



INDUSTRIAL

POLYPROPYLENE (PP)
PIPING SYSTEMS FOR
INDUSTRIAL APPLICATIONS



 **agru**
The Plastics Experts.

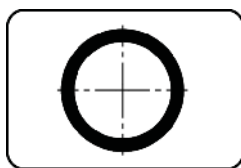
www.agru.at

PP INDUSTRIEROHRSYSTEM
PP INDUSTRIAL PIPING SYSTEM



ROHRE
PIPES

Seite
page



Code: 12.705

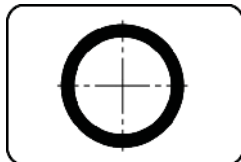
Rohr 5m

Pipe 5m

extrudiert
PPH grau

extruded
PPH grey

13



Code: 11.705

Rohr 5m

Pipe 5m

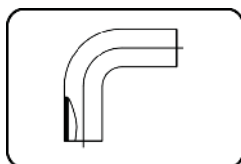
extrudiert
PPR grau

extruded
PPR grey

18

MULTI FITTINGS
MULTI FITTINGS

Seite
page



Code: 068

MULTI-Bogen 90°

MULTI-Bend 90°

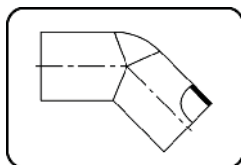
lange Schenkel
formgespritzt
PPR grau

long spigot
injection moulded
PPR grey

19

VERLÄNGERTE FITTINGS
ELONGATED FITTINGS

Seite
page



Code: 060

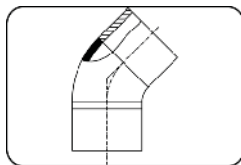
Winkel 45°

Elbow 45°

lange Schenkel
formgespritzt
PPR grau

long spigot
injection moulded
PPR grey

20



Code: 001.20

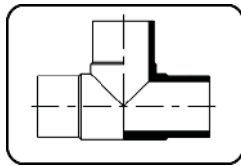
Bogen 45°

Bend 45°

300mm beidseitig verlängert
formgespritzt+geschweisst
PP grau

300mm both sides elongated
injection moulded+welded
PP grey

21



Code: 066

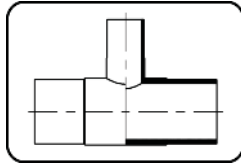
T-Stück

Tee

lange Schenkel
formgespritzt
PPR grau

long spigot
injection moulded
PPR grey

22



Code: 065

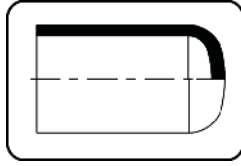
T-Stück reduziert

Tee reduced

lange Schenkel
formgespritzt
PPR grau

long spigot
injection moulded
PPR grey

23



Code: 064

Endkappe

End Cap

lange Schenkel
formgespritzt
PPR grau

long spigot
injection moulded
PPR grey

25

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

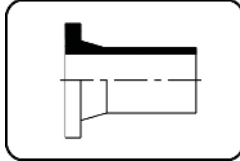
DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

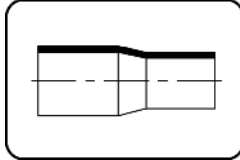
SCHWEISSEN
WELDING



Code: 062

Vorschweissbund DINlange Schenkel
formgespritzt
PPR grau**Stub Flange DIN**long spigot
injection moulded
PPR grey

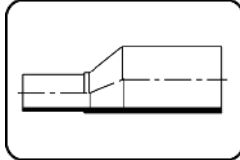
26



Code: 067

Reduktion konzentrischlange Schenkel
formgespritzt
PPR grau**Reducer concentric**long spigot
injection moulded
PPR grey

27



Code: 069

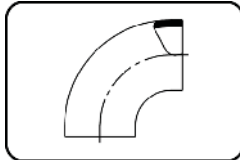
Reduktion exzentrischlange Schenkel
formgespritzt
PPR grau**Reducer excentric**long spigot
injection moulded
PPR grey

29

KURZSCHENKELIGE FITTINGS

FITTINGS WITH SHORT SPIGOT

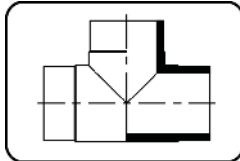
Seite
page



Code: 001

Bogen 90°kurze Schenkel
formgespritzt
PPR grau**Bend 90°**short spigot
injection moulded
PPR grey

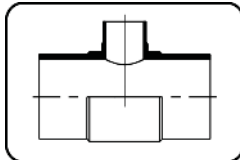
30



Code: 006

T-Stückkurze Schenkel
formgespritzt
PPR grau**Tee**short spigot
injection moulded
PPR grey

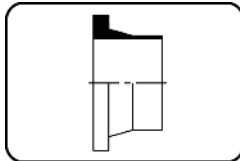
31



Code: 016

T-Stück reduziertkurze Schenkel
formgespritzt
PPR grau**Tee reduced**short spigot
injection moulded
PPR grey

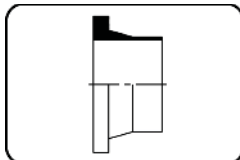
33



Code: 012

Vorschweissbund DINkurze Schenkel
formgespritzt
PPR grau**Stub Flange DIN**short spigot
injection moulded
PPR grey

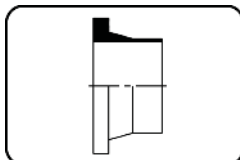
34



Code: 012.1

Vorschweissbund ANSIkurze Schenkel
formgespritzt
PPR grau**Stub Flange ANSI**short spigot
injection moulded
PPR grey

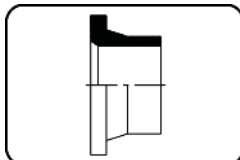
36



Code: 012.2

Vorschweissbund JISkurze Schenkel
formgespritzt
PPR grau**Stub Flange JIS**short spigot
injection moulded
PPR grey

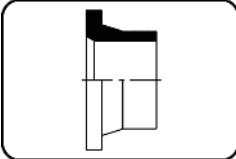
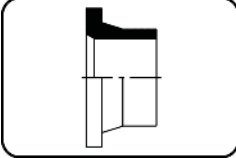
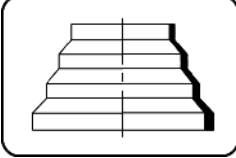
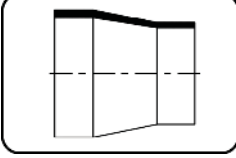
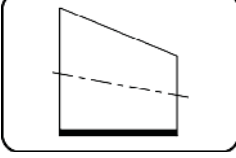
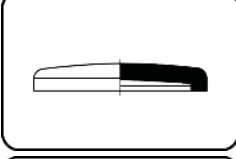
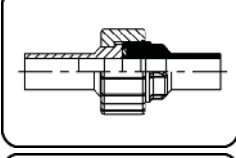
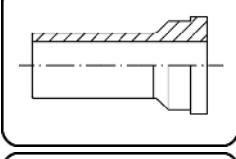
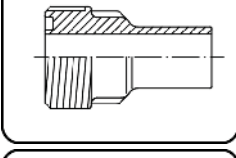
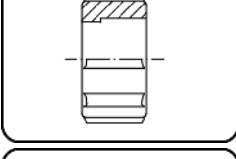
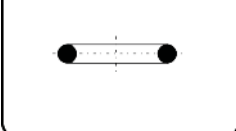
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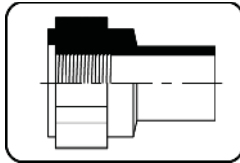


Code: 012.9

Armaturenbund DINfür Absperrklappen
formgespritzt+ausgedreht
PPR grau**Chamfered Stub Flange DIN**for butterfly valves
injection moulded+chamfered
PPR grey

38

	Code: 312.9 Armaturenband DIN für Absperrklappen mechanisch gefertigt PPR grau	Chamfered Stub Flange DIN for butterfly valves machined PPR grey	39
	Code: 012.7 Armaturenband ANSI für Absperrklappen formgespritzt+ausgedreht PPR grau	Chamfered Stub Flange ANSI for butterfly valves injection moulded+chamfered PPR grey	40
	Code: 007 Reduktion konzentrisch kurze Schenkel formgespritzt PPR grau	Reducer concentric short spigot injection moulded PPR grey	41
	Code: 009 Reduktion konzentrisch kurze Schenkel PPR grau	Reducer concentric short spigot PPR grey	42
	Code: 005 Reduktion exzentrisch kurze Schenkel formgespritzt PPR grau	Reducer excentric short spigot injection moulded PPR grey	45
	Code: 004 Endkappe kurze Schenkel formgespritzt PPR grau	End Cap short spigot injection moulded PPR grey	45
	Code: 024 Verschraubung Typ 24 FPM-Dichtung formgespritzt PPR grau	Union Type 24 FPM-sealing injection moulded PPR grey	46
	Code: 024.2 Einlegeteil Ersatzteil Verschraubung 024 formgespritzt PPR grau	Union end spare part Union 024 injection moulded PPR grey	46
	Code: 024.3 Einschraubteil Ersatzteil Verschraubung 024 formgespritzt PPR grau	Union bush spare part Union 024 injection moulded PPR grey	47
	Code: 024.4 Überwurfmutter Ersatzteil Verschraubung 024 formgespritzt PP-GFK grau	Union nut spare part Union 024 injection moulded PP-FRP grey	47
	Code: 380 O-Ring Dichtung FPM Ersatzteil Verschraubung 024 FPM	O-Ring Sealing FPM spare part Union 024 FPM	48

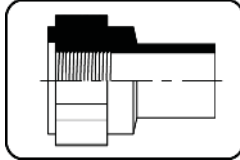
MINELINE
MINELINE

Code: 032

Adapter Innengewinde
R-Gewinde/GFK-verstärkt
formgespritzt
PPR grau

Adaptor Female Thread
R-thread/FRP-reinforced
injection moulded
PPR grey

48

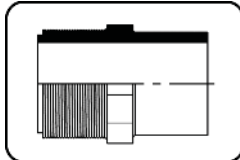
PPS
PPS

Code: 032.1

Adapter Innengewinde
NPT-Gewinde/GFK-verstärkt
formgespritzt
PPR grau

Adaptor Female Thread
NPT-thread/FRP-reinforced
injection moulded
PPR grey

49

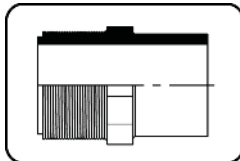
PPS-ESD EL
PPS-ESD EL

Code: 033

Adapter Aussengewinde
R-Gewinde
formgespritzt
PPR grau

Adaptor Male Thread
R-thread
injection moulded
PPR grey

49

PPR-LINER
PPR-LINER

Code: 033.1

Adapter Aussengewinde
NPT-Gewinde
formgespritzt
PPR grau

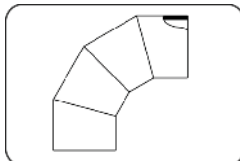
Adaptor Male Thread
NPT-thread
injection moulded
PPR grey

50

PEHD-ESD EL
HDPE-ESD EL

SEGMENTIERTE FITTINGS

SEGMENTED FITTINGS

Seite
pagePVDF
PVDF

Code: 331

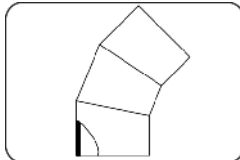
Bogen 90°
segmentiert/Innenwulst entf.

PPH grau

Bend 90°
segmented/inside bead removed

PPH grey

51

ECTFE
ECTFE

Code: 330

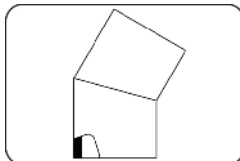
Bogen 45°
segmentiert/Innenwulst entf.

PPH grau

Bend 45°
segmented/inside bead removed

PPH grey

52

DOPPELROHR
DUAL PIPE

Code: 329

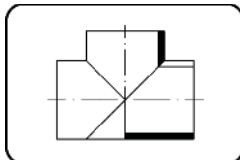
Bogen 30°
segmentiert/Innenwulst entf.

PPH grau

Bend 30°
segmented/inside bead removed

PPH grey

53

COOLSAFE
COOLSAFE

Code: 326

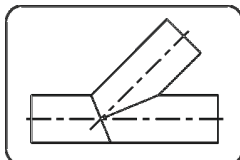
T-Stück
segmentiert/Innenwulst entf.

PPH grau

Tee
segmented/inside bead removed

PPH grey

54

ZUBEHÖR
ACCESSORIES

Code: 325

T-Stück 45°
segmentiert

PPH grau

Tee 45°
segmented

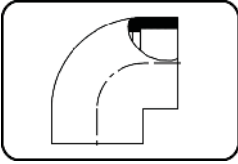
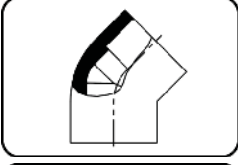
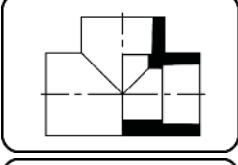
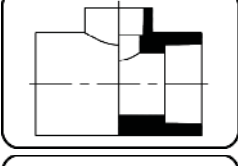
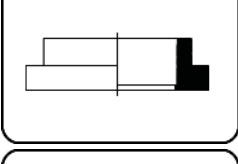
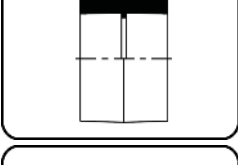
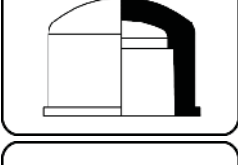
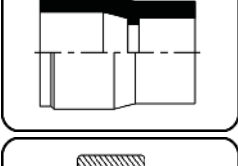
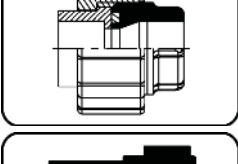
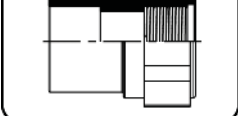
PPH grey

55

SEAL CLEAN
SEAL CLEANSCHWEISSEN
WELDING

MUFFENSCHWEISS-FITTINGS
FITTINGS FOR SOCKET WELDING

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	Code: 051 Winkel 90°	Elbow 90°	formgespritzt PPR grau	injection moulded PPR grey	57
	Code: 050 Winkel 45°	Elbow 45°	formgespritzt PPR grau	injection moulded PPR grey	57
	Code: 056 T-Stück	Tee	formgespritzt PPR grau	injection moulded PPR grey	58
	Code: 055 T-Stück reduziert	Tee reduced	formgespritzt PPR grau	injection moulded PPR grey	59
	Code: 052 Bundbuchse DIN	Flange adaptor DIN	formgespritzt PPR grau	injection moulded PPR grey	60
	Code: 053 Muffe	Socket	formgespritzt PPR grau	injection moulded PPR grey	61
	Code: 054 Endkappe	End Cap	formgespritzt PPR grau	injection moulded PPR grey	61
	Code: 057 Reduktion konzentrisch	Reducer concentric	formgespritzt PPR grau	injection moulded PPR grey	62
	Code: 024.11 Verschraubung Typ 24 FPM-Dichtung formgespritzt PPR grau	Union Type 24 FPM-sealing injection moulded PPR grey			63
	Code: 034 Adapter Innengewinde R-Gewinde formgespritzt PPR grau	Adaptor Female Thread R-thread injection moulded PPR grey			63

PP
PP
MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

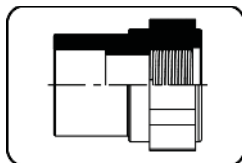
DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

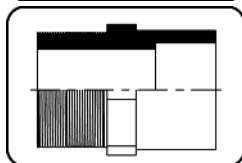
SCHWEISSEN
WELDING

MINELINE
MINELINE

Code: 034.1

Adapter InnengewindeNPT-Gewinde
formgespritzt
PPR grau**Adaptor Female Thread**NPT-thread
injection moulded
PPR grey

64

PPS
PPS

Code: 035

Adapter AussengewindeR-Gewinde
formgespritzt
PPR grau**Adaptor Male Thread**R-thread
injection moulded
PPR grey

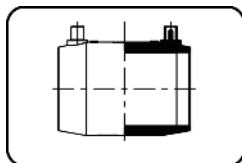
64

PPS-ESD EL
PPS-ESD EL

Code: 035.1

Adapter AussengewindeNPT-Gewinde
formgespritzt
PPR grau**Adaptor Male Thread**NPT-thread
injection moulded
PPR grey

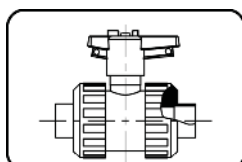
65

PPR-LINER
PPR-LINER**E-SCHWEISSBARE FITTINGS****ELECTRO FUSION FITTINGS****Seite****page**PEHD-ESD EL
HDPE-ESD EL

Code: 173

E-Muffeformgespritzt
PPR grau**E-Coupler**injection moulded
PPR grey

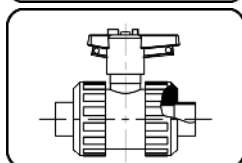
66

PVDF
PVDF**VENTILE
VALVES****Seite****page**ECTFE
ECTFE

Code: 335.12

KugelhahnEPDM-Dichtung
formgespritzt
PP grau**Ball Valve**EPDM-sealing
injection moulded
PP grey

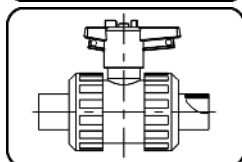
67

DOPPELROHR
DUAL PIPE

Code: 335.13

KugelhahnFPM-Dichtung
formgespritzt
PP grau**Ball Valve**FPM-sealing
injection moulded
PP grey

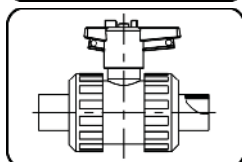
67

COOLSAFE
COOLSAFE

Code: 335.14

KugelhahnEPDM-Dichtung
formgespritzt
PP grau**Ball Valve**EPDM-sealing
injection moulded
PP grey

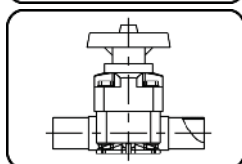
68

ZUBEHÖR
ACCESSORIES

Code: 335.15

KugelhahnFPM-Dichtung
formgespritzt
PP grau**Ball Valve**FPM-sealing
injection moulded
PP grey

68

SEAL CLEAN
SEAL CLEAN

Code: 342.14

Membranventil

handgesteuert

Diaphragm Valve

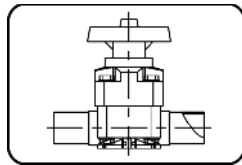
manually controlled

PP grau

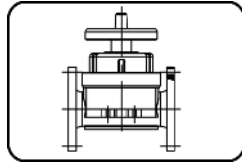
PP grey

69

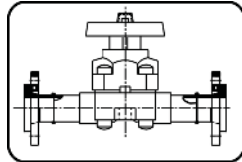
SCHWEISSEN
WELDING



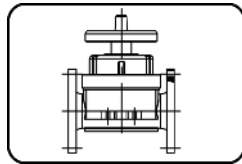
Code: 342.15
Membranventil
handgesteuert
Diaphragm Valve
manually controlled
PP Pure grau PP Pure grey **69**



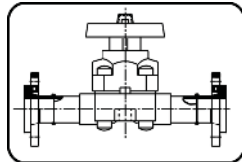
Code: 342.16
Membranventil
handgesteuert
Diaphragm Valve
manually controlled
PP grau PP grey **70**



