

manual valves

Praher S4 Ball Valve

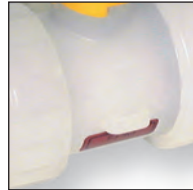


Praher Type S4 Ball Valve

Description: In-line double union ball valve with lockable handle
Mounting: In any position
Maximum Fluid Pressure at 20°C: Sizes 16mm to 75mm - 16bar; Sizes 90mm - 10 bar; 110mm - 6 bar
Fluid Temperature Range: 0°C - 140°C
Construction:
Body: PVDF
Seals: FPM
Seats: PTFE
End Connections: Fusion sockets, fusion spigots, BSP Female Threaded, Flanged BS4504 EN1072 PN10
Option: Silicon-free



Lockable Handle



Tagging Point



Valve Bracket



Actuation

Materials

Body - PVDF
 Ball Seat - PTFE
 Seals - FPM

Sizes

3/8" - 4"/16mm - 110mm

Pressure Rating

3/8"/16mm to 2.1/2"/75mm - 16 bar
 3"/90mm - 10 bar
 4"/110mm - 6 bar

Connections

MM fusion sockets
 MM fusion spigots
 BSP female thread
 Flanged PN10

Features

- Lockable Handle (Lock not supplied)
- True Union design for easy maintenance
- Full bore design
- Tagging point included
- Matched Valve bracket for panel mounting and retrofit actuation.
- Pneumatically and Electrically actuated versions available
- Silicone free on request

MM Fusion Sockets

	Size	Code	Price
FPM Seals	16	12.1449	108.26
PTFE Seats	20	12.1450	110.01
	25	12.1448	141.84
	32	12.1451	181.36
	40	12.1452	240.36
	50	12.1453	340.99
	63	12.1454	471.89
	75	12.1455	807.03
	90	12.1456	1072.80
	110	12.2032	1588.65

BSP Female Threaded

	Size	Code	Price
FPM Seals	3/8	12.2093	115.89
PTFE Seats	1/2	12.1482	117.84
	3/4	12.1483	152.04
	1	12.1484	192.49
	1 1/4	12.1485	253.06
	1 1/2	12.1486	358.58
	2	12.1487	496.34
	2 1/2	12.1488	906.69
	3	12.2349	1393.85

MM Fusion Spigots

	Size	Code	Price
FPM Seals	16	12.2259	108.26
PTFE Seats	20	12.1491	110.01
	25	12.1492	141.84
	32	12.1493	181.36
	40	12.1494	240.36
	50	12.1495	340.99
	63	12.1496	471.89
	75	12.1497	807.03
	90	12.1498	1072.80
	110	12.2012	1588.65

Flanged BS4504 PN10/16

	Size	Code	Price
FPM Seals	1/2	12.2025	212.99
PTFE Seats	3/4	12.2026	304.80
	1	12.2027	375.18
	1 1/4	12.2502	477.77
	1 1/2	12.2503	662.43
	2	12.2504	885.20
	2 1/2	12.2505	1492.91
	3	12.2506	2098.66

Praher Valve Bracket for Type S4 Ball Valves

- For actuator or control panel mounting
- Can be used to provide fixed point mounting to support

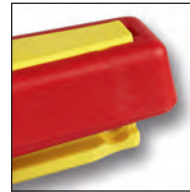
Size	Code	Price
16	17.0279	39.07
20	17.0279	39.07
25	17.0280	41.84
32	17.0281	44.40
40	17.0228	47.36
50	17.0230	49.71
63	17.0232	52.68
75	17.0275	73.61
90	17.0282	82.28
110	17.0282	82.28



Valve shown with bracket

Praher M1 Modular Ball Valve

NEW!



Lockable Handle



Limit Switch Box



Integrated Bracket



Simple Actuation

Features

- Lockable Handle (Lock not supplied)
- True Union design for easy maintenance
- Buttress thread on union
- Full bore design
- Integrated fixing points
- Limit switch box for position feedback available
- Modular adaptor set available for actuators or limit switches

Materials

Body - PVDF
 Ball Seat - PTFE
 Seals - EPDM or FPM

Sizes

16mm - 63mm

Pressure Rating

16 bar

Connections

Fusion Sockets
 Fusion Spigots

M1 Ball Valve Manual



MM Fusion Sockets

EPDM Seals - PTFE Seats

Size	Code	Price
16	12.4091	108.26
20	12.4092	110.01
25	12.4093	141.84
32	12.4094	181.36
40	12.4095	240.36
50	12.4096	340.99
63	12.4097	471.89

