups, discs, brushes) can be replaced while maintaining the metal body.

These pigs can be assembled in various configurations with cups, discs or brushes circular and pencil or cantilever to scrape the inner wall of pipe to eliminate deposits.

Typical Uses

A variety of elements can be used to eliminate internal deposits, besides cups, discs and brushes magnets can be added to remove metal deposits.

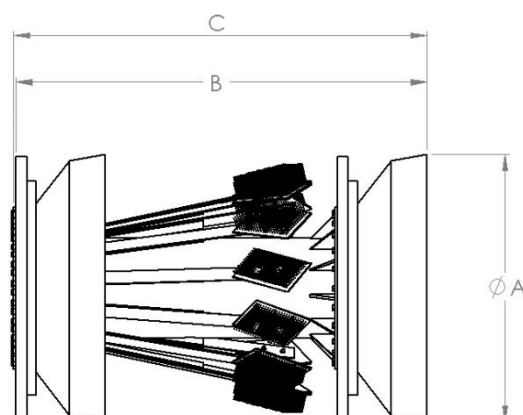
Characteristics

These models offer the operator a cleaning tool assembled with cups-discs made of 80+/-5 shore A.

Elastomeric polyurethane and using grade 5 standard thread bolts and safety nuts with polyethylene packing.

The metal body has front and back handle attachments and has a cavity to house a transmitter (not included) to facilitate the location of the pig during the run.

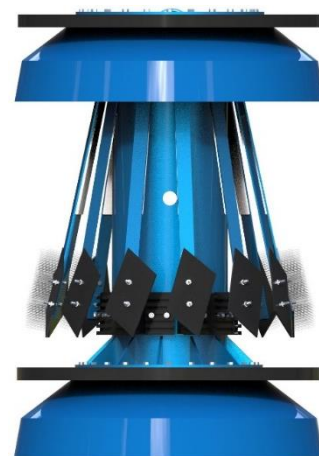
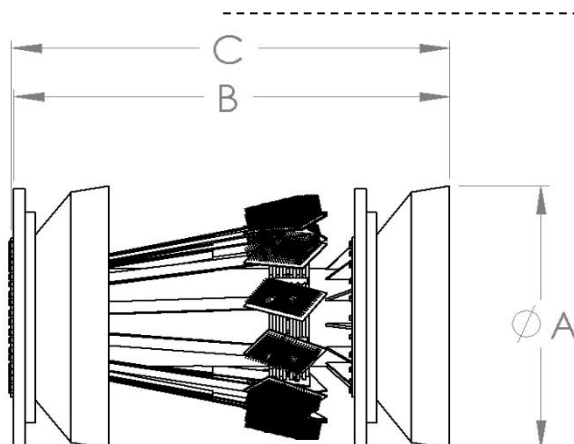
Model LP-UPC-XX



Nom. Dia	A	B	C
6	6.24	9.00	9.25
8	8.37	12.00	12.25
10	10.40	15.00	15.25
12	12.12	18.00	18.25
14	13.74	21.00	21.25
16	16.08	24.00	24.38
18	17.94	27.00	27.37
20	19.88	30.00	30.37
22	22.11	33.00	33.40
24	24.12	36.00	36.38
30	30.00	45.00	45.37
36	36.26	54.00	54.37
42	42.91	63.00	63.37