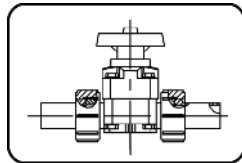
Code: 242.14
Membranventil
handgesteuert
Diaphragm Valve
manually controlled
PP grau PP grey **70**



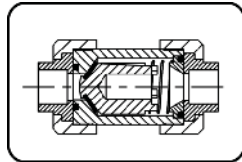
Code: 342.17
Membranventil
handgesteuert
Diaphragm Valve
manually controlled
PP Pure grau PP Pure grey **71**



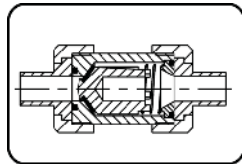
Code: 242.15
Membranventil
handgesteuert
Diaphragm Valve
manually controlled
PP Pure grau PP Pure grey **71**



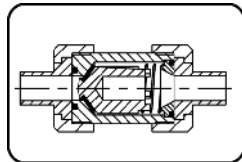
Code: 340
Membranventil
handgesteuert
Diaphragm Valve
manually controlled
PP Pure grau PP Pure grey **72**



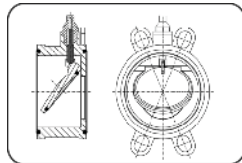
Code: 336.10
Rückschlagventil mit Feder
EPDM-Dichtung
formgespritzt
PP grau
Check Valve with Spring
EPDM-sealing
injection moulded
PP grey **72**



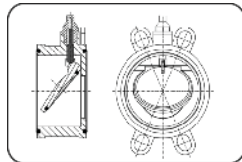
Code: 336.12
Rückschlagventil mit Feder
EPDM-Dichtung
formgespritzt
PP grau
Check Valve with Spring
EPDM-sealing
injection moulded
PP grey **73**



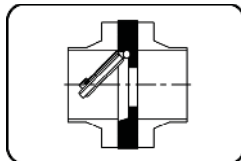
Code: 336.13
Rückschlagventil mit Feder
FPM-Dichtung
formgespritzt
PP Pure grau
Check Valve with Spring
FPM-sealing
injection moulded
PP Pure grey **73**



Code: 258.1
Rückschlagklappe K4 mit Feder
EPDM-Dichtung
PP grau
Swing check valve K4 + Spring
EPDM-sealing
PP grey **74**



Code: 258.3
Rückschlagklappe K4 mit Feder
EPDM-Dichtung
PP-GFK grau
Swing check valve K4 + Spring
EPDM-sealing
PP-GFK grey **74**

MINELINE
MINELINE

Code: 339.10

Rückschlagklappe S4 mit Feder

EPDM-Dichtung

formgespritzt

PP grau

Swing Type Check Valve+Spring

EPDM-sealing S4

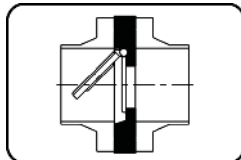
injection moulded

PP grey

75

PPS

PPS



Code: 339.12

Rückschlagklappe S4 ohne Feder

EPDM-Dichtung

formgespritzt

PP grau

Swing Type Check Valve w/o Sp.

EPDM-sealing S4

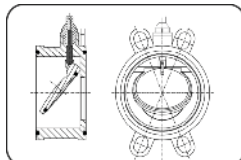
injection moulded

PP grey

75

PPS-ESD EL

PPS-ESD EL



Code: 258

Rückschlagklappe K4 mit Feder

FPM-Dichtung

PP Pure grau

Swing check valve K4 + Spring

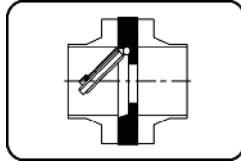
FPM-sealing

PP Pure grey

76

PPR-LINER

PPR-LINER



Code: 339.11

Rückschlagklappe S4 mit Feder

FPM-Dichtung

formgespritzt

PP Pure grau

Swing Type Check Valve+Spring

FPM-sealing

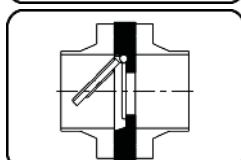
injection moulded

PP Pure grey

76

PEHD-ESD EL

HDPE-ESD EL



Code: 339.13

Rückschlagklappe S4 ohne Feder

FPM-Dichtung

formgespritzt

PP Pure grau

Swing Type Check Valve w/o Sp.

FPM-sealing

injection moulded

PP Pure grey

77

PVDF

PVDF

ECTFE

ECTFE

DOPPELROHR

DUAL PIPE

COOLSAFE

COOLSAFE

ZUBEHÖR

ACCESSORIES

SEAL CLEAN

SEAL CLEAN

SCHWEISSEN

WELDING

Rohr 5m

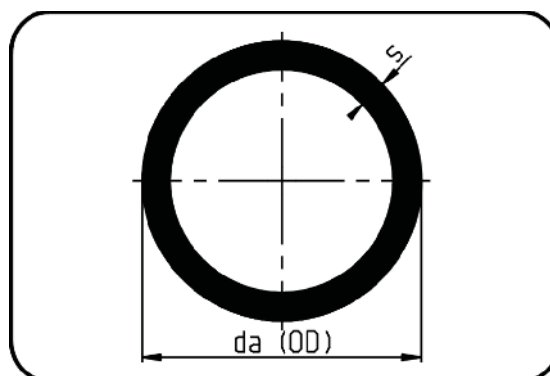
Pipe 5m

extrudiert

extruded

PPH grau

PPH grey



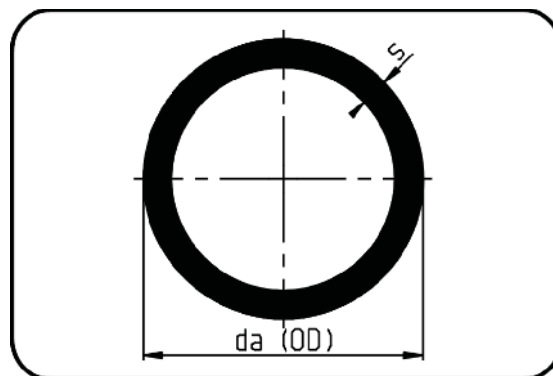
Code: 12.705

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	Gewicht Weight
200	12.705.0200.00	200X3,0 Ventilation	200	3	1,83
250	12.705.0250.00	250X3,5 Ventilation	250	3,5	2,66
315	12.705.0315.00	315X5,0 Ventilation	315	5	4,74
355	12.705.0355.00	355X6,0 Ventilation	355	6	6,39
400	12.705.0400.00	400X6,0 Ventilation	400	6	7,20
450	12.705.0450.00	450X6,0 Ventilation	450	6	8,10
500	12.705.0500.00	500X8,0 Ventilation	500	8	11,90
560	12.705.0560.00	560X8,0 Ventilation	560	8	13,41
630	12.705.0630.00	630X10,0 Ventilation	630	10	18,80
710	12.705.0710.00	710X12,0 Ventilation	710	12	25,30
800	12.705.0800.00	800X12,0 Ventilation	800	12	28,60
900	12.705.0900.00	900X15,0 Ventilation	900	15	40,10
1000	12.705.1000.00	1000X15,0 Ventilation	1.000	15	44,60
1200	12.705.1200.00	1200X18,0 Ventilation	1.200	18	64,10
1400	12.705.1400.00	1400X20,0 Ventilation	1.400	20	83,20
110	12.705.0110.41	110X2,7 SDR41 ISO S-20	110	2,7	0,90
125	12.705.0125.41	125X3,1 SDR41 ISO S-20	125	3,1	1,17
140	12.705.0140.41	140X3,5 SDR41 ISO S-20	140	3,5	1,48
160	12.705.0160.41	160X4,0 SDR41 ISO S-20	160	4	1,91
180	12.705.0180.41	180X4,4 SDR41 ISO S-20	180	4,4	2,36
200	12.705.0200.41	200X4,9 SDR41 ISO S-20	200	4,9	2,92
225	12.705.0225.41	225X5,5 SDR41 ISO S-20	225	5,5	3,70
250	12.705.0250.41	250X6,2 SDR41 ISO S-20	250	6,2	4,59
280	12.705.0280.41	280X6,9 SDR41 ISO S-20	280	6,9	5,73
315	12.705.0315.41	315X7,7 SDR41 ISO S-20	315	7,7	7,19
355	12.705.0355.41	355X8,7 SDR41 ISO S-20	355	8,7	9,14
400	12.705.0400.41	400X9,8 SDR41 ISO S-20	400	9,8	11,60
450	12.705.0450.41	450X11,0 SDR41 ISO S-20	450	11	14,60
500	12.705.0500.41	500X12,3 SDR41 ISO S-20	500	12,3	18,10
560	12.705.0560.41	560X13,7 SDR41 ISO S-20	560	13,7	22,60
630	12.705.0630.41	630X15,4 SDR41 ISO S-20	630	15,4	28,50
710	12.705.0710.41	710X17,4 SDR41 ISO S-20	710	17,4	36,30
800	12.705.0800.41	800X19,6 SDR41 ISO S-20	800	19,6	46,10

Rohr 5m**Pipe 5m**

extrudiert

extruded

PPH grau**PPH grey****Code: 12.705**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	Gewicht Weight
900	12.705.0900.41	900X22,0 SDR41 ISO S-20	900	22	58,10
1000	12.705.1000.41	1000X24,5 SDR41 ISO S-20	1.000	24,5	72,00
1200	12.705.1200.41	1200X29,4 SDR41 ISO S-20	1.200	29,4	103,00
1400	12.705.1400.41	1400X34,3 SDR41 ISO S-20	1.400	34,3	141,00
75	12.705.0075.33	75X2,3 SDR33 ISO S-16	75	2,3	0,52
90	12.705.0090.33	90X2,8 SDR33 ISO S-16	90	2,8	0,76
110	12.705.0110.33	110X3,4 SDR33 ISO S-16	110	3,4	1,11
125	12.705.0125.33	125X3,9 SDR33 ISO S-16	125	3,9	1,45
140	12.705.0140.33	140X4,3 SDR33 ISO S-16	140	4,3	1,78
160	12.705.0160.33	160X4,9 SDR33 ISO S-16	160	4,9	2,32
180	12.705.0180.33	180X5,5 SDR33 ISO S-16	180	5,5	2,94
200	12.705.0200.33	200X6,2 SDR33 ISO S-16	200	6,2	3,65
225	12.705.0225.33	225X6,9 SDR33 ISO S-16	225	6,9	4,57
250	12.705.0250.33	250X7,7 SDR33 ISO S-16	250	7,7	5,67
280	12.705.0280.33	280X8,6 SDR33 ISO S-16	280	8,6	7,09
315	12.705.0315.33	315X9,7 SDR33 ISO S-16	315	9,7	8,97
355	12.705.0355.33	355X10,9 SDR33 ISO S-16	355	10,9	11,30
400	12.705.0400.33	400X12,3 SDR33 ISO S-16	400	12,3	14,40
450	12.705.0450.33	450X13,8 SDR33 ISO S-16	450	13,8	18,20
500	12.705.0500.33	500X15,3 SDR33 ISO S-16	500	15,3	22,30
560	12.705.0560.33	560X17,2 SDR33 ISO S-16	560	17,2	28,10
630	12.705.0630.33	630X19,3 SDR33 ISO S-16	630	19,3	35,50
710	12.705.0710.33	710X21,8 SDR33 ISO S-16	710	21,8	45,20
800	12.705.0800.33	800X24,5 SDR33 ISO S-16	800	24,5	57,20
900	12.705.0900.33	900X27,6 SDR33 ISO S-16	900	27,6	72,50
1000	12.705.1000.33	1000X30,6 SDR33 ISO S-16	1.000	30,6	89,20
1200	12.705.1200.33	1200X36,7 SDR33 ISO S-16	1.200	36,7	128,00
40	12.705.0040.26	40X1,8 SDR26 ISO S-12,5	40	1,8	0,22
50	12.705.0050.26	50X2,0 SDR26 ISO S-12,5	50	2	0,30
63	12.705.0063.26	63X2,5 SDR26 ISO S-12,5	63	2,5	0,47
75	12.705.0075.26	75X2,9 SDR26 ISO S-12,5	75	2,9	0,65
90	12.705.0090.26	90X3,5 SDR26 ISO S-12,5	90	3,5	0,94

Rohr 5m

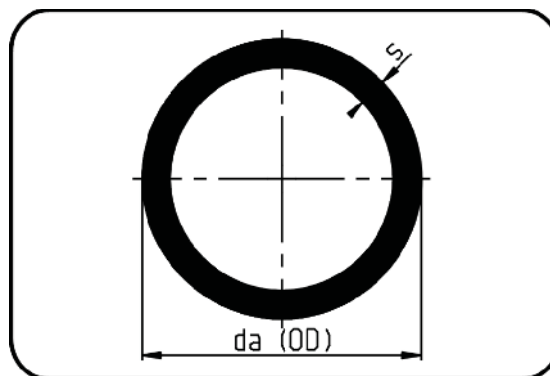
Pipe 5m

extrudiert

extruded

PPH grau

PPH grey



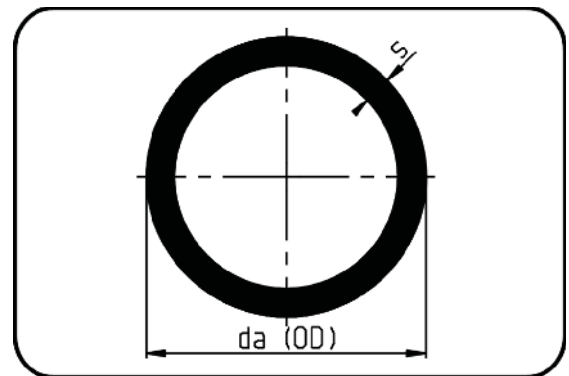
Code: 12.705

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	Gewicht Weight
110	12.705.0110.26	110X4,2 SDR26 ISO S-12,5	110	4,2	1,36
125	12.705.0125.26	125X4,8 SDR26 ISO S-12,5	125	4,8	1,76
140	12.705.0140.26	140X5,4 SDR26 ISO S-12,5	140	5,4	2,21
160	12.705.0160.26	160X6,2 SDR26 ISO S-12,5	160	6,2	2,89
180	12.705.0180.26	180X6,9 SDR26 ISO S-12,5	180	6,9	3,63
200	12.705.0200.26	200X7,7 SDR26 ISO S-12,5	200	7,7	4,50
225	12.705.0225.26	225X8,6 SDR26 ISO S-12,5	225	8,6	5,65
250	12.705.0250.26	250X9,6 SDR26 ISO S-12,5	250	9,6	6,99
280	12.705.0280.26	280X10,7 SDR26 ISO S-12,5	280	10,7	8,72
315	12.705.0315.26	315X12,1 SDR26 ISO S-12,5	315	12,1	11,10
355	12.705.0355.26	355X13,6 SDR26 ISO S-12,5	355	13,6	14,00
400	12.705.0400.26	400X15,3 SDR26 ISO S-12,5	400	15,3	17,70
450	12.705.0450.26	450X17,2 SDR26 ISO S-12,5	450	17,2	22,40
500	12.705.0500.26	500X19,1 SDR26 ISO S-12,5	500	19,1	27,60
560	12.705.0560.26	560X21,4 SDR26 ISO S-12,5	560	21,4	34,60
630	12.705.0630.26	630X24,1 SDR26 ISO S-12,5	630	24,1	43,90
710	12.705.0710.26	710X27,2 SDR26 ISO S-12,5	710	27,2	55,80
800	12.705.0800.26	800X30,6 SDR26 ISO S-12,5	800	30,6	70,80
900	12.705.0900.26	900X34,4 SDR26 ISO S-12,5	900	34,4	89,40
1000	12.705.1000.26	1000X38,2 SDR26 ISO S-12,5	1.000	38,2	110,00
32	12.705.0032.17	32X2,0 SDR17,6 ISO S-8,3	32	2	0,17
40	12.705.0040.17	40X2,3 SDR17,6 ISO S-8,3	40	2,3	0,27
50	12.705.0050.17	50X2,9 SDR17,6 ISO S-8,3	50	2,9	0,42
63	12.705.0063.17	63X3,6 SDR17,6 ISO S-8,3	63	3,6	0,66
75	12.705.0075.17	75X4,3 SDR17,6 ISO S-8,3	75	4,3	0,93
90	12.705.0090.17	90X5,1 SDR17,6 ISO S-8,3	90	5,1	1,32
110	12.705.0110.17	110X6,3 SDR17,6 ISO S-8,3	110	6,3	1,98
125	12.705.0125.17	125X7,1 SDR17,6 ISO S-8,3	125	7,1	2,54
140	12.705.0140.17	140X8,0 SDR17,6 ISO S-8,3	140	8	3,20
160	12.705.0160.17	160X9,1 SDR17,6 ISO S-8,3	160	9,1	4,15
180	12.705.0180.17	180X10,2 SDR17,6 ISO S-8,3	180	10,2	5,22
200	12.705.0200.17	200X11,4 SDR17,6 ISO S-8,3	200	11,4	6,47
225	12.705.0225.17	225X12,8 SDR17,6 ISO S-8,3	225	12,8	8,19

Rohr 5m**Pipe 5m**

extrudiert

extruded

PPH grau**PPH grey****Code: 12.705**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	Gewicht Weight
250	12.705.0250.17	250X14,2 SDR17,6 ISO S-8,3	250	14,2	10,10
280	12.705.0280.17	280X15,9 SDR17,6 ISO S-8,3	280	15,9	12,60
315	12.705.0315.17	315X17,9 SDR17,6 ISO S-8,3	315	17,9	16,00
355	12.705.0355.17	355X20,1 SDR17,6 ISO S-8,3	355	20,1	20,20
400	12.705.0400.17	400X22,7 SDR17,6 ISO S-8,3	400	22,7	25,70
450	12.705.0450.17	450X25,5 SDR17,6 ISO S-8,3	450	25,5	32,50
500	12.705.0500.17	500X28,3 SDR17,6 ISO S-8,3	500	28,3	40,10
560	12.705.0560.17	560X31,7 SDR17,6 ISO S-8,3	560	31,7	50,30
630	12.705.0630.17	630X35,7 SDR17,6 ISO S-8,3	630	35,7	63,70
16	12.705.0016.11	16X1,8 SDR11 ISO S-5	16	1,8	0,08
20	12.705.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	0,11
25	12.705.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	0,16
32	12.705.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	0,26
40	12.705.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	0,41
50	12.705.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	0,64
63	12.705.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	1,01
75	12.705.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	1,40
90	12.705.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	2,03
110	12.705.0110.11	110X10,0 SDR11 ISO S-5	110	10	3,01
125	12.705.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	3,91
140	12.705.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	4,87
160	12.705.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	6,39
180	12.705.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	8,07
200	12.705.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	9,95
225	12.705.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	12,59
250	12.705.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	15,48
280	12.705.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	19,40
315	12.705.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	24,55
355	12.705.0355.11	355X32,2 SDR11 ISO S-5	355	32,2	31,16
12	12.705.0012.07	12X1,8 SDR7,4 ISO S-3,2	12	1,8	0,06
20	12.705.0020.07	20X2,8 SDR7,4 ISO S-3,2	20	2,8	0,15
25	12.705.0025.07	25X3,5 SDR7,4 ISO S-3,2	25	3,5	0,23