M1 Ball Valve Manual



MM Fusion Spigots

FPM Seals - PTFE Seats

Size	Code	Price
16	12.4105	108.26
20	12.4106	110.01
25	12.4107	141.84
32	12.4108	181.36
40	12.4109	240.36
50	12.4110	340.99
63	12.4111	471.89

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Praher Type S4 T & L-Port Ball Valve

Description: In-line horizontal T-port or L-port ball valve with lockable handle and union ends

Mounting: In any position

Maximum Fluid Pressure at 20°C: 16 bar

Fluid Temperature Range: 0°C - 140°C

Construction:

Body: PVDF

Seals: FPM

Seats: PTFE

End Connections: Fusion sockets or fusion spigots



T-Port Ball Valve

MM Fusion Sockets

	Size	Code	Price
FPM Seals	16	124918	265.76
PTFE Seats	20	124922	284.33
	25	125030	351.72
	32	124926	441.64
	40	125032	534.47
	50	124930	351.72
	63	124934	926.23

MM Fusion Spigots

	Size	Code	Price
FPM Seals	16	124920	265.76
PTFE Seats	20	124924	284.33
	25	125034	351.72
	32	124928	441.64
	40	125036	534.47
	50	124932	662.43
	63	124936	926.23

L-Port Ball Valve

MM Fusion Sockets

	Size	Code	Price
FPM Seals	16	124919	265.76
PTFE Seats	20	124923	284.33
	25	125031	351.72
	32	124927	441.64
	40	125033	534.47
	50	124931	662.43
	63	124935	926.23

MM Fusion Spigots

	Size	Code	Price
FPM Seals	16	124921	265.76
PTFE Seats	20	124925	284.33
	25	125035	351.72
	32	124929	441.64
	40	125037	534.47
	50	124933	662.43
	63	124937	926.23

Praher Type S4 Ball Valve with Actuator Adaptor Kit

FPM Seals

Size	Code	Price
16	122.433	211.30
20	122.434	213.02
25	122.435	253.60
32	122.436	302.62
40	122.437	388.85
50	122.438	595.12
63	122.439	789.55
75	122.440	1098.93
90	122.441	1428.60
110	122.442	2045.68

Prices on request for alternative end connections



Praher Laboratory/Sampling Ball Valve

Description: In-line ball valve for laboratory or sampling use

Mounting: In any position

Maximum Fluid Pressure at 20°C: 10 bar

Fluid Temperature Range: 0°C - 120°C

Construction:

Body: PVDF

Seals: FPM

Seats: PTFE

End Connections: 1/4" R or NPT Threaded; Hose Connection included



Valve with R/NPT Adaptor and Plug

	Size	Code	Price
R Male x Female	1/4	12.2459	34.59
NPT Male x Female	1/4	12.2460	36.74

Hose Nozzle

	Size	Code	Price
BSP Male	1/4	141.145	15.86
NPT Male	1/4	140.205	15.86

ASV Stubbe Gauge Guard

Description: Pressure gauge connector with isolating diaphragm

Mounting: In any position

Maximum Fluid Pressure at 20°C: 10 bar

Fluid Temperature Range: 0°C-120°C

Construction:

Body: PVDF

Diaphragm: PTFE (EPDM backed)

End Connections: Fusion Spigots, NPT Female Threaded

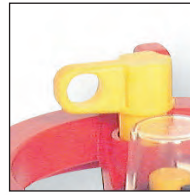
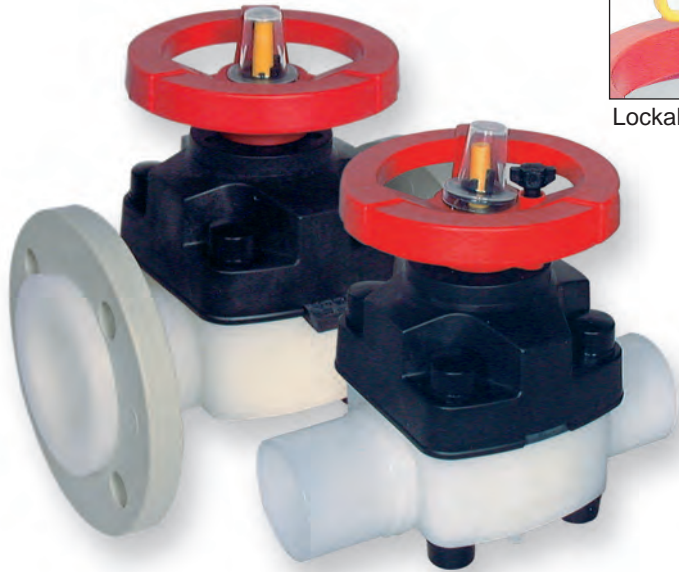


Please note: gauge not included.