Note: English System

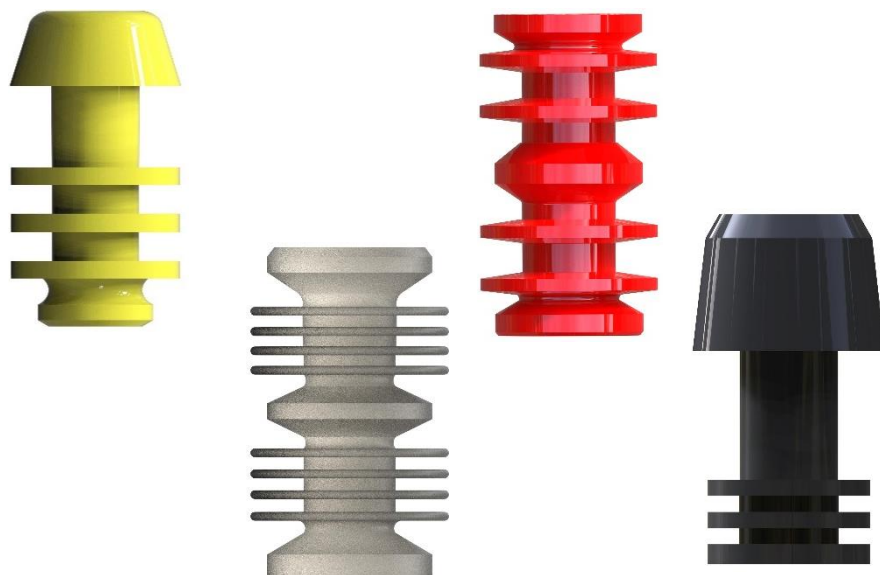
Model LP-UPM-XX



Nom. Dia	A	B	C
6	6.24	9.00	9.25
8	8.37	12.00	12.25
10	10.40	15.00	15.25
12	12.12	18.00	18.25
14	13.74	21.00	21.25
16	16.08	24.00	24.38
18	17.94	27.00	27.37
20	19.88	30.00	30.37
22	22.11	33.00	33.40
24	24.12	36.00	36.38
30	30.00	45.00	45.37
36	36.26	54.00	54.37
42	42.91	63.00	63.37

Note: English System

All-Urethane Pigs



Description

All cast urethane pigs accommodate cups and discs in various configurations in a one piece construction. Cast in your unique resistant formulation offers a long life effective pig.

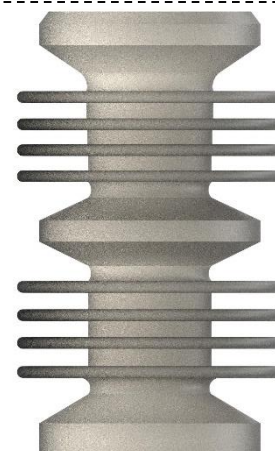
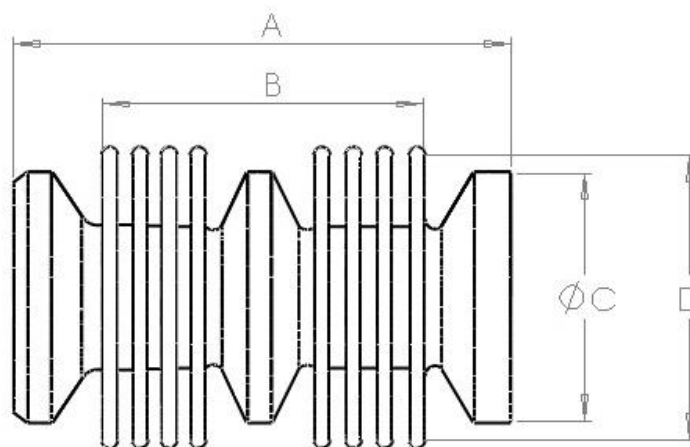
Typical Uses

Because of its unique properties of flexibility, light weight, maintenance free, and one piece construction offers a durable and economic option for applications such as batching, scraping and ability to traverse most valves, bends and accessories.

Characteristics

A versatile tool available in various configurations to accommodate in process lines. Available in several hardnesses and in a food grade formulation.

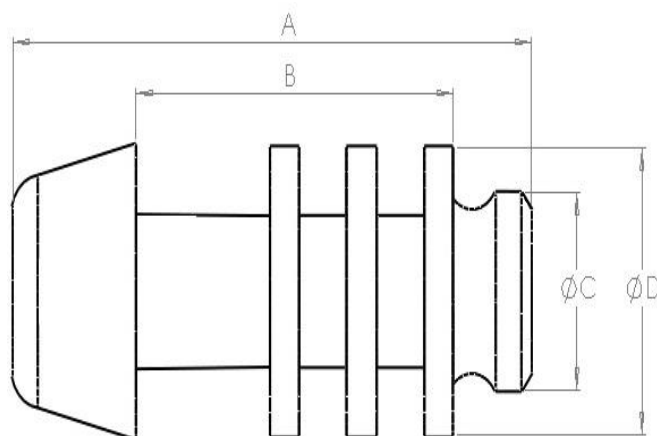
Model LP-PGA-XX



Nom. Dia	A	B	C	D
1.5	3.50	2.75	1.68	1.87
1.5	2.50	2.00	1.31	1.50
2	5.00	3.63	2.00	2.50
2	4.93	4.00	1.68	2.00
3	5.43	3.63	2.31	3.19