Rohr 5m

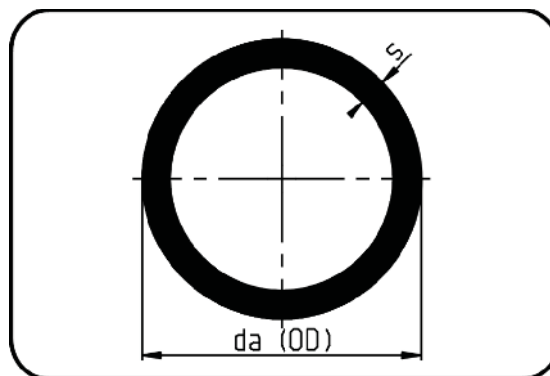
Pipe 5m

extrudiert

extruded

PPH grau

PPH grey



Code: 12.705

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	Gewicht Weight
32	12.705.0032.07	32X4,4 SDR7,4 ISO S-3,2	32	4,4	0,37
40	12.705.0040.07	40X5,5 SDR7,4 ISO S-3,2	40	5,5	0,58
50	12.705.0050.07	50X6,9 SDR7,4 ISO S-3,2	50	6,9	0,90
63	12.705.0063.07	63X8,6 SDR7,4 ISO S-3,2	63	8,6	1,41
75	12.705.0075.07	75X10,3 SDR7,4 ISO S-3,2	75	10,3	2,00
90	12.705.0090.07	90X12,3 SDR7,4 ISO S-3,2	90	12,3	2,86
110	12.705.0110.07	110X15,1 SDR7,4 ISO S-3,2	110	15,1	4,29
125	12.705.0125.07	125X17,1 SDR7,4 ISO S-3,2	125	17,1	5,52
140	12.705.0140.07	140X19,2 SDR7,4 ISO S-3,2	140	19,2	6,93
160	12.705.0160.07	160X21,9 SDR7,4 ISO S-3,2	160	21,9	9,04

PP

PP

MINILINE
MINILINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLS SAFE
COOLS SAFE

ZUBEHÖR
ACCESSORIES

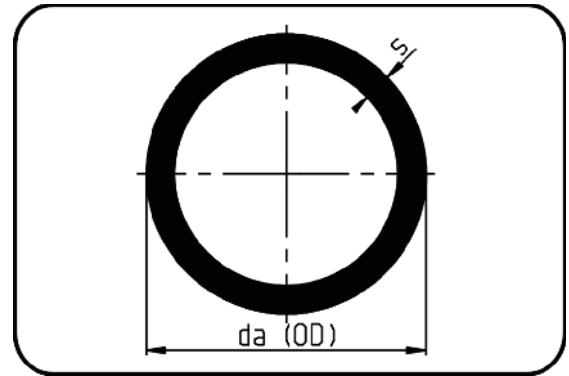
SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

Rohr 5m**Pipe 5m**

extrudiert

extruded

PPR grau**PPR grey****Code: 11.705**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	Gewicht Weight
20	11.705.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	0,11
25	11.705.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	0,16
32	11.705.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	0,26
40	11.705.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	0,41
50	11.705.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	0,64
63	11.705.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	1,01
75	11.705.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	1,40
90	11.705.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	2,03
110	11.705.0110.11	110X10,0 SDR11 ISO S-5	110	10	3,01
125	11.705.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	3,91
140	11.705.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	4,87
160	11.705.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	6,39
180	11.705.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	8,07
200	11.705.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	9,95
225	11.705.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	12,59
250	11.705.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	15,48
280	11.705.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	19,40
315	11.705.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	24,55
355	11.705.0355.11	355X32,2 SDR11 ISO S-5	355	32,2	31,10
400	11.705.0400.11	400X36,3 SDR11 ISO S-5	400	36,3	39,50
450	11.705.0450.11	450X40,9 SDR11 ISO S-5	450	40,9	50,10
500	11.705.0500.11	500X45,4 SDR11 ISO S-5	500	45,4	61,80
710	11.705.0710.17	710X40,2 SDR17,6 ISO S-8,3	710	40,2	80,70
800	11.705.0800.17	800X45,3 SDR17,6 ISO S-8,3	800	45,3	103,00

MULTI-Bogen 90°

lange Schenkel

formgespritzt

Stumpf + E-Muffenschweißung

PPR grau

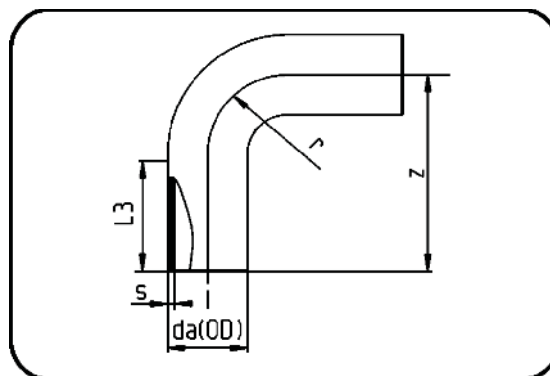
MULTI-Bend 90°

long spigot

injection moulded

Butt + E-socket-welding

PPR grey



Code: 068

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	r mm	L3 mm	Gewicht Weight
63	11.068.0063.17	63X3,8 SDR17 ISO S-8	63	3,8	129,5	63	66,5	0,18
75	11.068.0075.17	75X4,5 SDR17 ISO S-8	75	4,5	150	75	75	0,29
90	11.068.0090.17	90X5,4 SDR17 ISO S-8	90	5,4	168	90	76	0,48
110	11.068.0110.17	110X6,6 SDR17 ISO S-8	110	6,6	192	110	82	0,78
125	11.068.0125.17	125X7,4 SDR17 ISO S-8	125	7,4	218	125	92	1,14
140	11.068.0140.17	140X8,3 SDR17 ISO S-8	140	8,3	241	140	100	1,58
160	11.068.0160.17	160X9,5 SDR17 ISO S-8	160	9,5	261,5	160	100,5	2,26
180	11.068.0180.17	180X10,7 SDR17 ISO S-8	180	10,7	290,5	180	109	3,08
200	11.068.0200.17	200X11,9 SDR17 ISO S-8	200	11,9	318,5	200	118,5	4,03
225	11.068.0225.17	225X13,4 SDR17 ISO S-8	225	13,4	353	225	125	5,82
250	11.068.0250.17	250X14,8 SDR17 ISO S-8	250	14,8	389	250	135	7,04
280	11.068.0280.17	280X16,6 SDR17 ISO S-8	280	16,6	429	280	146	9,80
315	11.068.0315.17	315X18,7 SDR17 ISO S-8	315	18,7	475	315	158	14,00
20	11.068.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	60	20	40	0,01
25	11.068.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	68,5	25	42,5	0,02
32	11.068.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	79	32	47	0,04
40	11.068.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	92,5	40	52	0,07
50	11.068.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	108,5	50	58,5	0,13
63	11.068.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	129,5	63	66,5	0,25
75	11.068.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	150	75	75	0,40
90	11.068.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	168	90	76	0,66
110	11.068.0110.11	110X10,0 SDR11 ISO S-5	110	10	192	110	82	1,09
125	11.068.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	218	125	92	1,66
140	11.068.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	241	140	100	2,24
160	11.068.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	261,5	160	100,5	3,16
180	11.068.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	290,5	180	109	4,34
200	11.068.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	318,5	200	118,5	5,80
225	11.068.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	353	225	125	8,04
250	11.068.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	389	250	135	10,40
280	11.068.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	429	280	146	14,22
315	11.068.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	475	315	158	19,82

MINELINE
MINELINE**Winkel 45°**

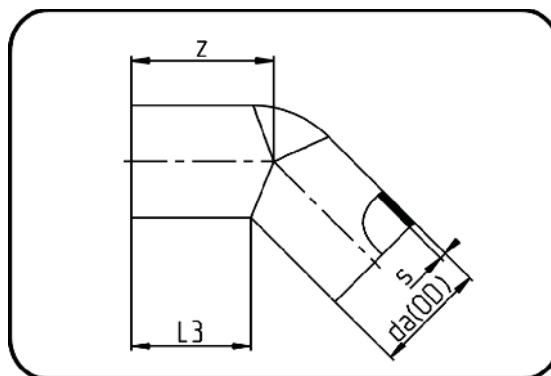
lange Schenkel

formgespritzt

**Stumpf + E-
Muffenschweissung****PPR grau****Elbow 45°**

long spigot

injection moulded

Butt + E-socket-welding**PPR grey****Code: 060**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	L3 mm	Gewicht Weight
63	11.060.0063.17	63X3,8 SDR17 ISO S-8	63	3,8	80	66	0,11
75	11.060.0075.17	75X4,5 SDR17 ISO S-8	75	4,5	90	70	0,18
90	11.060.0090.17	90X5,4 SDR17 ISO S-8	90	5,4	101	79	0,29
110	11.060.0110.17	110X6,6 SDR17 ISO S-8	110	6,6	112	82	0,48
125	11.060.0125.17	125X7,4 SDR17 ISO S-8	125	7,4	130,5	99,5	0,67
140	11.060.0140.17	140X8,3 SDR17 ISO S-8	140	8,3	137	102	0,85
160	11.060.0160.17	160X9,5 SDR17 ISO S-8	160	9,5	156,5	116,5	1,28
180	11.060.0180.17	180X10,7 SDR17 ISO S-8	180	10,7	178,5	133,5	1,96
200	11.060.0200.17	200X11,9 SDR17 ISO S-8	200	11,9	166	122,5	2,20
225	11.060.0225.17	225X13,4 SDR17 ISO S-8	225	13,4	184	128	3,04
250	11.060.0250.17	250X14,8 SDR17 ISO S-8	250	14,8	217	160	4,76
280	11.060.0280.17	280X16,6 SDR17 ISO S-8	280	16,6	232	175	6,20
315	11.060.0315.17	315X18,7 SDR17 ISO S-8	315	18,7	251	180	8,32
20	11.060.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	44	39	0,01
25	11.060.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	48	42	0,02
32	11.060.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	57	49	0,03
40	11.060.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	63	53	0,05
50	11.060.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	70	57	0,09
63	11.060.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	80	67	0,17
75	11.060.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	90	72,5	0,26
90	11.060.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	104	82	0,42
110	11.060.0110.11	110X10,0 SDR11 ISO S-5	110	10	114	85	0,67
125	11.060.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	132,5	99,5	1,02
140	11.060.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	136	100	1,34
160	11.060.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	156,5	116,5	1,98
180	11.060.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	176,5	131,5	2,78
200	11.060.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	170,5	120,5	3,44
225	11.060.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	182,5	128	4,66
250	11.060.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	217	160	6,76
280	11.060.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	243	173	8,94
315	11.060.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	256	179	12,26

SCHWEISSEN
WELDING

Bogen 45°

300mm beidseitig verlängert

formgespritzt+geschweisst

Stumpf + E-Muffenschweissung

PP grau

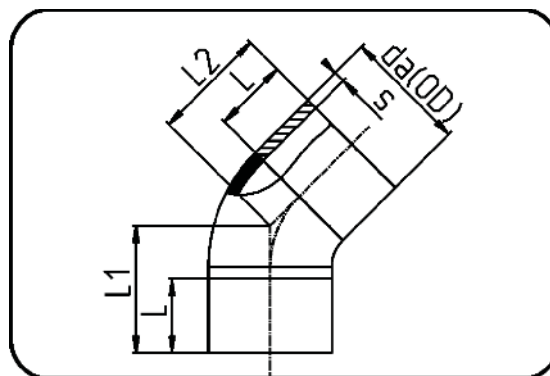
Bend 45°

300mm both sides elongated

injection moulded+welded

Butt + E-socket-welding

PP grey



Code: 001.20

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L2 mm	L mm	L1 mm	Gewicht Weight
110	11.001.2110.33	110X3,4 SDR33 ISO S-16	110	3,4	346	300	356	0,79
125	11.001.2125.33	125X3,9 SDR33 ISO S-16	125	3,9	352	300	362	1,04
140	11.001.2140.33	140X4,3 SDR33 ISO S-16	140	4,3	358	300	368	1,30
160	11.001.2160.33	160X4,9 SDR33 ISO S-16	160	4,9	364	300	389	1,76
180	11.001.2180.33	180X5,5 SDR33 ISO S-16	180	5,5	375	300	395	2,24
200	11.001.2200.33	200X6,2 SDR33 ISO S-16	200	6,2	383	300	403	2,86
225	11.001.2225.33	225X6,9 SDR33 ISO S-16	225	6,9	383	300	403	3,63
250	11.001.2250.33	250X7,7 SDR33 ISO S-16	250	7,7	393	300	413	4,77
280	11.001.2280.33	280X8,6 SDR33 ISO S-16	280	8,6	408	300	438	6,05
315	11.001.2315.33	315X9,7 SDR33 ISO S-16	315	9,7	424	300	464	7,41
355	11.001.2355.33	355X10,9 SDR33 ISO S-16	355	10,9	424	300	464	12,40
400	11.001.2400.33	400X12,3 SDR33 ISO S-16	400	12,3	424	300	469	12,75
450	11.001.2450.33	450X13,8 SDR33 ISO S-16	450	13,8	466	300	511	18,10
355	11.001.2355.17	355X20,1 SDR17,6 ISO S-8,3	355	20,1	424	300	464	17,80
400	11.001.2400.17	400X22,7 SDR17,6 ISO S-8,3	400	22,7	424	300	464	22,70
450	11.001.2450.17	450X25,5 SDR17,6 ISO S-8,3	450	25,5	466	300	511	31,60
500	11.001.2500.17	500X28,3 SDR17,6 ISO S-8,3	500	28,3	466	300	511	39,20
355	11.001.2355.11	355X32,2 SDR11 ISO S-5	355	32,2	424	300	464	27,40
400	11.001.2400.11	400X36,3 SDR11 ISO S-5	400	36,3	424	300	469	34,70
450	11.001.2450.11	450X40,9 SDR11 ISO S-5	450	40,9	466	300	511	47,80
500	11.001.2500.11	500X45,4 SDR11 ISO S-5	500	45,4	466	300	511	59,30

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

MINELINE
MINELINE**T-Stück**

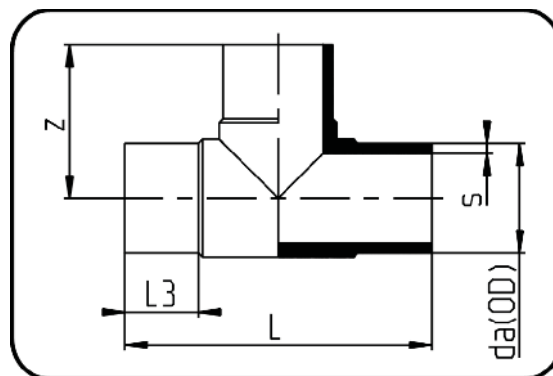
lange Schenkel

formgespritzt

**Stumpf + E-
Muffenschweissung****PPR grau****Tee**

long spigot

injection moulded

Butt + E-socket-welding**PPR grey****Code: 066**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	L mm	L3 mm	Gewicht Weight
20	11.066.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	57	109	37	0,02
25	11.066.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	59	117	40	0,03
32	11.066.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	72	144	45	0,07
40	11.066.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	84	168	51	0,11
50	11.066.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	97	192	58	0,19
63	11.066.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	115	229	66	0,37
75	11.066.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	131	264	71	0,61
90	11.066.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	145	290	82	0,95
110	11.066.0110.11	110X10,0 SDR11 ISO S-5	110	10	160	320	86	1,50
125	11.066.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	175	356	93,5	2,14
140	11.066.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	190	380	98	2,76
160	11.066.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	208	410	102,5	4,00
180	11.066.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	264	528	138	6,66
200	11.066.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	250	500	116	7,74
225	11.066.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	275	552	125,5	10,60
250	11.066.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	315	630	148	14,88
280	11.066.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	352	704	161	20,32
315	11.066.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	380	760	170	27,80

COOLSAFE
COOLSAFEZUBEHÖR
ACCESSORIESSEAL CLEAN
SEAL CLEANSCHWEISSEN
WELDING

T-Stück reduziert

lange Schenkel

formgespritzt

Stumpf + E-Muffenschweißung

PPR grau

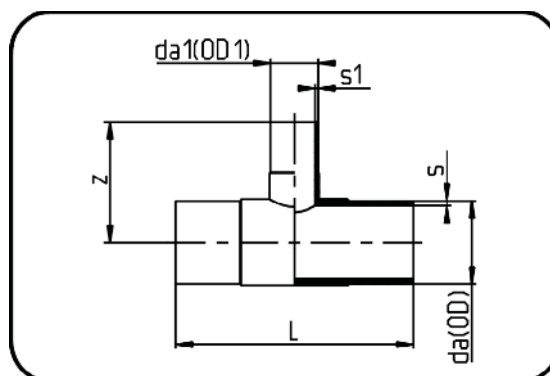
Tee reduced

long spigot

injection moulded

Butt + E-socket-welding

PPR grey



Code: 065

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	z mm	L mm	s1 mm	Gewicht Weight
63/50	11.065.6350.17	63/50 SDR17 ISO S-8	63	50	3,8	103	220	3	0,21
75/50	11.065.7550.17	75/50 SDR17 ISO S-8	75	50	4,5	110	265	3	0,41
75/63	11.065.7563.17	75/63 SDR17 ISO S-8	75	63	4,5	117	260	3,8	0,42
90/63	11.065.9063.17	90/63 SDR17 ISO S-8	90	63	5,4	138,5	275	3,8	0,59
90/75	11.065.9075.17	90/75 SDR17 ISO S-8	90	75	5,4	138	278	4,5	0,57
110/63	11.065.1163.17	110/63 SDR17 ISO S-8	110	63	6,6	159	315	3,8	0,96
110/75	11.065.1175.17	110/75 SDR17 ISO S-8	110	75	6,6	151	315	4,5	0,85
110/90	11.065.1190.17	110/90 SDR17 ISO S-8	110	90	6,6	156	317	5,4	0,92
125/63	11.065.1263.17	125/63 SDR17 ISO S-8	125	63	7,4	170	350	3,8	1,38
125/90	11.065.1290.17	125/90 SDR17 ISO S-8	125	90	7,4	170	351	5,4	1,30
125/110	11.065.1211.17	125/110 SDR17 ISO S-8	125	110	7,4	170	340	6,6	1,24
160/63	11.065.1663.17	160/63 SDR17 ISO S-8	160	63	9,5	175	347	3,8	1,92
160/75	11.065.1675.17	160/75 SDR17 ISO S-8	160	75	9,5	179	348	4,5	1,91
160/90	11.065.1690.17	160/90 SDR17 ISO S-8	160	90	9,5	182	349	5,4	1,94
160/110	11.065.1611.17	160/110 SDR17 ISO S-8	160	110	9,5	202	400	6,6	2,36
180/90	11.065.1890.17	180/90 SDR17 ISO S-8	180	90	10,7	200	427	5,4	2,80
200/63	11.065.2063.17	200/63 SDR17 ISO S-8	200	63	11,9	225	550	3,8	4,96
200/90	11.065.2090.17	200/90 SDR17 ISO S-8	200	90	11,9	229	560	5,4	5,12
200/110	11.065.2011.17	200/110 SDR17 ISO S-8	200	110	11,9	245	560	6,6	5,22
200/125	11.065.2012.17	200/125 SDR17 ISO S-8	200	125	11,9	240	550	7,4	5,26
200/160	11.065.2016.17	200/160 SDR17 ISO S-8	200	160	11,9	265	550	9,5	6,15
225/75	11.065.2275.17	225/75 SDR17 ISO S-8	225	75	13,4	226	451	4,5	4,90
225/90	11.065.2290.17	225/90 SDR17 ISO S-8	225	90	13,4	226	450	5,4	5,00
225/110	11.065.2211.17	225/110 SDR17 ISO S-8	225	110	13,4	226	449	6,6	4,96
225/160	11.065.2216.17	225/160 SDR17 ISO S-8	225	160	13,4	250	498	9,5	6,14
225/180	11.065.2218.17	225/180 SDR17 ISO S-8	225	180	13,4	280	558	10,7	7,10
250/110	11.065.2511.17	250/110 SDR17 ISO S-8	250	110	14,8	247	632	6,6	9,98
250/160	11.065.2516.17	250/160 SDR17 ISO S-8	250	160	14,8	272	630	9,5	10,54
250/200	11.065.2520.17	250/200 SDR17 ISO S-8	250	200	14,8	294	630	11,9	11,06
315/110	11.065.3111.17	315/110 SDR17 ISO S-8	315	110	18,7	292	555	6,6	11,40
315/160	11.065.3116.17	315/160 SDR17 ISO S-8	315	160	18,7	315	585	9,5	12,56
315/225	11.065.3122.17	315/225 SDR17 ISO S-8	315	225	18,7	335	650	13,4	13,98
315/250	11.065.3125.17	315/250 SDR17 ISO S-8	315	250	18,7	340	680	14,8	14,90