Size	Code	Price
25x1/4x1/4"	212978	153.11
32x1/2x1/2"	212991	153.11

Size	Code	Price
1/4x1/4"	212998	160.31
1/2x1/2"	213002	160.31

Praher T4 Diaphragm Valve



Lockable Handle



Visual Position Indicator



Optional Valve Support Plates

General

Sealing material: EPDM / EPDM-PTFE / FPM

Body material: PVDF

Dimensions: DN 15/d 20 - DN125/d140

Operating Pressure

DN 15 / 1/2" - DN 125 / 5" 10 bar

Connections

PVDF union sockets 20mm-63mm

PVDF fusion spigots 20mm-110mm

Flanged PN10 20mm-140mm

Technical Specification

For example:
 TYPE PRAHER, DIN 2403
 PVDF Diaphragm valve T4 DN 15 d20
 PVDF mm fusion spigot
 Sealing material EPDM-PTFE
 Safety gear wheel
 Max. Operating pressure 10 bar

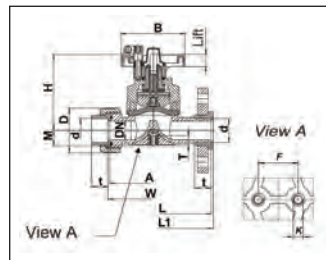


Features

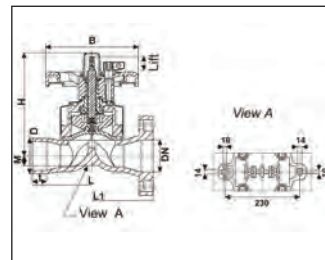
- Safety gear wheel
- Corrosion Resistant
- Maintenance free operation over a long working life
- Suitable for aggressive and dirty media
- Radial installation or removal
- Easy replacement of the diaphragms

Valve Dimensions

DN 15 - DN 50



DN 65 - DN 80



d	20	25	32	40	50	63	75	90	110	140
DN	15	20	25	32	40	50	65	80	100	125
G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"
M	16.5	16.5	20.1	31.5	31.5	38.6	25.0	25.0	25.0	25.0
H	100.0	100.0	107.0	144.0	144.0	170.0	260.0	260.0	330.0	330.0
B	86.0	86.0	86.0	136.0	136.0	136.0	234.0	234.0	234.0	234.0
F	24.5	24.5	24.5	43.5	43.5	43.5	-	-	-	-
Lift	9.0	9.0	11.0	22.0	22.0	28.0	35.0	35.0	45.0	45.0
K	M6	M6	M6	M8	M8	M8	-	-	-	-
L	124.0	144.0	154.0	174.0	194.0	224.0	284.0	300.0	340.0	-
L1	130.0	150.0	160.0	180.0	200.0	230.0	-	310.0	350.0	400.0
T	12.0	12.0	12.0	15.0	15.0	15.0	-	-	-	-
t	28.5	36.0	36.0	38.5	46.0	46.0	37.0	37.0	50.0	-
PN	10	10	10	10	10	10	10	10	10	10

Dimensions in mm

Praher Type T4 Diaphragm Valve

Description: In-line diaphragm valve with position indicator

Mounting: In any position

Maximum Fluid Pressure at 20°C: 10 bar

Fluid Temperature Range: 0°C - 120°C

Construction:

Body: PVDF

Diaphragm: PTFE (EPDM backed), FPM or EPDM

End Connections: Union Sockets, Fusion Spigots, Flanged (on request)

Option: Silicon-free



MM Fusion Spigots

PTFE Diaphragm

Size	Code	Price
20	12.2798	237.42
25	12.2799	254.04
32	12.2800	295.07
40	12.2801	438.70
50	12.2802	481.69
63	12.2803	628.23
75	12.0184	1356.12
90	12.0185	1717.61
110	12.0917	2073.25