Note: English System

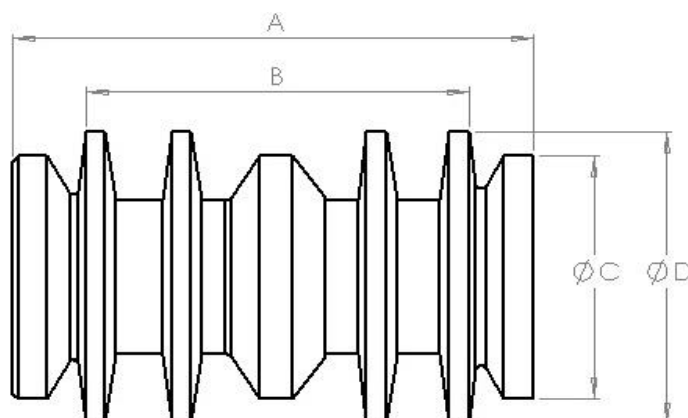
Model LP-PBA-XX



Nom. Dia	A	B	C	D
2	4.500	2.750	1.187	1.812
3	6.250	3.870	1.375	3.125
4.5	7.500	4.625	2.125	4.312
6	9.000	8.375	3.562	6.187
6	10.250	6.250	3.500	6.375

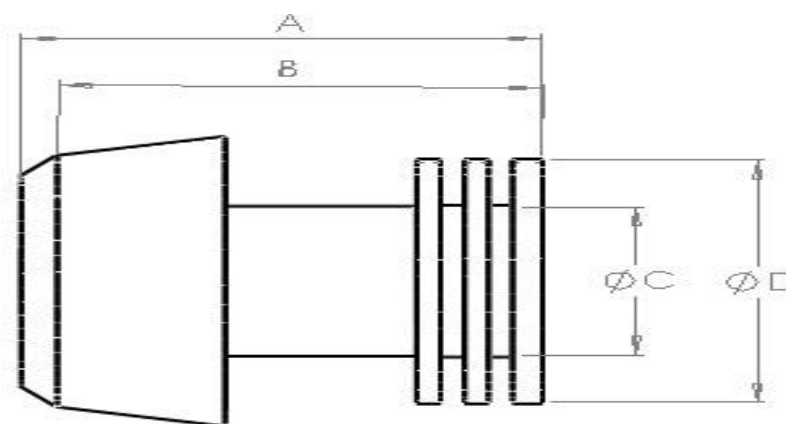
Note: English System

Model LP-PEP-XX



Nom. Dia	A	B	C	D
2	3.375	2.625	1.625	2.000
3	5.375	3.875	2.375	2.875
4	6.937	4.625	3.375	3.312

Note: English System



Nom. Dia	A	B	C	D
6	8.00	7.88	2.50	6.00
8	10.00	9.38	3.00	8.25
10	11.25	10.13	6.00	10.38
12	13.50	12.50	5.75	12.25

Note: English System

- Refaccionamiento [Replacement Components](#)

Replacement Components



Description

Limpro nacional can provide all models of cups and discs compatible with most international pig design.

The above allows the operator to replace worn out elements at a very reasonable price.