T-Stück reduziert

lange Schenkel

formgespritzt

**Stumpf + E-
Muffenschweissung**

PPR grau

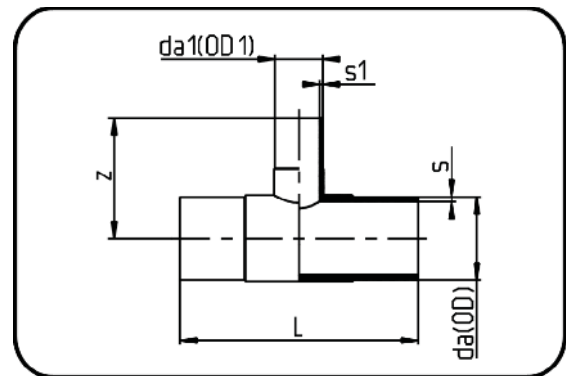
Tee reduced

long spigot

injection moulded

Butt + E-socket-welding

PPR grey



Code: 065

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	z mm	L mm	s1 mm	Gewicht Weight
63/32	11.065.6332.11	63/32 SDR11 ISO S-5	63	32	5,8	103	220	2,9	0,30
63/50	11.065.6350.11	63/50 SDR11 ISO S-5	63	50	5,8	103	220	4,6	0,29
75/32	11.065.7532.11	75/32 SDR11 ISO S-5	75	32	6,8	107,5	265	2,9	0,50
75/50	11.065.7550.11	75/50 SDR11 ISO S-5	75	50	6,8	110	265	4,6	0,53
75/63	11.065.7563.11	75/63 SDR11 ISO S-5	75	63	6,8	117	260	5,8	0,54
90/63	11.065.9063.11	90/63 SDR11 ISO S-5	90	63	8,2	138,5	275	5,8	0,74
90/75	11.065.9075.11	90/75 SDR11 ISO S-5	90	75	8,2	140	278	6,8	0,80
110/63	11.065.1163.11	110/63 SDR11 ISO S-5	110	63	10	159	315	5,8	1,24
110/75	11.065.1175.11	110/75 SDR11 ISO S-5	110	75	10	151	315	6,8	1,18
110/90	11.065.1190.11	110/90 SDR11 ISO S-5	110	90	10	156	317	8,2	1,26
125/90	11.065.1290.11	125/90 SDR11 ISO S-5	125	90	11,4	170	340	8,2	1,64
125/110	11.065.1211.11	125/110 SDR11 ISO S-5	125	110	11,4	170	340	10	1,85
160/63	11.065.1663.11	160/63 SDR11 ISO S-5	160	63	14,6	175	347	5,8	2,56
160/75	11.065.1675.11	160/75 SDR11 ISO S-5	160	75	14,6	179	348	6,8	2,62
160/90	11.065.1690.11	160/90 SDR11 ISO S-5	160	90	14,6	182	349	8,2	2,62
160/110	11.065.1611.11	160/110 SDR11 ISO S-5	160	110	14,6	202	400	10	3,16
180/90	11.065.1890.11	180/90 SDR11 ISO S-5	180	90	16,4	201	427	8,2	4,24
180/110	11.065.1811.11	180/110 SDR11 ISO S-5	180	110	16,4	225	464	10	4,60
200/63	11.065.2063.11	200/63 SDR11 ISO S-5	200	63	18,2	226	560	5,8	6,94
200/90	11.065.2090.11	200/90 SDR11 ISO S-5	200	90	18,2	229	560	8,2	6,86
200/110	11.065.2011.11	200/110 SDR11 ISO S-5	200	110	18,2	245	560	10	6,98
200/125	11.065.2012.11	200/125 SDR11 ISO S-5	200	125	18,2	240	560	11,4	6,92
200/160	11.065.2016.11	200/160 SDR11 ISO S-5	200	160	18,2	275	564	14,6	8,34
225/75	11.065.2275.11	225/75 SDR11 ISO S-5	225	75	20,5	226	451	6,8	6,62
225/90	11.065.2290.11	225/90 SDR11 ISO S-5	225	90	20,5	226	450	8,2	6,66
225/110	11.065.2211.11	225/110 SDR11 ISO S-5	225	110	20,5	226	449	10	6,66
225/160	11.065.2216.11	225/160 SDR11 ISO S-5	225	160	20,5	250	498	14,6	8,22
225/180	11.065.2218.11	225/180 SDR11 ISO S-5	225	180	20,5	280	558	16,4	9,20
250/110	11.065.2511.11	250/110 SDR11 ISO S-5	250	110	22,7	247	632	10	12,46
250/160	11.065.2516.11	250/160 SDR11 ISO S-5	250	160	22,7	272	634	14,6	12,96
250/200	11.065.2520.11	250/200 SDR11 ISO S-5	250	200	22,7	294	630	18,2	14,06
315/110	11.065.3111.11	315/110 SDR11 ISO S-5	315	110	28,6	292	555	10	15,68
315/160	11.065.3116.11	315/160 SDR11 ISO S-5	315	160	28,6	315	585	14,6	17,02

T-Stück reduziert

lange Schenkel

formgespritzt

Stumpf + E-Muffenschweissung

PPR grau

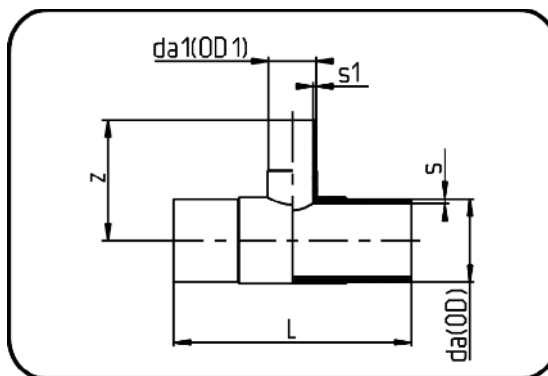
Tee reduced

long spigot

injection moulded

Butt + E-socket-welding

PPR grey



Code: 065

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	z mm	L mm	s1 mm	Gewicht Weight
315/225	11.065.3122.11	315/225 SDR11 ISO S-5	315	225	28,6	335	650	20,5	20,58
315/250	11.065.3125.11	315/250 SDR11 ISO S-5	315	250	28,6	340	680	22,7	21,84

Endkappe

lange Schenkel

formgespritzt

Stumpf + E-Muffenschweissung

PPR grau

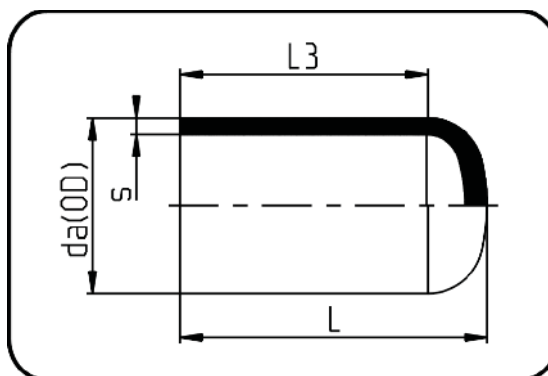
End Cap

long spigot

injection moulded

Butt + E-socket-welding

PPR grey



Code: 064

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L3 mm	Gewicht Weight
20	11.064.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	47	41	0,01
25	11.064.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	49	41	0,01
32	11.064.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	56	47	0,02
40	11.064.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	64	51	0,03
50	11.064.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	73	60	0,05
63	11.064.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	84	68	0,09
75	11.064.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	93	75	0,14
90	11.064.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	109	84	0,24
110	11.064.0110.11	110X10,0 SDR11 ISO S-5	110	10	136	104	0,46
125	11.064.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	138	102	0,57
140	11.064.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	144	106	0,79
160	11.064.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	170	118,5	1,14
180	11.064.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	164	115	1,42
200	11.064.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	181	127	1,88
225	11.064.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	202	131	2,68
250	11.064.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	230	161	3,76
280	11.064.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	257	162	5,24
315	11.064.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	272	171	6,87

Vorschweissbund DIN

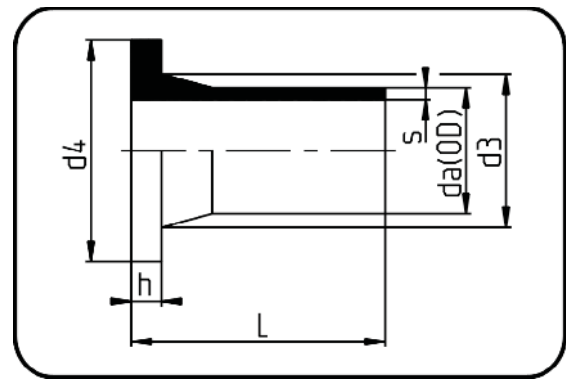
lange Schenkel

formgespritzt

**Stumpf + E-
Muffenschweissung****PPR grau****Stub Flange DIN**

long spigot

injection moulded

Butt + E-socket-welding**PPR grey****Code: 062**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	d3 mm	d4 mm	h mm	Gewicht Weight
20	11.062.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	88	27	45	7	0,02
25	11.062.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	88	33	58	9	0,04
32	11.062.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	89	40	68	10	0,05
40	11.062.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	102	50	78	11	0,08
50	11.062.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	102	61	88	12	0,12
63	11.062.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	124	75	102	14	0,21
75	11.062.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	127,5	89	122	16	0,30
90	11.062.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	143	105	138	17	0,44
110	11.062.0110.11	110X10,0 SDR11 ISO S-5	110	10	162	125	158	18	0,71
125	11.062.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	173	132	158	25	0,84
140	11.062.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	193	155	188	25	1,24
160	11.062.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	203	175	212	25	1,68
180	11.062.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	213	183	212	30	1,94
200	11.062.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	213	232	268	32	3,08
225	11.062.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	213	235	268	32	3,18
250	11.062.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	210	285	320	35	4,50
280	11.062.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	220	288	320	35	5,00
315	11.062.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	238	335	370	35	7,20

Flansche finden Sie bitte unter Zubehör.

Backing Rings please see Accessories.

Reduktion konzentrisch

lange Schenkel

formgespritzt

Stumpf + E-Muffenschweißung

PPR grau

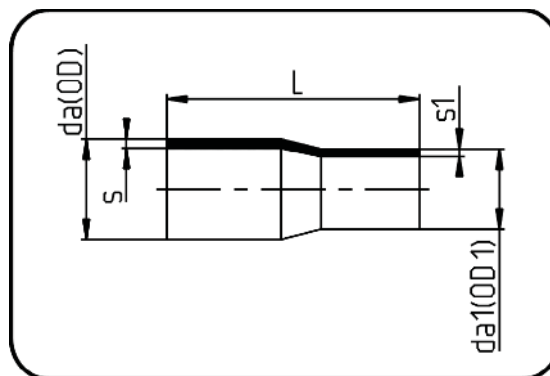
Reducer concentric

long spigot

injection moulded

Butt + E-socket-welding

PPR grey



Code: 067

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
25/20	11.067.2520.11	25/20 SDR11 ISO S-5	25	20	2,3	87	1,9	0,01
32/20	11.067.3220.11	32/20 SDR11 ISO S-5	32	20	2,9	92	1,9	0,02
32/25	11.067.3225.11	32/25 SDR11 ISO S-5	32	25	2,9	92	2,3	0,02
40/20	11.067.4020.11	40/20 SDR11 ISO S-5	40	20	3,7	102	1,9	0,03
40/25	11.067.4025.11	40/25 SDR11 ISO S-5	40	25	3,7	102	2,3	0,03
40/32	11.067.4032.11	40/32 SDR11 ISO S-5	40	32	3,7	104	2,9	0,04
50/25	11.067.5025.11	50/25 SDR11 ISO S-5	50	25	4,6	118	2,3	0,05
50/32	11.067.5032.11	50/32 SDR11 ISO S-5	50	32	4,6	118	2,9	0,06
50/40	11.067.5040.11	50/40 SDR11 ISO S-5	50	40	4,6	126	3,7	0,07
63/32	11.067.6332.11	63/32 SDR11 ISO S-5	63	32	5,8	136	2,9	0,10
63/40	11.067.6340.11	63/40 SDR11 ISO S-5	63	40	5,8	128	3,7	0,10
63/50	11.067.6350.11	63/50 SDR11 ISO S-5	63	50	5,8	150	4,6	0,13
75/50	11.067.7550.11	75/50 SDR11 ISO S-5	75	50	6,8	148	4,6	0,16
75/63	11.067.7563.11	75/63 SDR11 ISO S-5	75	63	6,8	149	5,8	0,18
90/63	11.067.9063.11	90/63 SDR11 ISO S-5	90	63	8,2	157	5,8	0,25
90/75	11.067.9075.11	90/75 SDR11 ISO S-5	90	75	8,2	163	6,8	0,28
110/63	11.067.1163.11	110/63 SDR11 ISO S-5	110	63	10	180	5,8	0,41
110/90	11.067.1190.11	110/90 SDR11 ISO S-5	110	90	10	180	8,2	0,48
125/63	11.067.1263.11	125/63 SDR11 ISO S-5	125	63	11,4	187	5,8	0,53
125/90	11.067.1290.11	125/90 SDR11 ISO S-5	125	90	11,4	190	8,2	0,61
125/110	11.067.1211.11	125/110 SDR11 ISO S-5	125	110	11,4	200	10	0,70
140/125	11.067.1412.11	140/125 SDR11 ISO S-5	140	125	12,7	215	11,4	0,94
160/90	11.067.1690.11	160/90 SDR11 ISO S-5	160	90	14,6	222	8,2	1,00
160/110	11.067.1611.11	160/110 SDR11 ISO S-5	160	110	14,6	225	10	1,12
160/125	11.067.1612.11	160/125 SDR11 ISO S-5	160	125	14,6	228	11,4	1,28
160/140	11.067.1614.11	160/140 SDR11 ISO S-5	160	140	14,6	229	12,7	1,30
180/125	11.067.1812.11	180/125 SDR11 ISO S-5	180	125	16,4	272	11,4	1,79
180/160	11.067.1816.11	180/160 SDR11 ISO S-5	180	160	16,4	276	14,6	2,00
200/160	11.067.2016.11	200/160 SDR11 ISO S-5	200	160	18,2	252	14,6	2,14
225/160	11.067.2216.11	225/160 SDR11 ISO S-5	225	160	20,5	270	14,6	2,80
250/160	11.067.2516.11	250/160 SDR11 ISO S-5	250	160	22,7	317	14,6	3,88
250/200	11.067.2521.11	250/200 SDR11 ISO S-5	250	200	22,7	314	18,2	4,20
250/225	11.067.2522.11	250/225 SDR11 ISO S-5	250	225	22,7	315	20,5	4,54

MINELINE
 MINELINE
Reduktion konzentrisch

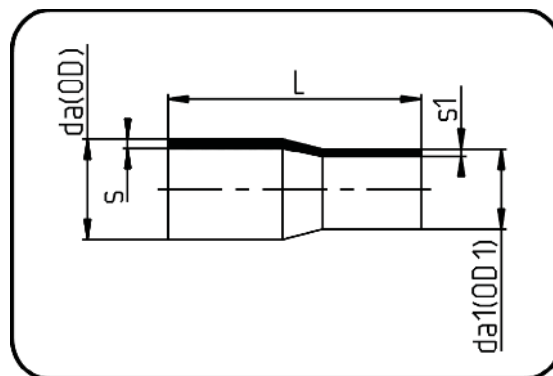
lange Schenkel

Reducer concentric

long spigot

formgespritzt

injection moulded

Stumpf + E-Muffenschweissung**Butt + E-socket-welding****PPR grau****PPR grey****Code: 067**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
280/250	11.067.2825.11	280/250 SDR11 ISO S-5	280	250	25,4	355	22,7	6,22
315/200	11.067.3120.11	315/200 SDR11 ISO S-5	315	200	28,6	380	18,2	7,12
315/250	11.067.3125.11	315/250 SDR11 ISO S-5	315	250	28,6	375	22,7	7,76