Flanged BS4504 PN10

PTFE Diaphragm

Size	Code	Price
1/2/20	12.0261	270.66
3/4/25	12.0265	271.61
1/32	12.0270	325.36
1 1/4/40	12.0271	491.48
1 1/2/50	12.0272	534.47
2/63	12.0273	657.54
2 1/2/75	12.0274	1186.10
3/90	12.0275	2036.12
4/110	12.0921	2141.64
5/140	12.0922	5567.12

MM Union Sockets

PTFE Diaphragm

Size	Code	Price
20	12.5074	287.24
25	12.5075	297.02
32	12.5076	340.01
40	12.5077	529.54
50	12.5078	586.24
63	12.5079	795.29

Spare PTFE Diaphragm

Size	Code	Price
20	05.0473	58.37
25	05.0473	58.37
32	05.0474	65.50
40	05.0475	81.28
50	05.0475	81.28
63	05.0476	91.96
75	12.0918	447.89
90	12.0918	447.89
110	12.0919	516.66
140	12.0919	516.66

Also available with EPDM or FPM diaphragms.
Please enquire for details.

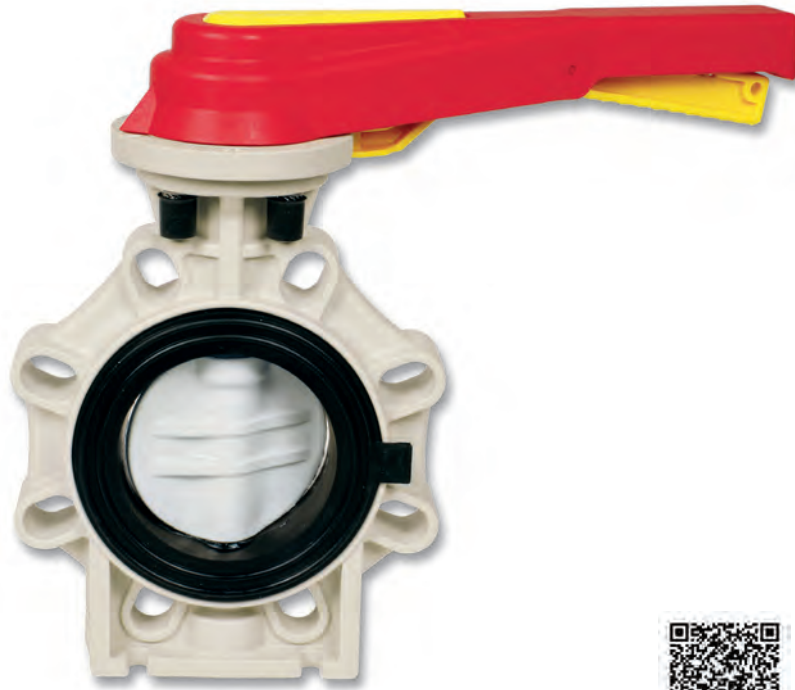
Diaphragm Valve Mounting Plate

- Ensures clearance of union nut from mounting surface
- Complete with two fixing screws

Valve Size	Thickness (mm)	Code	Price
20	16.0	14.0103	7.30
25	23.0	14.0102	7.30
32	23.0	14.0102	7.30
40	18.5	14.0123	11.87
50	23.5	14.0109	11.87
63	23.5	14.0109	11.87



Praher K4 Butterfly Valve



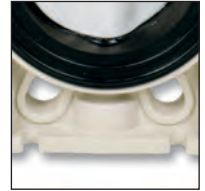
Locking Handle



Universal Drilling



PP-GF Body
PVDF disc



Support Lugs in
Base



Features

- Only Body Seal and Disc in contact with media
- Double sealed shaft
- Valve support lugs in base
- Direct actuator mounting
- Low torque operation
- Multi-position Lockable Handle
- Manual or Gear operation
- All sizes PN10 rated
- Universal drilling - can be used with DIN, ANSI, BS and JIS flanges