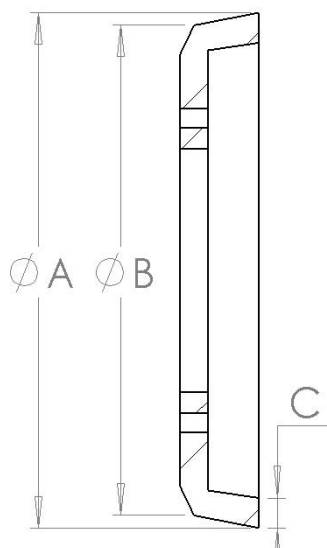
Typical Uses

These pigs can be used in all phase in the life of a line from construction to regular maintenance

With optimum results and cost

Characteristics

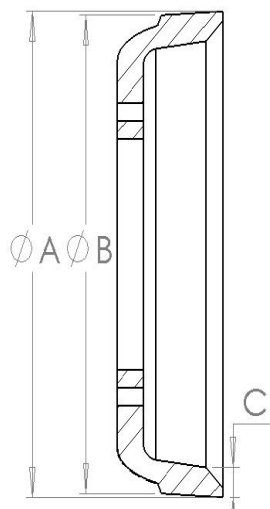
The spare parts we manufactured out of hydrocarbon resistant elastomeric polyurethane. Basic properties hardness 80+/-5 shore a tensile strength 52 MPA, temperature up to 80°C abrasion resistance 0.008 to 0.010 gr/1000 cycles with h18 wheel and rebound 35-55%. Brushes can be metal or plastic for special applications.



Nom. Dia	A	B	C	Number of Holes
3	2.92	2.76	0.15	N/A
4	4.26		0.33	N/A
6	6.25	5.82	0.35	4.00
8	8.37	7.50	0.54	6.00
10	10.40	9.21	0.67	6.00
12	12.12	11.69	0.71	6.00
14	13.74	13.06	0.80	6.00
16	16.13	15.68	0.74	8.00
18	17.94	17.16	1.00	8.00
20	22.11		1.03	12.00
22	22.11		1.04	12.00
24	24.12	23.67	1.13	14.00
30	30.20		1.78	16.00
36	36.26		1.78	22.00
48	44.54	42.91	0.86	32.00

Note: English System

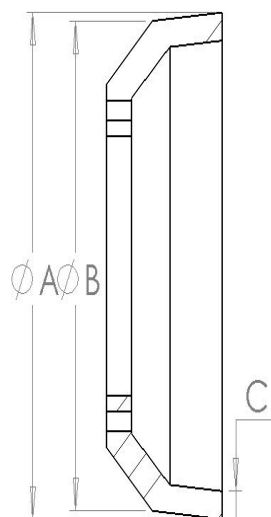
Escraflex Cup Model 26A0XX



Nom. Dia	A	B	C	Number of Holes
3	3.40		0.48	N/A
4	4.37		0.43	N/A
6	6.42	6.29	0.72	4.00
8	8.30	8.13	0.63	4.00
10	10.25		0.70	6.00
12	12.50		0.80	6.00
14	13.69	13.47	0.85	6.00
16	15.64	15.45	0.97	8.00
18	17.69		1.04	8.00
20	19.80		1.22	12.00
22	21.66		1.40	12.00
24	23.54		1.50	14.00
30	29.62		1.47	16.00
36	35.32		1.73	22.00
48	46.76		2.35	32.00

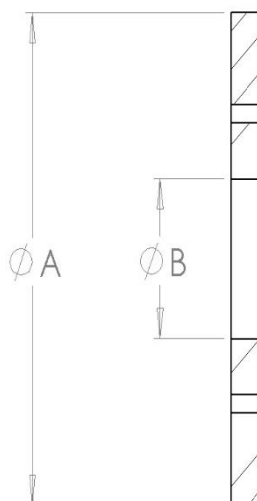
Note: English System

Conical Cup Model 23A0XX



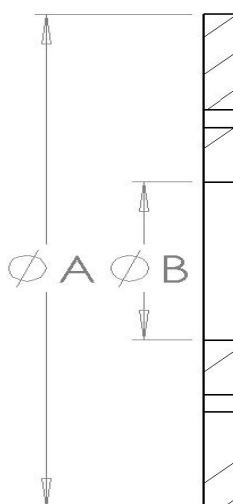
Nom. Dia	A	B	C	Number of Holes
3	3.27	2.67	0.25	N/A
4	4.35	3.91	0.21	N/A
6	6.42	5.71	0.38	4.00
8	8.43	7.80	0.43	4.00
10	10.26	9.52	0.48	6.00
12	10.55	9.71	0.60	6.00
14	13.07	12.63	0.73	6.00
16	16.02	15.13	0.72	8.00
20	19.58	18.71	0.62	12.00
24	23.66	22.61	0.89	14.00
28	28.13	26.44	1.17	16.00
30	30.16	28.16	1.01	16.00
32	32.16	30.15	1.01	16.00
36	35.06	32.99	1.08	22.00
42	42.91	40.89	1.96	24.00