 PEHD-ESD EL
 HDPE-ESD EL

 PVDF
 PVDF

 ECTFE
 ECTFE

 DOPPELROHR
 DUAL PIPE

 COOLSAFE
 COOLSAFE

 ZUBEHÖR
 ACCESSORIES

 SEAL CLEAN
 SEAL CLEAN

 SCHWEISSEN
 WELDING

Reduktion exzentrisch

lange Schenkel

formgespritzt

Stumpf + E-Muffenschweißung

PPR grau

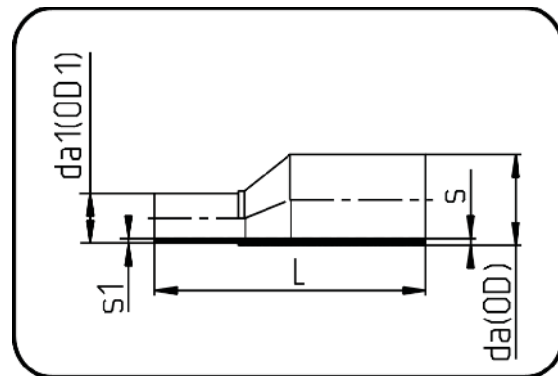
Reducer excentric

long spigot

injection moulded

Butt + E-socket-welding

PPR grey



Code: 069

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
25/20	11.069.2520.11	25/20 SDR11 ISO S-5	25	20	2,3	103	1,9	0,02
32/25	11.069.3225.11	32/25 SDR11 ISO S-5	32	25	3	114	2,3	0,02
40/25	11.069.4025.11	40/25 SDR11 ISO S-5	40	25	3,7	126	2,3	0,05
40/32	11.069.4032.11	40/32 SDR11 ISO S-5	40	32	3,7	125	3	0,05
50/32	11.069.5032.11	50/32 SDR11 ISO S-5	50	32	4,6	156	2,9	0,08
50/40	11.069.5040.11	50/40 SDR11 ISO S-5	50	40	4,6	157	3,7	0,09
63/32	11.069.6332.11	63/32 SDR11 ISO S-5	63	32	5,8	177	2,9	0,13
63/40	11.069.6340.11	63/40 SDR11 ISO S-5	63	40	5,8	177	3,7	0,13
63/50	11.069.6350.11	63/50 SDR11 ISO S-5	63	50	5,8	177	4,6	0,15
75/50	11.069.7550.11	75/50 SDR11 ISO S-5	75	50	6,8	197	4,6	0,22
75/63	11.069.7563.11	75/63 SDR11 ISO S-5	75	63	6,8	197	5,8	0,24
90/63	11.069.9063.11	90/63 SDR11 ISO S-5	90	63	8,2	220	5,8	0,35
90/75	11.069.9075.11	90/75 SDR11 ISO S-5	90	75	8,2	223	6,8	0,39
110/63	11.069.1163.11	110/63 SDR11 ISO S-5	110	63	10	247	5,8	0,55
110/90	11.069.1190.11	110/90 SDR11 ISO S-5	110	90	10	244	8,2	0,63
125/63	11.069.1263.11	125/63 SDR11 ISO S-5	125	63	11,4	268	5,8	0,79
125/90	11.069.1290.11	125/90 SDR11 ISO S-5	125	90	11,4	265	8,2	0,86
125/110	11.069.1211.11	125/110 SDR11 ISO S-5	125	110	11,4	260	10	0,93
140/125	11.069.1412.11	140/125 SDR11 ISO S-5	140	125	12,7	287	11,4	1,27
160/90	11.069.1690.11	160/90 SDR11 ISO S-5	160	90	14,6	309	8,2	1,48
160/110	11.069.1611.11	160/110 SDR11 ISO S-5	160	110	14,6	309	10	1,56
160/125	11.069.1612.11	160/125 SDR11 ISO S-5	160	125	14,6	309	11,4	1,66
160/140	11.069.1614.11	160/140 SDR11 ISO S-5	160	140	14,6	308	12,7	1,76
180/90	11.069.1890.11	180/90 SDR11 ISO S-5	180	90	16,4	348	8,2	2,12
180/125	11.069.1812.11	180/125 SDR11 ISO S-5	180	125	16,4	353	11,4	2,38
180/160	11.069.1816.11	180/160 SDR11 ISO S-5	180	160	16,4	353	14,6	2,68
200/160	11.069.2016.11	200/160 SDR11 ISO S-5	200	160	18,2	373	14,6	3,20
200/180	11.069.2018.11	200/180 SDR11 ISO S-5	200	180	18,2	373	16,4	3,41
225/160	11.069.2216.11	225/160 SDR11 ISO S-5	225	160	20,5	405	14,6	4,20
225/180	11.069.2218.11	225/180 SDR11 ISO S-5	225	180	20,5	403	16,4	4,44
225/200	11.069.2220.11	225/200 SDR11 ISO S-5	225	200	20,5	403	18,2	4,62
250/200	11.069.2521.11	250/200 SDR11 ISO S-5	250	200	22,7	440,5	18,2	6,02
250/225	11.069.2522.11	250/225 SDR11 ISO S-5	250	225	22,7	442	20,5	6,34

Bogen 90°

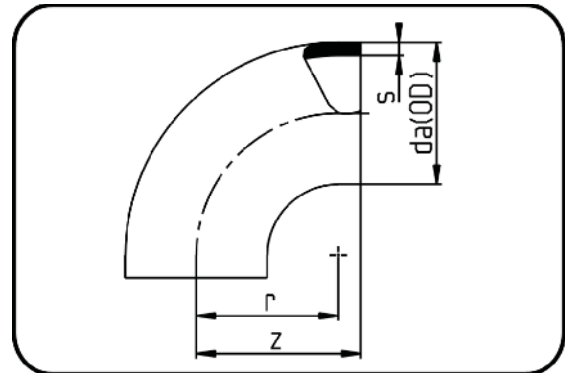
kurze Schenkel

Bend 90°

short spigot

formgespritzt

injection moulded

Stumpfschweissung**Butt-welding****PPR grau****PPR grey****Code: 001**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	r mm	Gewicht Weight
110	11.001.0110.33	110X3,4 SDR33 ISO S-16	110	3,4	120	110	0,25
125	11.001.0125.33	125X3,9 SDR33 ISO S-16	125	3,9	140	125	0,33
140	11.001.0140.33	140X4,3 SDR33 ISO S-16	140	4,3	150	140	0,46
160	11.001.0160.33	160X4,9 SDR33 ISO S-16	160	4,9	180	155	0,74
180	11.001.0180.33	180X5,5 SDR33 ISO S-16	180	5,5	200	180	1,00
200	11.001.0200.33	200X6,2 SDR33 ISO S-16	200	6,2	220	200	1,32
225	11.001.0225.33	225X6,9 SDR33 ISO S-16	225	6,9	245	225	1,81
250	11.001.0250.33	250X7,7 SDR33 ISO S-16	250	7,7	290	265	2,74
280	11.001.0280.33	280X8,6 SDR33 ISO S-16	280	8,6	290	260	3,60
315	11.001.0315.33	315X9,7 SDR33 ISO S-16	315	9,7	340	300	5,00
355	11.001.0355.33	355X10,9 SDR33 ISO S-16	355	10,9	340	300	6,36
400	11.001.0400.33	400X12,3 SDR33 ISO S-16	400	12,3	345	300	8,12
450	11.001.0450.33	450X13,8 SDR33 ISO S-16	450	13,8	445	400	14,18
500	11.001.0500.33	500X15,3 SDR33 ISO S-16	500	15,3	445	400	17,56
250	11.001.0250.17	250X14,8 SDR17 ISO S-8	250	14,8	285	265	4,96
280	11.001.0280.17	280X16,6 SDR17 ISO S-8	280	16,6	290	265	6,20
315	11.001.0315.17	315X18,7 SDR17 ISO S-8	315	18,7	340	300	9,42
355	11.001.0355.17	355X21,1 SDR17 ISO S-8	355	21,1	340	300	11,26
400	11.001.0400.17	400X23,7 SDR17 ISO S-8	400	23,7	340	300	14,48
450	11.001.0450.17	450X26,7 SDR17 ISO S-8	450	26,7	445	400	24,24
500	11.001.0500.17	500X29,7 SDR17 ISO S-8	500	29,7	445	400	30,32
250	11.001.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	290	265	7,44
280	11.001.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	290	265	8,92
315	11.001.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	340	300	13,54
355	11.001.0355.11	355X32,2 SDR11 ISO S-5	355	32,2	340	300	17,36
400	11.001.0400.11	400X36,3 SDR11 ISO S-5	400	36,3	345	300	22,00
450	11.001.0450.11	450X40,9 SDR11 ISO S-5	450	40,9	445	400	35,56
500	11.001.0500.11	500X45,4 SDR11 ISO S-5	500	45,4	445	400	44,46

T-Stück

kurze Schenkel

formgespritzt

Stumpfschweissung

PPR grau

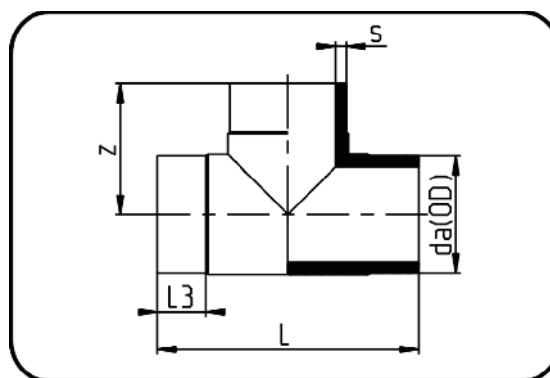
Tee

short spigot

injection moulded

Butt-welding

PPR grey



Code: 006

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	L mm	L3 mm	Gewicht Weight
110	11.006.0110.33	110X3,4 SDR33 ISO S-16	110	3,4	109	223	33	0,44
125	11.006.0125.33	125X3,9 SDR33 ISO S-16	125	3,9	115	230	40	0,49
140	11.006.0140.33	140X4,3 SDR33 ISO S-16	140	4,3	125	253	25	1,02
160	11.006.0160.33	160X4,9 SDR33 ISO S-16	160	4,9	173	346	57	1,68
180	11.006.0180.33	180X5,5 SDR33 ISO S-16	180	5,5	186	372	57	2,36
200	11.006.0200.33	200X6,2 SDR33 ISO S-16	200	6,2	205	410	57	3,20
225	11.006.0225.33	225X6,9 SDR33 ISO S-16	225	6,9	222	448	57	4,26
250	11.006.0250.33	250X7,7 SDR33 ISO S-16	250	7,7	237	475	70	6,10
280	11.006.0280.33	280X8,6 SDR33 ISO S-16	280	8,6	270	540	80	8,20
315	11.006.0315.33	315X9,7 SDR33 ISO S-16	315	9,7	277	558	80	9,64
355	11.006.0355.33	355X10,9 SDR33 ISO S-16	355	10,9	346	691	100	16,08
400	11.006.0400.33	400X12,3 SDR33 ISO S-16	400	12,3	355	710	104	18,58
450	11.006.0450.33	450X13,8 SDR33 ISO S-16	450	13,8	450	900	130	30,74
500	11.006.0500.33	500X15,3 SDR33 ISO S-16	500	15,3	450	895	130	33,66
63	11.006.0063.17	63X3,8 SDR17 ISO S-8	63	3,8	72	145	25	0,17
75	11.006.0075.17	75X4,5 SDR17 ISO S-8	75	4,5	75	150	16	0,31
90	11.006.0090.17	90X5,4 SDR17 ISO S-8	90	5,4	107	212	38	0,52
110	11.006.0110.17	110X6,6 SDR17 ISO S-8	110	6,6	121	251	50,5	0,90
125	11.006.0125.17	125X7,4 SDR17 ISO S-8	125	7,4	140	280	50	1,24
140	11.006.0140.17	140X8,3 SDR17 ISO S-8	140	8,3	150	304	54	1,72
160	11.006.0160.17	160X9,5 SDR17 ISO S-8	160	9,5	173	346	57	2,44
180	11.006.0180.17	180X10,7 SDR17 ISO S-8	180	10,7	186	372	57	3,42
200	11.006.0200.17	200X11,9 SDR17 ISO S-8	200	11,9	202,5	405	57	4,52
225	11.006.0225.17	225X13,4 SDR17 ISO S-8	225	13,4	222,5	445	57	6,32
250	11.006.0250.17	250X14,8 SDR17 ISO S-8	250	14,8	235	470	70	8,28
280	11.006.0280.17	280X16,6 SDR17 ISO S-8	280	16,6	272	543	80	12,04
315	11.006.0315.17	315X18,7 SDR17 ISO S-8	315	18,7	275	550	80	14,38
355	11.006.0355.17	355X21,1 SDR17 ISO S-8	355	21,1	340	680	104	22,90
400	11.006.0400.17	400X23,7 SDR17 ISO S-8	400	23,7	352,5	705	106	27,74
450	11.006.0450.17	450X26,7 SDR17 ISO S-8	450	26,7	450	895	134	45,10
500	11.006.0500.17	500X29,7 SDR17 ISO S-8	500	29,7	450	900	130	51,08
20	11.006.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	34	68	17,5	0,01

T-Stück

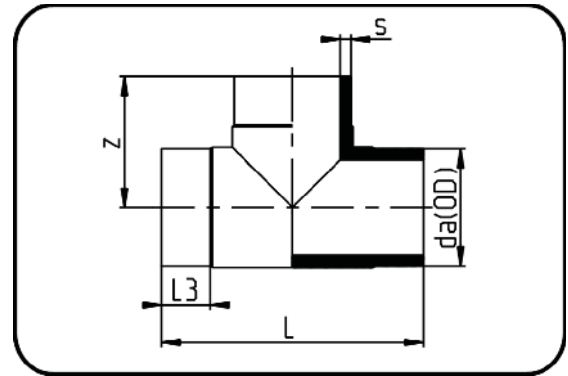
kurze Schenkel

Tee

short spigot

formgespritzt

injection moulded

Stumpfschweissung**Butt-welding****PPR grau****PPR grey****Code: 006**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	L mm	L3 mm	Gewicht Weight
25	11.006.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	40	80	20,5	0,02
32	11.006.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	45	90	20,5	0,04
40	11.006.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	50	100	20,5	0,06
50	11.006.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	60	120	23	0,11
63	11.006.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	72	144	25	0,22
75	11.006.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	75	152	15	0,39
90	11.006.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	105	213	38	0,68
110	11.006.0110.11	110X10,0 SDR11 ISO S-5	110	10	122	253	51	1,18
125	11.006.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	140	280	52	1,70
140	11.006.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	152	305	53	2,38
160	11.006.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	173	346	57	3,30
180	11.006.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	186	372	57	4,38
200	11.006.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	202,5	405	57	6,06
225	11.006.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	222,5	445	57	8,20
250	11.006.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	235	470	72	10,86
280	11.006.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	270	540	80	15,60
315	11.006.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	275	550	80	18,92
355	11.006.0355.11	355X32,2 SDR11 ISO S-5	355	32,2	345	690	105	30,64
400	11.006.0400.11	400X36,3 SDR11 ISO S-5	400	36,3	355	700	103	37,96
450	11.006.0450.11	450X40,9 SDR11 ISO S-5	450	40,9	450	900	130	63,00
500	11.006.0500.11	500X45,4 SDR11 ISO S-5	500	45,4	450	900	130	71,00

T-Stück reduziert

kurze Schenkel

formgespritzt

Stumpfschweissung

PPR grau

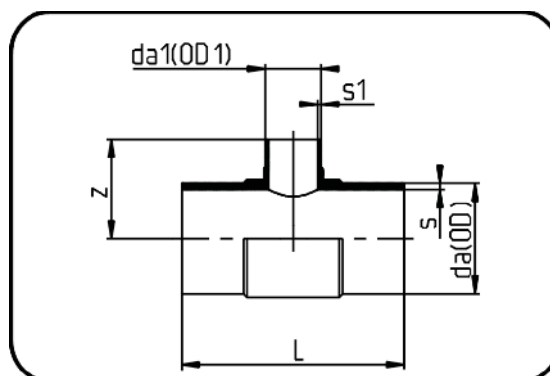
Tee reduced

short spigot

injection moulded

Butt-welding

PPR grau



Code: 016

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	z mm	L mm	s1 mm	Gewicht Weight
140/63	11.016.1463.17	140/63 SDR17 ISO S-8	140	63	8,3	120	302	3,8	1,31
140/75	11.016.1475.17	140/75 SDR17 ISO S-8	140	75	8,3	130	300	4,5	1,40
140/90	11.016.1490.17	140/90 SDR17 ISO S-8	140	90	8,3	130	300	5,4	1,32
140/110	11.016.1411.17	140/110 SDR17 ISO S-8	140	110	8,3	139	300	6,6	1,64
160/125	11.016.1612.17	160/125 SDR17 ISO S-8	160	125	9,5	150	315	7,4	2,04
180/63	11.016.1863.17	180/63 SDR17 ISO S-8	180	63	10,7	139	358	3,8	2,06
180/75	11.016.1875.17	180/75 SDR17 ISO S-8	180	75	10,7	140	360	4,5	2,10
180/110	11.016.1811.17	180/110 SDR17 ISO S-8	180	110	10,7	160	365	6,6	2,16
180/125	11.016.1812.17	180/125 SDR17 ISO S-8	180	125	10,7	156	365	7,4	2,24
225/125	11.016.2212.17	225/125 SDR17 ISO S-8	225	125	13,4	180	455	7,4	4,19
90/32	11.016.9032.11	90/32 SDR11 ISO S-5	90	32	8,2	85	213	2,9	0,56
90/50	11.016.9050.11	90/50 SDR11 ISO S-5	90	50	8,2	90	213	4,6	0,56
110/32	11.016.1132.11	110/32 SDR11 ISO S-5	110	32	10	94	244	2,9	0,91
110/50	11.016.1150.11	110/50 SDR11 ISO S-5	110	50	10	103	244	4,6	0,95
125/63	11.016.1263.11	125/63 SDR11 ISO S-5	125	63	11,4	112	280	5,8	1,40
140/63	11.016.1463.11	140/63 SDR11 ISO S-5	140	63	12,7	120	302	5,8	1,80
140/75	11.016.1475.11	140/75 SDR11 ISO S-5	140	75	12,7	130	305	6,8	1,92
140/90	11.016.1490.11	140/90 SDR11 ISO S-5	140	90	12,7	130	305	8,2	1,84
140/110	11.016.1411.11	140/110 SDR11 ISO S-5	140	110	12,7	141	305	10	2,18
160/125	11.016.1612.11	160/125 SDR11 ISO S-5	160	125	14,6	158	335	11,4	2,72
180/63	11.016.1863.11	180/63 SDR11 ISO S-5	180	63	16,4	144	367	5,8	3,04
180/75	11.016.1875.11	180/75 SDR11 ISO S-5	180	75	16,4	148	366	6,8	3,10
180/125	11.016.1812.11	180/125 SDR11 ISO S-5	180	125	16,4	166	366	11,4	3,28
225/125	11.016.2212.11	225/125 SDR11 ISO S-5	225	125	20,5	178	456	11,4	6,12