Materials

Body - PP-GF
Disc - PVDF
Seals - FPM

Sizes

2 1/2"/75mm - 8"/225mm

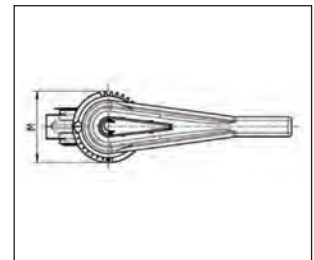
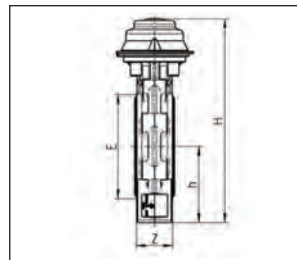
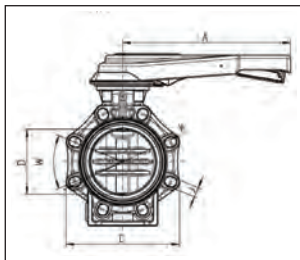
Pressure Rating

PN10

Connections

Between flanges, universal drilled

Valve Dimensions



Size	2 1/2"/75	3"/90	4"/110	6"/160	8"/225
A	230	230	300	386	386
D	65	80	100	150	200
C	133	176	206	261	314
W	90°	45°	45°	45°	45°
J	19	19	19	23	23
K	127-145	146-160	175-190.5	234.5-241.3	290-298.5
H	285	292	322	396	458
h	100	100	115	147.5	175
E	98	116	146	196	251
M	114	114	114	150	150
Z	46	49	56	70	71
PN	10 bar	10 bar	10 bar	10 bar	10 bar

Dimensions in mm

Praher Type K4 Butterfly Valve

Description: Lug style butterfly valve with universal drilling for mounting between flanges. (DIN, ANSI & BS)

Construction:

Body: PP-GF

Disc: PVDF

Seals: FPM

Pressure rating: PN10

Size: 2½"/75mm - 8"/225mm



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Lever Operated

FPM Seals

Size	Code	Price
2½"/75	12.5880	598.94
3"/90	12.5881	832.03
4"/110	12.5882	810.68
5"/140	12.8460	1050.70
6"/160	12.5883	1187.43
8"/225	12.5884	1611.50



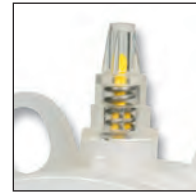
Gear Operated

FPM Seals

Size	Code	Price
2½"/75	12.6030	878.68
3"/90	12.6031	1014.28
4"/110	12.6032	1076.88
5"/140	12.8765	1370.04
6"/160	12.6033	1460.12
8"/225	12.6034	1884.19

manual valves

Praher K4 Check Valve



Visual Position Indicator



Universal Drilling



85° Max Opening

Materials

Body - PVDF
Disc - PVDF
Seals - FPM

Sizes

2 1/2"/75mm - 10"/250mm

Pressure Rating

PN10

Connections

Between flanges, universal drilled

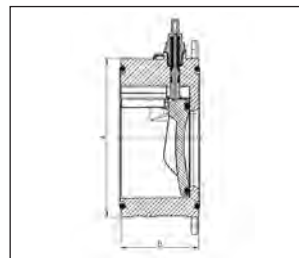
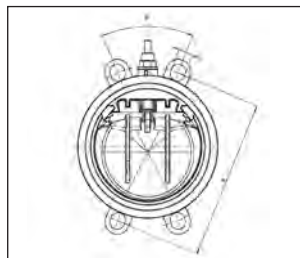
Features

- Excellent Flow Rates
- Wide opening (85%)
- Low pressure drop
- Visual open-closed indicator
- Spring return
- All sizes PN10 rated
- Universal drilling - can be used with DIN, ANSI, BS and JIS flanges

Tightening torque for flange connections

DN	65	80	100	150	200	250	300
Nm	15	18	20	40	55	60	65

Valve Dimensions



DN	A	B	C	K	W
65	115	63	20	139-145	90°
80	128	71	20	150-160	45°
100	155	80	20	175-191	45°
150	212	106	24	234-242	45°
200	264	140	24	290-299	45°
250	325	140	27	350-362	30°

Dimensions in mm

Praher Type K4 Check Valve

Description: Lug style check valve with universal drilling for mounting between flanges. (DIN, ANSI & BS)

Construction:

Body: PVDF

Seals: FPM

Pressure rating: PN10

Size: 2 1/2"/75mm - 10"/250mm



	Size	Code	Price
FPM Seals	2 1/2"/75	12.5853	655.90
	3"/90	12.5854A	763.70
	4"/110	12.5855A	914.23
	6"/160	12.5856	1320.91
	8"/225	12.5857	2615.05
	10"/250	12.5858	4729.83