Note: English System



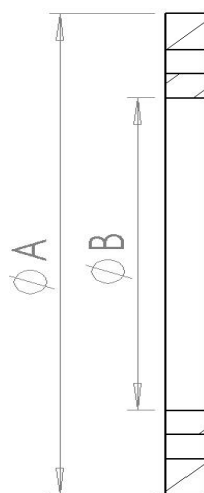
Nom. Dia	A	B	Number of Holes
6	6.11	2.00	4.00
8	8.31	4.00	6.00
10	10.28	4.00	6.00
12	12.38	4.75	6.00
14	13.61	6.50	6.00
16	15.59	9.38	8.00
18	17.63	10.90	8.00
20	19.75	11.00	12.00
22	21.63	11.13	12.00
24	23.94	14.50	14.00
30	30.50	16.50	16.00
32	32.32	17.00	16.00
36	36.25	22.63	24.00
42	42.00	19.00	24.00
48	47.77	33.38	32.00

Note: English System



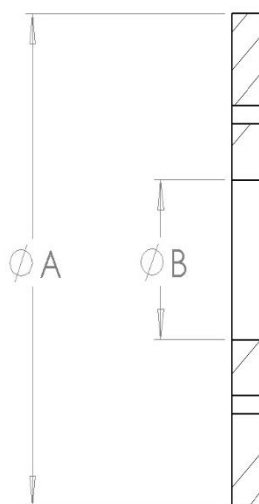
Nom. Dia	A	B	Number of Holes
6	6.65	2.00	4.00
8	8.70	4.00	6.00
10	10.60	3.78	6.00
12	12.63	5.15	6.00
14	14.06	4.50	6.00
16	16.13	9.70	8.00
18	18.25	10.75	8.00
20	20.50	11.00	12.00
22	22.50	11.22	12.00
24	24.50	14.38	14.00
30	32.00	16.50	16.00
32	37.00	22.63	22.00
36	43.25	30.50	32.00
42	43.00	30.50	32.00
48	48.75	32.50	32.00

Note: English System



Nom. Dia	A	B	Number of Holes
6	3.45	1.91	4.00
8	5.60	4.25	6.00
10	5.60	4.25	6.00
12	7.92	4.75	6.00
14	10.02	6.50	6.00
16	12.81	9.38	8.00
18	15.16	11.25	8.00
20	15.31	11.00	12.00
22	15.88	11.25	12.00
24	19.06	14.25	14.00
30	21.53	17.00	16.00
32	23.63	17.00	22.00
36	27.88	22.38	32.00
42	34.50	24.25	32.00
48	38.24	33.38	32.00

Note: English System



Nom. Dia	A	B	Number of Holes
6	6.11	2.00	4.00
8	8.31	4.00	6.00
10	10.28	4.00	6.00
12	12.38	4.75	6.00
14	13.61	6.5	6.00
16	15.59	9.39	8.00
18	17.63	10.90	8.00
20	19.75	11.00	12.00
22	21.63	11.13	12.00
24	23.94	14.50	14.00
30	30.50	16.50	16.00
32	32.32	17.00	16.00
36	36.25	22.63	24.00
42	42.00	19.00	24.00
48	47.77	33.38	32.00

Note: English System

Resistan™



Description

With more than 25 years of experience, Limpro Nacional offers a variety of pieces cast in our tough, abrasion Resistance™ formulation.

Characteristics

Special pieces for your applications can be manufactured in different hardnesses and for different environments. Wear Plates, wheel and noil coverings, screens for shakers (mining), and much more.