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

Vorschweissbund DIN

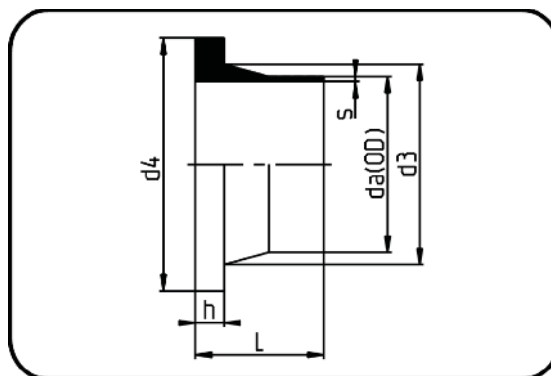
kurze Schenkel

Stub Flange DIN

short spigot

formgespritzt

injection moulded

Stumpfschweissung**Butt-welding****PPR grau****PPR grey****Code: 012**

Dimension	Code	Detail	da(OD)	s	L	d3	d4	h	Gewicht
Dimension	Code	Detail	mm	mm	mm	mm	mm	mm	Weight
110	11.012.0110.33	110X3,4 SDR33 ISO S-16	110	3,4	80	125	158	18	0,28
125	11.012.0125.33	125X3,9 SDR33 ISO S-16	125	3,9	80	132	158	18	0,28
140	11.012.0140.33	140X4,3 SDR33 ISO S-16	140	4,3	80	155	188	18	0,41
160	11.012.0160.33	160X4,9 SDR33 ISO S-16	160	4,9	80	175	212	18	0,52
180	11.012.0180.33	180X5,5 SDR33 ISO S-16	180	5,5	95	183	212	18	0,45
200	11.012.0200.33	200X6,2 SDR33 ISO S-16	200	6,2	113	232	268	18	1,04
225	11.012.0225.33	225X6,9 SDR33 ISO S-16	225	6,9	113	235	268	18	0,82
250	11.012.0250.33	250X7,7 SDR33 ISO S-16	250	7,7	132	285	320	20	1,73
280	11.012.0280.33	280X8,6 SDR33 ISO S-16	280	8,6	128	288	320	20	1,43
315	11.012.0315.33	315X9,7 SDR33 ISO S-16	315	9,7	136	335	370	20	2,08
355	11.012.0355.33	355X10,9 SDR33 ISO S-16	355	10,9	150	373	430	23	3,00
400	11.012.0400.33	400X12,3 SDR33 ISO S-16	400	12,3	155	427	482	26	3,98
450	11.012.0450.33	450X13,8 SDR33 ISO S-16	450	13,8	168	514	585	33	7,82
500	11.012.0500.33	500X15,3 SDR33 ISO S-16	500	15,3	175	530	585	33	6,96
560	11.012.0560.33	560X17,2 SDR33 ISO S-16	560	17,2	120	615	685	35	8,75
630	11.012.0630.33	630X19,3 SDR33 ISO S-16	630	19,3	184	642	685	35	8,46
63	11.012.0063.17	63X3,8 SDR17 ISO S-8	63	3,8	50	75	102	14	0,11
75	11.012.0075.17	75X4,5 SDR17 ISO S-8	75	4,5	50	89	122	16	0,17
90	11.012.0090.17	90X5,4 SDR17 ISO S-8	90	5,4	82	105	138	17	0,27
110	11.012.0110.17	110X6,6 SDR17 ISO S-8	110	6,6	80	125	158	18	0,36
125	11.012.0125.17	125X7,4 SDR17 ISO S-8	125	7,4	84	132	158	18	0,34
140	11.012.0140.17	140X8,3 SDR17 ISO S-8	140	8,3	92	155	188	18	0,55
160	11.012.0160.17	160X9,5 SDR17 ISO S-8	160	9,5	92	175	212	18	0,70
180	11.012.0180.17	180X10,7 SDR17 ISO S-8	180	10,7	92	183	212	20	0,69
200	11.012.0200.17	200X11,9 SDR17 ISO S-8	200	11,9	110	232	268	24	1,46
225	11.012.0225.17	225X13,4 SDR17 ISO S-8	225	13,4	113	235	268	24	1,42
250	11.012.0250.17	250X14,8 SDR17 ISO S-8	250	14,8	132	285	320	25	2,44
280	11.012.0280.17	280X16,6 SDR17 ISO S-8	280	16,6	128	288	320	25	2,24
315	11.012.0315.17	315X18,7 SDR17 ISO S-8	315	18,7	136	335	370	25	3,12
355	11.012.0355.17	355X21,1 SDR17 ISO S-8	355	21,1	150	373	430	30	4,48
400	11.012.0400.17	400X23,7 SDR17 ISO S-8	400	23,7	155	427	482	33	5,98
450	11.012.0450.17	450X26,7 SDR17 ISO S-8	450	26,7	170	514	585	46	11,34
500	11.012.0500.17	500X29,7 SDR17 ISO S-8	500	29,7	175	530	585	46	10,64

Vorschweissbund DIN

kurze Schenkel

formgespritzt

Stumpfschweissung

PPR grau

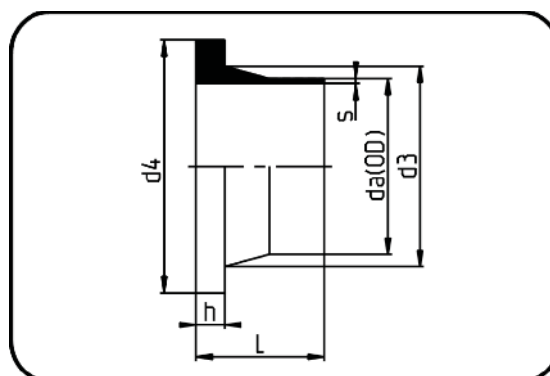
Stub Flange DIN

short spigot

injection moulded

Butt-welding

PPR grey



Code: 012

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	d3 mm	d4 mm	h mm	Gewicht Weight
560	11.012.0560.17	560X33,2 SDR17 ISO S-8	560	33,2	120	615	685	50	12,31
630	11.012.0630.17	630X37,4 SDR17 ISO S-8	630	37,4	180	642	685	50	14,72
20	11.012.0020.11	20X1,9 SDR11 ISO S-5	20	1,9	52	27	45	7	0,01
25	11.012.0025.11	25X2,3 SDR11 ISO S-5	25	2,3	52	33	58	9	0,03
32	11.012.0032.11	32X2,9 SDR11 ISO S-5	32	2,9	50	40	68	10	0,04
40	11.012.0040.11	40X3,7 SDR11 ISO S-5	40	3,7	52	50	78	11	0,06
50	11.012.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	53	61	88	12	0,09
63	11.012.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	50	75	102	14	0,12
75	11.012.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	50,5	89	122	16	0,19
90	11.012.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	82	105	138	17	0,32
110	11.012.0110.11	110X10,0 SDR11 ISO S-5	110	10	82	125	158	18	0,44
125	11.012.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	82	132	158	25	0,49
140	11.012.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	92	155	188	25	0,76
160	11.012.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	92	175	212	25	0,96
180	11.012.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	93	183	212	30	1,00
200	11.012.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	114	232	268	32	2,04
225	11.012.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	113	235	268	32	1,96
250	11.012.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	130	285	320	35	3,30
280	11.012.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	128	288	320	35	3,16
315	11.012.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	136	335	370	35	4,60
355	11.012.0355.11	355X32,2 SDR11 ISO S-5	355	32,2	150	373	430	40	6,56
400	11.012.0400.11	400X36,3 SDR11 ISO S-5	400	36,3	155	427	482	46	8,62
450	11.012.0450.11	450X40,9 SDR11 ISO S-5	450	40,9	165	514	585	60	15,36
500	11.012.0500.11	500X45,4 SDR11 ISO S-5	500	45,4	175	530	585	60	14,92
630	11.012.0630.11	630X57,2 SDR11 ISO S-5	630	57,2	175	642	685	60	20,90

Flansche finden Sie bitte unter Zubehör.

Backing Rings please see Accessories.

Vorschweissbund ANSI

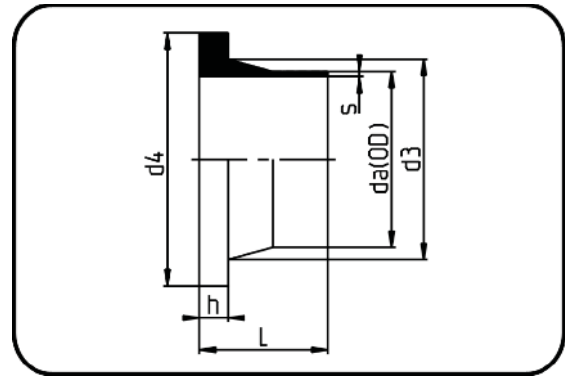
kurze Schenkel

Stub Flange ANSI

short spigot

formgespritzt

injection moulded

Stumpfschweissung**Butt-welding****PPR grau****PPR grey****Code: 012.1**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	d3 mm	d4 mm	h mm	Gewicht Weight
20	11.012.1020.11	20X1,9 SDR11 ISO S-5	20	1,9	52	27	44,5	7	0,02
25	11.012.1025.11	25X2,3 SDR11 ISO S-5	25	2,3	52	33	54,1	9	0,02
32	11.012.1032.11	32X2,9 SDR11 ISO S-5	32	2,9	50	40	63,5	10	0,04
40	11.012.1040.11	40X3,7 SDR11 ISO S-5	40	3,7	52	50	71,5	11	0,05
50	11.012.1050.11	50X4,6 SDR11 ISO S-5	50	4,6	53	61	82,55	12	0,08
63	11.012.1063.11	63X5,8 SDR11 ISO S-5	63	5,8	50	75	100,4	14	0,12
75	11.012.1075.11	75X6,8 SDR11 ISO S-5	75	6,8	50,5	89	117	16	0,17
90	11.012.1090.11	90X8,2 SDR11 ISO S-5	90	8,2	82	105	132,4	17	0,30
110	11.012.1110.11	110X10,0 SDR11 ISO S-5	110	10	82	125	158	18	0,44
125	11.012.1125.11	125X11,4 SDR11 ISO S-5	125	11,4	80	132	158	25	0,49
160	11.012.1160.11	160X14,6 SDR11 ISO S-5	160	14,6	92	175	212	25	0,96
200	11.012.1200.11	200X18,2 SDR11 ISO S-5	200	18,2	114	232	268	32	2,04
225	11.012.1225.11	225X20,5 SDR11 ISO S-5	225	20,5	113	235	268	32	1,96
250	11.012.1250.11	250X22,7 SDR11 ISO S-5	250	22,7	130	285	320	35	3,32
315	11.012.1315.11	315X28,6 SDR11 ISO S-5	315	28,6	136	335	370	35	3,60
355	11.012.1355.11	355X32,2 SDR11 ISO S-5	355	32,2	150	373	430	40	6,48
400	11.012.1400.11	400X36,3 SDR11 ISO S-5	400	36,3	155	427	482	46	8,57
450	11.012.1450.11	450X40,9 SDR11 ISO S-5	450	40,9	165	492	545	60	12,80

Flansche finden Sie bitte unter Zubehör.

Backing Rings please see Accessories.

Vorschweissbund JIS

kurze Schenkel

formgespritzt

Stumpfschweissung

PPR grau

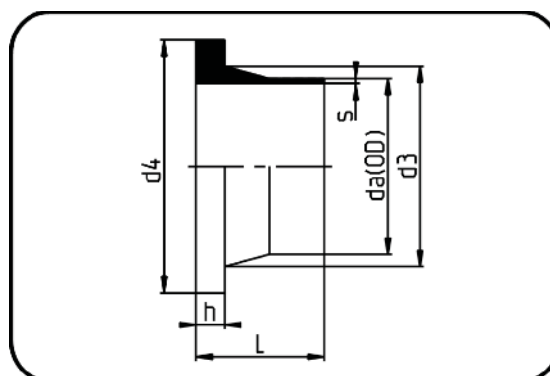
Stub Flange JIS

short spigot

injection moulded

Butt-welding

PPR grau



Code: 012.2

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	d3 mm	d4 mm	h mm	Gewicht Weight
20	11.012.2020.11	20X2,5 SDR11 ISO S-5	20	1,9	52	27	45	7	0,02
25	11.012.2025.11	25X2,7 SDR11 ISO S-5	25	2,3	52	33	58	9	0,03
32	11.012.2032.11	32X2,9 SDR11 ISO S-5	32	2,9	50	40	68	10	0,04
40	11.012.2040.11	40X3,7 SDR11 ISO S-5	40	3,7	52	50	78	11	0,06
50	11.012.2050.11	50X4,6 SDR11 ISO S-5	50	4,6	53	61	84	12	0,08
63	11.012.2063.11	63X5,8 SDR11 ISO S-5	63	5,8	50	75	99	14	0,12
75	11.012.2075.11	75X6,8 SDR11 ISO S-5	75	6,8	50,5	89	119	16	0,19
90	11.012.2090.11	90X8,2 SDR11 ISO S-5	90	8,2	80	105	129	17	0,29
110	11.012.2110.11	110X10,0 SDR11 ISO S-5	110	10	82	125	154	18	0,41
125	11.012.2125.11	125X11,4 SDR11 ISO S-5	125	11,4	82	132	154	25	0,51
140	11.012.2140.11	140X12,7 SDR11 ISO S-5	140	12,7	92	155	185	25	0,74
160	11.012.2160.11	160X14,6 SDR11 ISO S-5	160	14,6	92	175	212	25	0,94
200	11.012.2200.11	200X18,2 SDR11 ISO S-5	200	18,2	114	232	268	32	1,94
225	11.012.2225.11	225X20,5 SDR11 ISO S-5	225	20,5	113	235	265	32	1,90
250	11.012.2250.11	250X22,7 SDR11 ISO S-5	250	22,7	130	285	320	35	3,26
280	11.012.2280.11	280X25,4 SDR11 ISO S-5	280	25,4	128	288	320	35	3,16
315	11.012.2315.11	315X28,6 SDR11 ISO S-5	315	28,6	136	335	370	35	4,46

Flansche finden Sie bitte unter Zubehör.

Backing Rings please see Accessories.

Armaturenband DIN

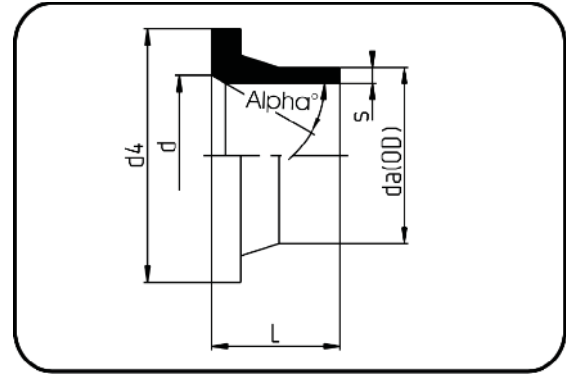
für Absperrklappen

formgespritzt+ausgedreht

Stumpfschweissung**PPR grau****Chamfered Stub Flange
DIN**

for butterfly valves

injection moulded+chamfered

Butt-welding**PPR grey****Code: 012.9**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	d mm	d4 mm	alph [°]	Gewicht Weight
110	11.012.9110.11	110X10,0 SDR11 ISO S-5	110	10	82	100	158	30	0,42
140	11.012.9140.11	140X12,7 SDR11 ISO S-5	140	12,7	92	125	188	30	0,74
160	11.012.9160.11	160X14,6 SDR11 ISO S-5	160	14,6	92	150	212	30	0,92
180	11.012.9180.11	180X16,4 SDR11 ISO S-5	180	16,4	93	150	212	30	1,00
200	11.012.9200.11	200X18,2 SDR11 ISO S-5	200	18,2	114	210	268	30	1,79
225	11.012.9225.11	225X20,5 SDR11 ISO S-5	225	20,5	113	210	268	30	1,86
250	11.012.9250.11	250X22,7 SDR11 ISO S-5	250	22,7	130	255	320	25	2,87
280	11.012.9280.11	280X25,4 SDR11 ISO S-5	280	25,4	128	255	320	25	2,94
315	11.012.9315.11	315X28,6 SDR11 ISO S-5	315	28,6	136	301	370	30	4,10
355	11.012.9355.11	355X32,2 SDR11 ISO S-5	355	32,2	150	338	430	30	5,96
400	11.012.9400.11	400X36,3 SDR11 ISO S-5	400	36,3	155	378	482	30	7,92

Flansche finden Sie bitte unter Zubehör.
 Backing Rings please see Accessories.

Armaturenband DIN

für Absperrklappen

mechanisch gefertigt

Stumpfschweissung

PPR grau

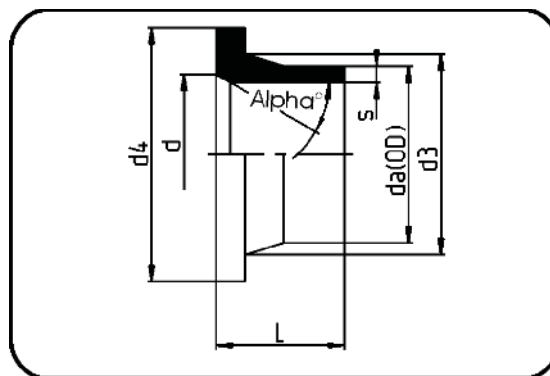
**Chamfered Stub Flange
DIN**

for butterfly valves

machined

Butt-welding

PPR grey



Code: 312.9

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	d mm	d4 mm	alph [°]	Gewicht Weight
355	11.312.9355.17	355X21,1 SDR17 ISO S-8	355	21,1	150	355	430	25	5,90
400	11.312.9400.17	400X23,7 SDR17 ISO S-8	400	23,7	175	404	482	25	7,40
500	11.312.9500.17	500X29,7 SDR17 ISO S-8	500	29,7	175	505	585	25	10,20
560	11.312.9560.17	560X33,2 SDR17 ISO S-8	560	33,2	200	602	685	25	15,60
315	11.312.9315.11	315X28,6 SDR11 ISO S-5	315	28,6	151	308	370	25	4,74
355	11.312.9355.11	355X32,2 SDR11 ISO S-5	355	32,2	150	355	430	25	6,58
400	11.312.9400.11	400X36,3 SDR11 ISO S-5	400	36,3	175	404	482	25	9,60
500	11.312.9500.11	500X45,4 SDR11 ISO S-5	500	45,4	200	505	585	25	15,40

Flansche finden Sie bitte unter Zubehör.

Backing Rings please see Accessories.

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

Armaturenbund ANSI

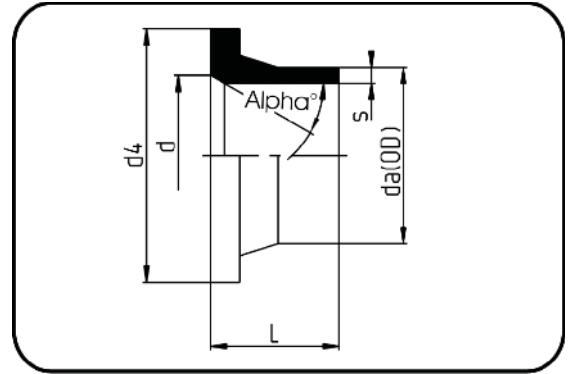
für Absperrklappen

formgespritzt+ausgedreht

Stumpfschweissung**PPR grau****Chamfered Stub Flange ANSI**

for butterfly valves

injection moulded+chamfered

Butt-welding**PPR grey****Code: 012.7**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	d mm	d4 mm	alph [°]	Gewicht Weight
110	11.012.7110.11	110X10,0 SDR11 ISO S-5	110	10	82	100	158	30	0,42
140	11.012.7140.11	140X12,7 SDR11 ISO S-5	140	12,7	92	125	188	30	0,73
160	11.012.7160.11	160X14,6 SDR11 ISO S-5	160	14,6	92	150	212	30	0,90
180	11.012.7180.11	180X16,4 SDR11 ISO S-5	180	16,4	93	150	212	30	1,00
200	11.012.7200.11	200X18,2 SDR11 ISO S-5	200	18,2	114	210	268	30	1,80
225	11.012.7225.11	225X20,5 SDR11 ISO S-5	225	20,5	113	210	268	30	1,86
250	11.012.7250.11	250X22,7 SDR11 ISO S-5	250	22,7	130	255	320	25	2,80
280	11.012.7280.11	280X25,4 SDR11 ISO S-5	280	25,4	128	255	320	25	2,94
315	11.012.7315.11	315X28,6 SDR11 ISO S-5	315	28,6	136	301	370	30	4,20
355	11.012.7355.11	355X32,2 SDR11 ISO S-5	355	32,2	150	338	430	30	5,80
400	11.012.7400.11	400X36,3 SDR11 ISO S-5	400	36,3	155	378	482	30	7,98

Flansche finden Sie bitte unter Zubehör.
 Backing Rings please see Accessories.