Kv Value Table		
Pressure Lost	1 bar	0.001 bar
DN 80	2958 l/min	94 l/min
DN 100	5633 l/min	178 l/min
DN 150	12466 l/min	394 l/min
DN 200	21166 l/min	699 l/min

Pressure loss based on maximum opening of 85%

Praher Type S4 Check (Non-Return) Valve

Description: In-line spring weighted cone check valve

Mounting: In any position

Maximum Fluid Pressure at 20°C: Sizes 16mm to 75mm - 16 bar;
 Sizes 90mm to 110mm - 10 bar

Fluid Temperature Range: 0°C - 120°C

Construction:

Body: PVDF

Seals: FPM

Spring: Stainless steel sleeved in PTFE

End Connections: Fusion sockets, fusion spigots or BSP Female Threaded



MM Fusion Sockets

FPM Seals

Size	Code	Price
16	12.1658	106.83
20	12.1659	162.78
25	12.1660	205.17
32	12.1661	241.33
40	12.1662	352.74
50	12.1663	453.34
63	12.1664	609.67
75	12.1665	883.21
90	12.1666	1162.64
110	12.2350	1623.83

MM Fusion Spigots

FPM Seals

Size	Code	Price
16	12.1676	160.83
20	12.1677	162.78
25	12.1678	208.17
32	12.1679	241.33
40	12.1680	352.74
50	12.1681	453.34
63	12.1682	609.67
75	12.1683	883.21
90	12.1684	1162.64
110	12.2351	1623.83

BSP Female Threaded

FPM Seals

Size	Code	Price
3/8	12.1667	168.26
1/2	12.1668	170.19
3/4	12.1669	214.95
1	12.1670	252.07
1 1/4	12.1671	365.40
1 1/2	12.1672	470.91
2	12.1673	633.12
2 1/2	12.1674	886.37
3	12.1675	1177.34

Need advice?

Our expert team are here to help.
 Call our freephone:

0800 975 79 71

Or from outside of the UK:
 +44 191 521 3111



Praher Type S4 Wafer Check Valve

Description: Wafer style flap check valve

Mounting: In any position, between flanges to BS4504 EN1072 PN10.

Optional spring return for mounting in horizontal position or for pulsating flow.

Maximum Fluid Pressure at 20°C: 10 bar

Fluid Temperature Range: 0°C - 120°C

Construction:

Body: PVDF

Seals: FPM

Spring (optional): Stainless Steel or hastelloy

End Connections: Flange mounted (flanges not included)



No Spring Return

FPM Seals	Size	Code	Price
	1 1/4"/40	07.0194	230.58
	1 1/2"/50	07.0204	236.44
	2"/63	07.0044	255.01
	2 1/2"/75	07.0054	295.07
	3"/90	07.0064	354.66
	4"/110	07.0074	488.52
	5"/140	07.0084	658.50
	6"/160	07.0094	928.18
	8"/225	07.0104	2211.98
	10"/280	07.0114	2481.65

Stainless Steel Spring Return

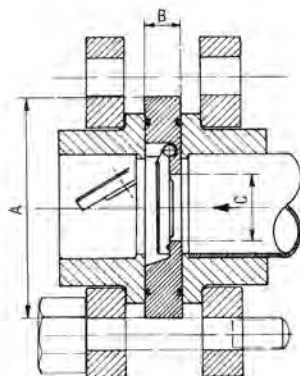
FPM Seals	Size	Code	Price
	1 1/4"/40	07.0195	321.47
	1 1/2"/50	07.0202	326.31
	2"/63	07.0045	348.81
	2 1/2"/75	07.0055	393.72
	3"/90	07.0065	463.11
	4"/110	07.0075	602.83
	5"/140	07.0085	817.80
	6"/160	07.0095	1012.22
	8"/225	07.0105	2266.70
	10"/280	07.0115	2563.72

Hastelloy Spring Return

FPM Seals	Size	Code	Price
	1 1/4"/40		
	1 1/2"/50		
	2"/63		
	2 1/2"/75		
	3"/90		
	4"/110		
	5"/140		
	6"/160		
	8"/225		
	10"/280		

on application

DIMENSIONS (mm)



D	DN	A	B	C
63	50	109	18	32
75	65	129	20	40
90	80	144	20	52
110	100	164	23	70
140	125	195	23	92
160	150	220	26	112
225	200	275	35	150
280	250	330	40	190