Reduktion konzentrisch

kurze Schenkel

formgespritzt

Stumpfschweissung

PPR grau

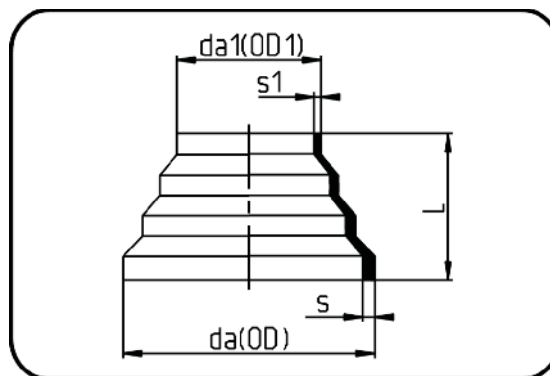
Reducer concentric

short spigot

injection moulded

Butt-welding

PPR grey



Code: 007

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
110/63	11.007.1163.33	110/63 SDR33 ISO S-16	110	63	3,4	62	3	0,06
125/75	11.007.1275.33	125/75 SDR33 ISO S-16	125	75	3,9	72	2,3	0,09
160/110	11.007.1611.33	160/110 SDR33 ISO S-16	160	110	4,9	83	3,4	0,16
225/160	11.007.2216.33	225/160 SDR33 ISO S-16	225	160	6,9	94	4,9	0,40
315/225	11.007.3122.33	315/225 SDR33 ISO S-16	315	225	9,7	134	6,9	1,04
450/315	11.007.4531.33	450/315 SDR33 ISO S-16	450	315	13,8	170	9,7	3,22
630/450	11.007.6345.33	630/450 SDR33 ISO S-16	630	450	19,3	188	13,8	6,86
75/32	11.007.7532.17	75/32 SDR17 ISO S-8	75	32	4,5	71	1,9	0,04
110/63	11.007.1163.17	110/63 SDR17 ISO S-8	110	63	6,6	62	3,8	0,10
125/75	11.007.1275.17	125/75 SDR17 ISO S-8	125	75	7,4	72	4,5	0,15
160/110	11.007.1611.17	160/110 SDR17 ISO S-8	160	110	9,5	83	6,6	0,28
225/160	11.007.2216.17	225/160 SDR17 ISO S-8	225	160	13,4	94	9,5	0,66
315/225	11.007.3122.17	315/225 SDR17 ISO S-8	315	225	18,7	134	13,4	1,86
450/315	11.007.4531.17	450/315 SDR17 ISO S-8	450	315	26,7	167	18,7	4,84
630/450	11.007.6345.17	630/450 SDR17 ISO S-8	630	450	37,4	188	26,7	10,60
63/16	11.007.6316.11	63/16 SDR11 ISO S-5	63	16	5,8	97	1,8	0,04
75/32	11.007.7532.11	75/32 SDR11 ISO S-5	75	32	6,8	71	2,9	0,06
110/63	11.007.1163.11	110/63 SDR11 ISO S-5	110	63	10	62	5,8	0,14
125/75	11.007.1275.11	125/75 SDR11 ISO S-5	125	75	11,4	72	6,8	0,20
160/110	11.007.1611.11	160/110 SDR11 ISO S-5	160	110	14,6	83	10	0,42
225/160	11.007.2216.11	225/160 SDR11 ISO S-5	225	160	20,5	94	14,6	0,94
315/225	11.007.3122.11	315/225 SDR11 ISO S-5	315	225	28,6	134	20,5	2,72
450/315	11.007.4531.11	450/315 SDR11 ISO S-5	450	315	40,9	181	28,6	7,62

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

Reduktion konzentrisch

kurze Schenkel

Reducer concentric

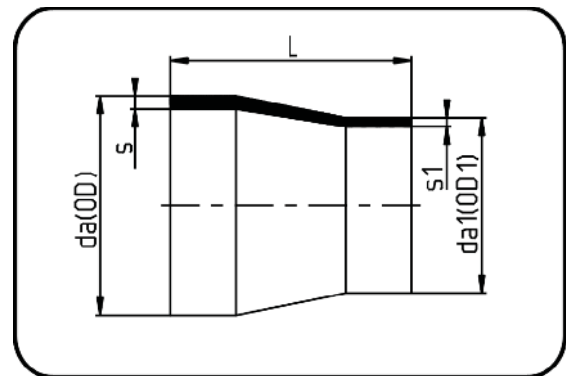
short spigot

Stumpfschweissung

PPR grau

Butt-welding

PPR grey



Code: 009

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
75/63	11.009.7563.17	75/63 SDR17 ISO S-8	75	63	4,5	60	3,8	0,05
90/63	11.009.9063.17	90/63 SDR17 ISO S-8	90	63	5,4	66	3,8	0,08
90/75	11.009.9075.17	90/75 SDR17 ISO S-8	90	75	5,4	66	4,5	0,10
110/63	11.009.1163.17	110/63 SDR17 ISO S-8	110	63	6,6	90	3,8	0,16
110/75	11.009.1175.17	110/75 SDR17 ISO S-8	110	75	6,6	85	4,5	0,19
110/90	11.009.1190.17	110/90 SDR17 ISO S-8	110	90	6,6	85	5,4	0,16
125/63	11.009.1263.17	125/63 SDR17 ISO S-8	125	63	7,4	100	3,8	0,23
125/75	11.009.1275.17	125/75 SDR17 ISO S-8	125	75	7,4	100	4,5	0,22
125/90	11.009.1290.17	125/90 SDR17 ISO S-8	125	90	7,4	90	5,4	0,19
125/110	11.009.1211.17	125/110 SDR17 ISO S-8	125	110	7,4	90	6,6	0,24
140/75	11.009.1475.17	140/75 SDR17 ISO S-8	140	75	8,3	110	4,5	0,33
140/90	11.009.1490.17	140/90 SDR17 ISO S-8	140	90	8,3	110	5,4	0,29
140/110	11.009.1411.17	140/110 SDR17 ISO S-8	140	110	8,3	100	6,6	0,28
140/125	11.009.1412.17	140/125 SDR17 ISO S-8	140	125	8,3	100	7,4	0,32
160/90	11.009.1690.17	160/90 SDR17 ISO S-8	160	90	9,5	115	5,4	0,47
160/110	11.009.1611.17	160/110 SDR17 ISO S-8	160	110	9,5	115	6,6	0,40
160/125	11.009.1612.17	160/125 SDR17 ISO S-8	160	125	9,5	110	7,4	0,45
160/140	11.009.1614.17	160/140 SDR17 ISO S-8	160	140	9,5	110	8,3	0,46
180/90	11.009.1890.17	180/90 SDR17 ISO S-8	180	90	10,7	157	5,4	0,75
180/110	11.009.1811.17	180/110 SDR17 ISO S-8	180	110	10,7	157	6,6	0,74
180/125	11.009.1812.17	180/125 SDR17 ISO S-8	180	125	10,7	122	7,4	0,56
180/140	11.009.1814.17	180/140 SDR17 ISO S-8	180	140	10,7	136	8,3	0,61
180/160	11.009.1816.17	180/160 SDR17 ISO S-8	180	160	10,7	122	9,5	0,69
200/140	11.009.2014.17	200/140 SDR17 ISO S-8	200	140	11,9	137	8,3	0,84
200/160	11.009.2016.17	200/160 SDR17 ISO S-8	200	160	11,9	128	9,5	0,74
200/180	11.009.2018.17	200/180 SDR17 ISO S-8	200	180	11,9	137	10,7	0,85
225/140	11.009.2214.17	225/140 SDR17 ISO S-8	225	140	13,4	162	8,3	1,12
225/160	11.009.2216.17	225/160 SDR17 ISO S-8	225	160	13,4	136	9,5	0,99
225/180	11.009.2218.17	225/180 SDR17 ISO S-8	225	180	13,4	162	10,7	1,33
225/200	11.009.2220.17	225/200 SDR17 ISO S-8	225	200	13,4	162	11,9	1,30
250/160	11.009.2516.17	250/160 SDR17 ISO S-8	250	160	14,8	149	9,5	1,31
250/180	11.009.2518.17	250/180 SDR17 ISO S-8	250	180	14,8	177	10,7	1,62
250/200	11.009.2521.17	250/200 SDR17 ISO S-8	250	200	14,8	144	11,9	1,38

Reduktion konzentrisch

kurze Schenkel

Reducer concentric

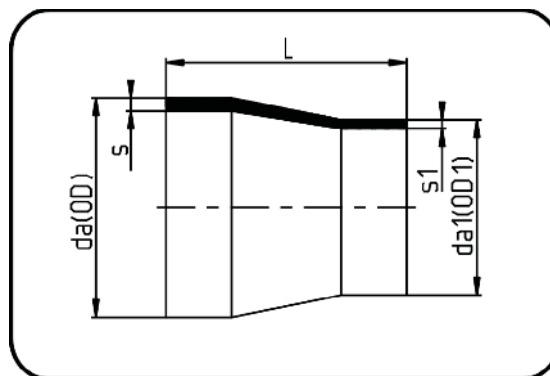
short spigot

Stumpfschweissung

PPR grau

Butt-welding

PPR grey



Code: 009

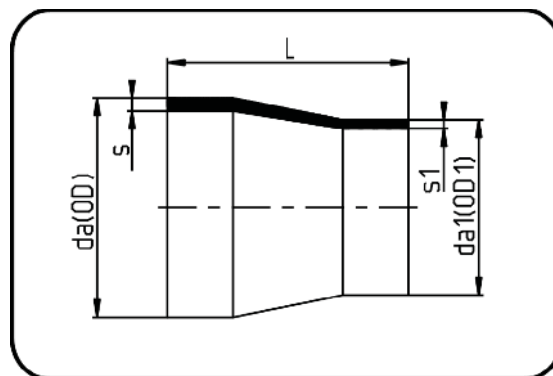
Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
250/225	11.009.2522.17	250/225 SDR17 ISO S-8	250	225	14,8	144	13,4	1,48
280/200	11.009.2820.17	280/200 SDR17 ISO S-8	280	200	16,6	202	11,9	2,40
280/225	11.009.2822.17	280/225 SDR17 ISO S-8	280	225	16,6	202	13,4	2,40
280/250	11.009.2825.17	280/250 SDR17 ISO S-8	280	250	16,6	165	14,8	2,32
315/200	11.009.3120.17	315/200 SDR17 ISO S-8	315	200	18,7	196	11,9	3,18
315/225	11.009.3122.17	315/225 SDR17 ISO S-8	315	225	18,7	207	13,4	2,94
315/250	11.009.3125.17	315/250 SDR17 ISO S-8	315	250	18,7	190	14,8	2,88
315/280	11.009.3128.17	315/280 SDR17 ISO S-8	315	280	18,7	227	16,6	3,64
25/20	11.009.2520.11	25/20 SDR11 ISO S-5	25	20	2,3	38	1,9	0,01
32/20	11.009.3220.11	32/20 SDR11 ISO S-5	32	20	2,9	40	1,9	0,01
32/25	11.009.3225.11	32/25 SDR11 ISO S-5	32	25	2,9	40	2,3	0,01
40/20	11.009.4020.11	40/20 SDR11 ISO S-5	40	20	3,7	43	1,9	0,01
40/25	11.009.4025.11	40/25 SDR11 ISO S-5	40	25	3,7	43	2,3	0,01
40/32	11.009.4032.11	40/32 SDR11 ISO S-5	40	32	3,7	37	2,9	0,01
50/25	11.009.5025.11	50/25 SDR11 ISO S-5	50	25	4,6	47	2,3	0,02
50/32	11.009.5032.11	50/32 SDR11 ISO S-5	50	32	4,6	41	2,9	0,02
50/40	11.009.5040.11	50/40 SDR11 ISO S-5	50	40	4,6	42	3,7	0,02
63/32	11.009.6332.11	63/32 SDR11 ISO S-5	63	32	5,8	57	2,9	0,04
63/40	11.009.6340.11	63/40 SDR11 ISO S-5	63	40	5,8	51	3,7	0,04
63/50	11.009.6350.11	63/50 SDR11 ISO S-5	63	50	5,8	57	4,6	0,04
75/32	11.009.7532.11	75/32 SDR11 ISO S-5	75	32	6,8	70	2,9	0,07
75/40	11.009.7540.11	75/40 SDR11 ISO S-5	75	40	6,8	70	3,7	0,07
75/50	11.009.7550.11	75/50 SDR11 ISO S-5	75	50	6,8	59	4,6	0,07
75/63	11.009.7563.11	75/63 SDR11 ISO S-5	75	63	6,8	60	5,8	0,07
90/50	11.009.9050.11	90/50 SDR11 ISO S-5	90	50	8,2	76	4,6	0,11
90/63	11.009.9063.11	90/63 SDR11 ISO S-5	90	63	8,2	66	5,8	0,11
90/75	11.009.9075.11	90/75 SDR11 ISO S-5	90	75	8,2	66	6,8	0,12
110/50	11.009.1150.11	110/50 SDR11 ISO S-5	110	50	10	90	4,6	0,19
110/63	11.009.1163.11	110/63 SDR11 ISO S-5	110	63	10	90	5,8	0,20
110/75	11.009.1175.11	110/75 SDR11 ISO S-5	110	75	10	85	6,8	0,21
110/90	11.009.1190.11	110/90 SDR11 ISO S-5	110	90	10	85	8,2	0,22
125/63	11.009.1263.11	125/63 SDR11 ISO S-5	125	63	11,4	100	5,8	0,28
125/75	11.009.1275.11	125/75 SDR11 ISO S-5	125	75	11,4	100	6,8	0,29

Reduktion konzentrisch

kurze Schenkel

Reducer concentric

short spigot

Stumpfschweissung**PPR grau****Butt-welding****PPR grey****Code: 009**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
125/90	11.009.1290.11	125/90 SDR11 ISO S-5	125	90	11,4	90	8,2	0,28
125/110	11.009.1211.11	125/110 SDR11 ISO S-5	125	110	11,4	90	10	0,32
140/75	11.009.1475.11	140/75 SDR11 ISO S-5	140	75	12,7	110	6,8	0,38
140/90	11.009.1490.11	140/90 SDR11 ISO S-5	140	90	12,7	110	8,2	0,40
140/110	11.009.1411.11	140/110 SDR11 ISO S-5	140	110	12,7	100	10	0,41
140/125	11.009.1412.11	140/125 SDR11 ISO S-5	140	125	12,7	100	11,4	0,44
160/90	11.009.1690.11	160/90 SDR11 ISO S-5	160	90	14,6	115	8,2	0,55
160/110	11.009.1611.11	160/110 SDR11 ISO S-5	160	110	14,6	115	10	0,59
160/125	11.009.1612.11	160/125 SDR11 ISO S-5	160	125	14,6	110	11,4	0,59
160/140	11.009.1614.11	160/140 SDR11 ISO S-5	160	140	14,6	110	12,7	0,62
180/90	11.009.1890.11	180/90 SDR11 ISO S-5	180	90	16,4	157	8,2	0,93
180/110	11.009.1811.11	180/110 SDR11 ISO S-5	180	110	16,4	157	10	1,08
180/125	11.009.1812.11	180/125 SDR11 ISO S-5	180	125	16,4	122	11,4	0,82
180/140	11.009.1814.11	180/140 SDR11 ISO S-5	180	140	16,4	136	12,8	0,96
180/160	11.009.1816.11	180/160 SDR11 ISO S-5	180	160	16,4	122	14,6	0,91
200/140	11.009.2014.11	200/140 SDR11 ISO S-5	200	140	18,2	137	12,7	1,10
200/160	11.009.2016.11	200/160 SDR11 ISO S-5	200	160	18,2	132	14,6	1,17
200/180	11.009.2018.11	200/180 SDR11 ISO S-5	200	180	18,2	137	16,4	1,31
225/140	11.009.2214.11	225/140 SDR11 ISO S-5	225	140	20,5	162	12,8	1,70
225/160	11.009.2216.11	225/160 SDR11 ISO S-5	225	160	20,5	136	14,6	1,42
225/180	11.009.2218.11	225/180 SDR11 ISO S-5	225	180	20,5	162	16,4	1,92
225/200	11.009.2220.11	225/200 SDR11 ISO S-5	225	200	20,5	162	18,2	1,96
250/160	11.009.2516.11	250/160 SDR11 ISO S-5	250	160	22,7	149	14,6	1,90
250/180	11.009.2518.11	250/180 SDR11 ISO S-5	250	180	22,7	177	16,4	2,42
250/200	11.009.2521.11	250/200 SDR11 ISO S-5	250	200	22,7	144	18,2	2,00
250/225	11.009.2522.11	250/225 SDR11 ISO S-5	250	225	22,7	144	20,5	2,08
280/200	11.009.2820.11	280/200 SDR11 ISO S-5	280	200	25,4	202	18,2	3,44
280/225	11.009.2822.11	280/225 SDR11 ISO S-5	280	225	25,4	202	20,5	3,74
280/250	11.009.2825.11	280/250 SDR11 ISO S-5	280	250	25,4	165	22,7	3,02
315/200	11.009.3120.11	315/200 SDR11 ISO S-5	315	200	28,6	196	18,2	3,86
315/225	11.009.3122.11	315/225 SDR11 ISO S-5	315	225	28,6	207	20,5	4,42
315/250	11.009.3125.11	315/250 SDR11 ISO S-5	315	250	28,6	190	22,7	4,06
315/280	11.009.3128.11	315/280 SDR11 ISO S-5	315	280	28,7	227	25,4	5,13

Reduktion exzentrisch

kurze Schenkel

formgespritzt

Stumpfschweissung

PPR grau

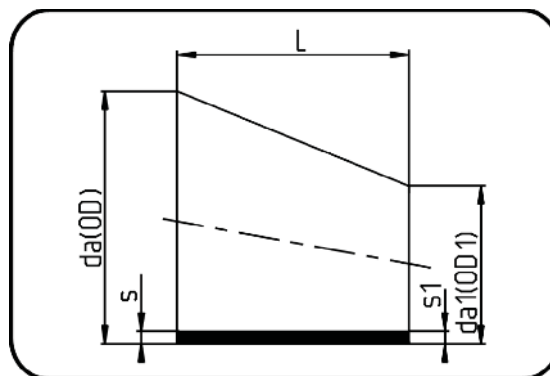
Reducer excentric

short spigot

injection moulded

Butt-welding

PPR grey



Code: 005

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	s mm	L mm	s1 mm	Gewicht Weight
250/160	11.005.2516.33	250/160 SDR33 ISO S-16	250	160	7,8	155	5	0,65
355/250	11.005.3525.33	355/250 SDR33 ISO S-16	355	250	11,1	200	7,8	2,04
250/160	11.005.2516.17	250/160 SDR17 ISO S-8	250	160	14,8	155	9,5	1,14
355/250	11.005.3525.17	355/250 SDR17 ISO S-8	355	250	21,1	198	14,8	3,32
250/160	11.005.2516.11	250/160 SDR11 ISO S-5	250	160	22,7	155	14,6	1,72
355/250	11.005.3525.11	355/250 SDR11 ISO S-5	355	250	32,2	200	22,7	4,54

Endkappe

kurze Schenkel

formgespritzt

Stumpfschweissung

PPR grau

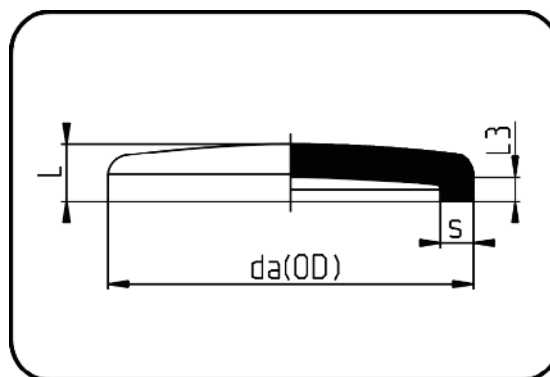
End Cap

short spigot

injection moulded

Butt-welding

PPR grey



Code: 004

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L3 mm	Gewicht Weight
355	11.004.0355.11	355X32,2 SDR11 ISO S-5	355	32,2	124	63	6,06
400	11.004.0400.11	400X36,3 SDR11 ISO S-5	400	36,3	133	72	8,22
450	11.004.0450.11	450X40,9 SDR11 ISO S-5	450	40,9	140	64	10,75
500	11.004.0500.11	500X45,4 SDR11 ISO S-5	500	45,4	148	65	13,85

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

Verschraubung Typ 24

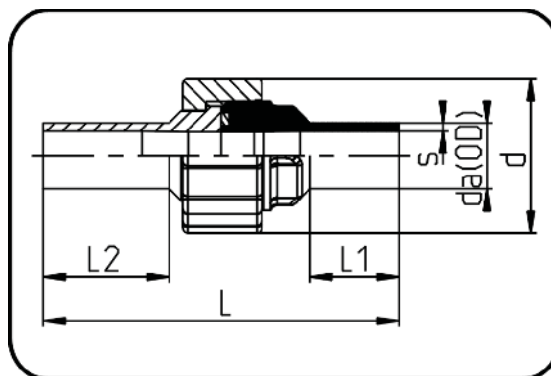
FPM-Dichtung

formgespritzt

Stumpfschweissung**PPR grau****Union Type 24**

FPM-sealing

injection moulded

Butt-welding**PPR grey****Code: 024**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L1 mm	L2 mm	d mm	Gewicht Weight
20	11.024.0120.11	20X1,9 SDR11 ISO S-5	20	1,9	108	24	38	47	0,05
25	11.024.0125.11	25X2,3 SDR11 ISO S-5	25	2,3	114	24	39	57	0,08
32	11.024.0132.11	32X2,9 SDR11 ISO S-5	32	2,9	122	25	39	64	0,11
40	11.024.0140.11	40X3,7 SDR11 ISO S-5	40	3,7	128	25	42	78	0,17
50	11.024.0150.11	50X4,6 SDR11 ISO S-5	50	4,6	134	25	44	89	0,23
63	11.024.0163.11	63X5,8 SDR11 ISO S-5	63	5,8	138	25	44	109	0,38
75	11.024.0175.11	75X6,8 SDR11 ISO S-5	75	6,8	132	28	37	130	0,59
90	11.024.0190.11	90X8,2 SDR11 ISO S-5	90	8,2	133	35,5	57	130	0,61

Einlegeteil

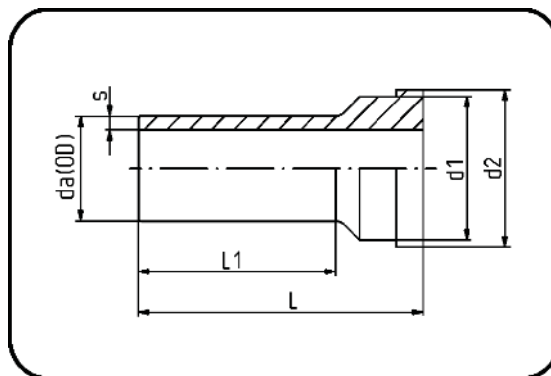
Ersatzteil Verschraubung 024

formgespritzt

Stumpfschweissung**PPR grau****Union end**

spare part Union 024

injection moulded

Butt-welding**PPR grey****Code: 024.2**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L1 mm	d1 mm	d2 mm	Gewicht Weight
20	11.024.2020.11	20X1,9 SDR11 ISO S-5	20	1,9	54	38	27,3	29,9	0,01
25	11.024.2025.11	25X2,3 SDR11 ISO S-5	25	2,3	57	39	35,7	38,6	0,02
32	11.024.2032.11	32X2,9 SDR11 ISO S-5	32	2,9	60	40	41,3	44,5	0,03
40	11.024.2040.11	40X3,7 SDR11 ISO S-5	40	3,7	63	42	52,6	56,3	0,04
50	11.024.2050.11	50X4,6 SDR11 ISO S-5	50	4,6	67	44	58,6	62,4	0,06
63	11.024.2063.11	63X5,8 SDR11 ISO S-5	63	5,8	69	45	73,6	78	0,10
75	11.024.2075.11	75X6,8 SDR11 ISO S-5	75	6,8	66	37	90	101	0,10
90	11.024.2090.11	90X8,2 SDR11 ISO S-5	90	8,2	66,5	57	90	101	0,15

Einschraubteil

Ersatzteil Verschraubung 024

formgespritzt

Stumpfschweissung

PPR grau

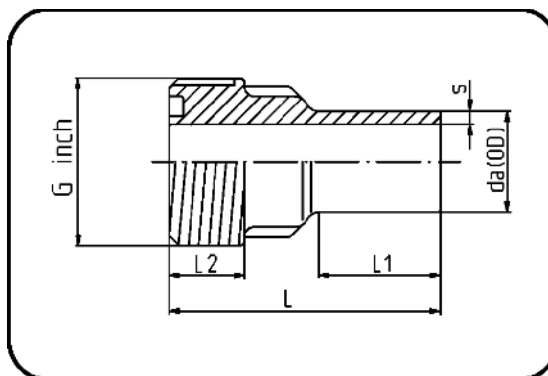
Union bush

spare part Union 024

injection moulded

Butt-welding

PPR grau



Code: 024.3

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L1 mm	L2 mm	G inch	Gewicht Weight
20	11.024.3020.11	20X1,9 SDR11 ISO S-5	20	1,9	54	24	15	1	0,01
25	11.024.3025.11	25X2,3 SDR11 ISO S-5	25	2,3	57	24	16	1,25	0,03
32	11.024.3032.11	32X2,9 SDR11 ISO S-5	32	2,9	60	26	17	1,5	0,03
40	11.024.3040.11	40X3,7 SDR11 ISO S-5	40	3,7	63	25	19	2	0,06
50	11.024.3050.11	50X4,6 SDR11 ISO S-5	50	4,6	66	25	22	2,25	0,07
63	11.024.3063.11	63X5,8 SDR11 ISO S-5	63	5,8	69	25	24	2,75	0,12
75	11.024.3075.11	75X6,8 SDR11 ISO S-5	75	6,8	66	28	22	S107,5x3,6	0,12
90	11.024.3090.11	90X8,2 SDR11 ISO S-5	90	8,2	66,5	35,5	22	S107,5x3,6	0,17

Überwurfmutter

Ersatzteil Verschraubung 024

formgespritzt

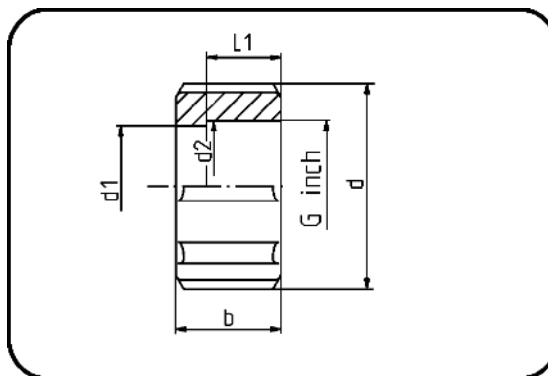
PP-GFK grau

Union nut

spare part Union 024

injection moulded

PP-FRP grau



Code: 024.4

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L1 mm	d mm	d1 mm	d2 mm	b mm	Gewicht Weight
20	11.024.4020.11	20 - G 1"	20	17	47	27,7	30,3	24	0,02
25	11.024.4025.11	25 - G 1 1/4"	25	18,5	57	36,1	39	26	0,03
32	11.024.4032.11	32 - G 1 1/2"	32	20	64	41,7	44,9	30	0,04
40	11.024.4040.11	40 - G 2"	40	22,5	78	53,2	56,7	31	0,07
50	11.024.4050.11	50 - G 2 1/4"	50	25	89	59,2	62,8	35,5	0,10
63	11.024.4063.11	63 - G 2 3/4"	63	27	109	74,2	78,5	39	0,16
75/90	11.024.4075.11	75/90 - S 107,5X3,6	75	31	130	90,7	102,1	40	0,27

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

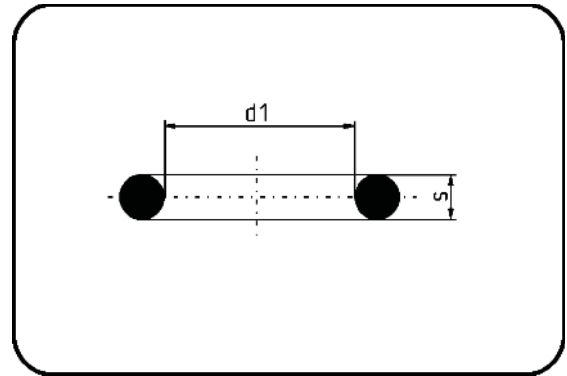
SCHWEISSEN
WELDING

O-Ring Dichtung FPM

Ersatzteil Verschraubung 024

O-Ring Sealing FPM

spare part Union 024

**Code: 380****FPM****FPM**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	d1 mm	Gewicht Weight
20	88.380.0020.00	20 - 20,22X3,53	20	3,53	20,22	0,01
25	88.380.0025.00	25 - 28,17X3,53	25	3,53	28,17	0,01
32	88.380.0032.00	32 - 32,92X3,53	32	3,53	32,92	0,00
40	88.380.0040.00	40 - 40,64X5,33	40	5,33	40,64	0,01
50	88.380.0050.00	50 - 47,00X5,33	50	5,33	47	0,01
63	88.380.0063.00	63 - 59,70X5,33	63	5,33	59,7	0,01
75	88.380.0075.00	75 - 69,20X5,3	75	5,3	69,2	0,01
90	88.380.0090.00	90 - 81,9X5,3	90	5,3	81,9	0,01

Adapter Innengewinde

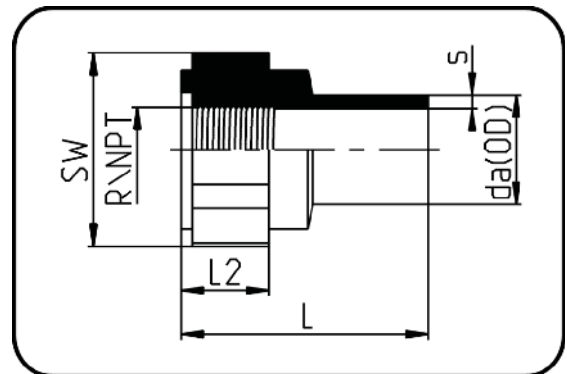
R-Gewinde/GFK-verstärkt

formgespritzt

Stumpfschweissung**PPR grau****Adaptor Female Thread**

R-thread/FRP-reinforced

injection moulded

Butt-welding**PPR grey****Code: 032**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L2 mm	SW mm	R inch	Gewicht Weight
20	11.032.2020.11	20X1/2" SDR11 ISO S-5	20	1,9	45	16	32	0,5	0,01
25	11.032.2525.11	25X3/4" SDR11 ISO S-5	25	2,3	51	18	41	0,75	0,03
32	11.032.3232.11	32X1" SDR11 ISO S-5	32	2,9	58	20	46	1	0,03
40	11.032.4040.11	40X1 1/4" SDR11 ISO S-5	40	3,7	62	24	55	1,25	0,05
50	11.032.5050.11	50X1 1/2" SDR11 ISO S-5	50	4,6	68	25,5	70	1,5	0,10
63	11.032.6363.11	63X2" SDR11 ISO S-5	63	5,8	75	30	85	2	0,16

Adapter Innengewinde

NPT-Gewinde/GFK-verstärkt

formgespritzt

Stumpfschweissung

PPR grau

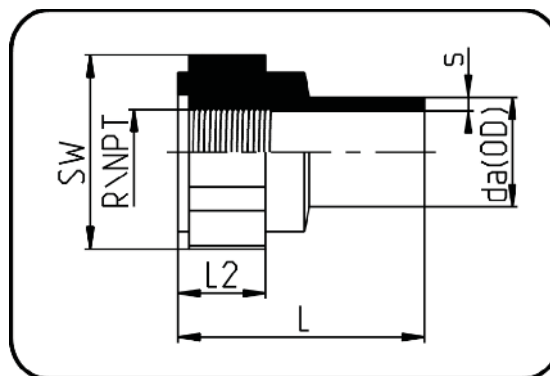
Adaptor Female Thread

NPT-thread/FRP-reinforced

injection moulded

Butt-welding

PPR grau



Code: 032.1

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L2 mm	SW mm	NPT inch	Gewicht Weight
20	11.032.2021.11	20X1/2" SDR11 ISO S-5	20	1,9	45	16	32	0,5	0,01
25	11.032.2526.11	25X3/4" SDR11 ISO S-5	25	2,3	51	18	41	0,75	0,03
32	11.032.3233.11	32X1" SDR11 ISO S-5	32	2,9	58	20	46	1	0,03
40	11.032.4041.11	40X1 1/4" SDR11 ISO S-5	40	3,7	62	24	55	1,25	0,05
50	11.032.5051.11	50X1 1/2" SDR11 ISO S-5	50	4,6	68	25,5	70	1,5	0,09
63	11.032.6364.11	63X2" SDR11 ISO S-5	63	5,8	75	30	85	2	0,16

Adapter Aussengewinde

R-Gewinde

formgespritzt

Stumpfschweissung

PPR grau

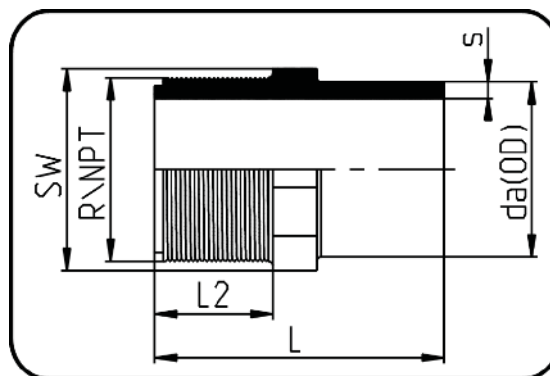
Adaptor Male Thread

R-thread

injection moulded

Butt-welding

PPR grau



Code: 033

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L2 mm	SW mm	R inch	Gewicht Weight
20	11.033.2020.11	20X1/2" SDR11 ISO S-5	20	1,9	46	18	22	0,5	0,01
25	11.033.2525.11	25X3/4" SDR11 ISO S-5	25	2,3	51	20	27	0,75	0,01
32	11.033.3232.11	32X1" SDR11 ISO S-5	32	2,9	61	24	36	1	0,02
40	11.033.4040.11	40X1 1/4" SDR11 ISO S-5	40	3,7	66	26,5	46	1,25	0,03
50	11.033.5050.11	50X1 1/2" SDR11 ISO S-5	50	4,6	74	29	55	1,5	0,05
63	11.033.6363.11	63X2" SDR11 ISO S-5	63	5,8	80	32,5	65	2	0,09

MINELINE
MINELINE**Adapter Aussengewinde**

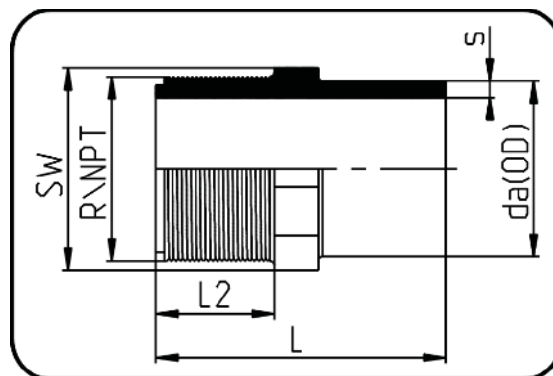
NPT-Gewinde

formgespritzt

Stumpfschweissung**PPR grau****Adaptor Male Thread**

NPT-thread

injection moulded

Butt-welding**PPR grey****Code: 033.1**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L2 mm	SW mm	NPT inch	Gewicht Weight
20	11.033.2021.11	20X1/2" SDR11 ISO S-5	20	1,9	46	18	22	0,5	0,01
25	11.033.2526.11	25X3/4" SDR11 ISO S-5	25	2,3	51	20	27	0,75	0,01
32	11.033.3233.11	32X1" SDR11 ISO S-5	32	2,9	61	24	36	1	0,02
40	11.033.4041.11	40X1 1/4" SDR11 ISO S-5	40	3,7	66	26,5	46	1,25	0,04
50	11.033.5051.11	50X1 1/2" SDR11 ISO S-5	50	4,6	74	29	55	1,5	0,06
63	11.033.6364.11	63X2" SDR11 ISO S-5	63	5,8	80	32,5	65	2	0,08

PVDF
PVDFECTFE
ECTFEDOPPELROHR
DUAL PIPECOOLSAFE
COOLSAFEZUBEHÖR
ACCESSORIESSEAL CLEAN
SEAL CLEANSCHWEISSEN
WELDING

Bogen 90°

segmentiert/Innenwulst entf.
Abminderungsfaktor 0,8

Bend 90°

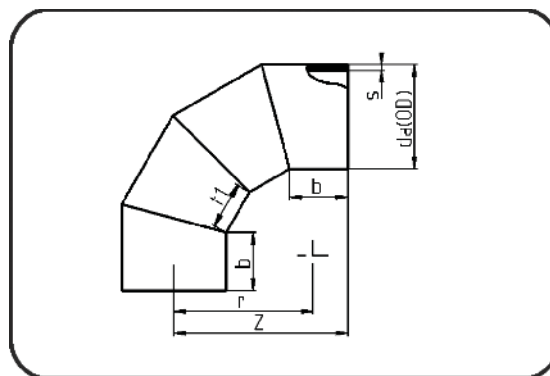
segmented/inside bead removed
derating factor 0.8

Stumpfschweissung

PPH grau

Butt-welding

PPH grau



Code: 331

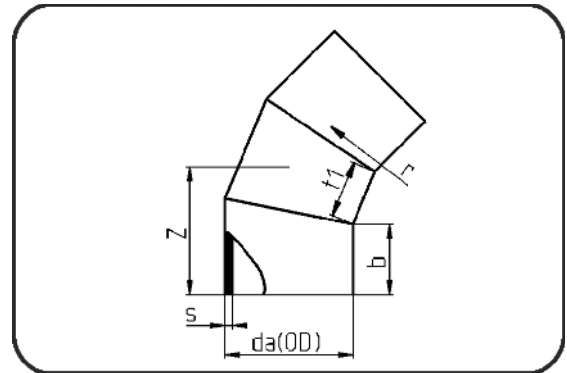
Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	r mm	b mm	t1 mm	z mm	Gewicht Weight
560	12.331.0560.41	560X13,7 SDR41 ISO S-20	560	13,7	840	350	300	1.040	36,40
630	12.331.0630.41	630X15,4 SDR41 ISO S-20	630	15,4	945	350	338	1.126	47,60
710	12.331.0710.41	710X17,4 SDR41 ISO S-20	710	17,4	1.065	400	380	1.275	71,60
800	12.331.0800.41	800X19,6 SDR41 ISO S-20	800	19,6	1.200	400	429	1.385	106,00
900	12.331.0900.41	900X22,0 SDR41 ISO S-20	900	22	1.350	400	482	1.509	141,00
1000	12.331.1000.41	1000X24,5 SDR41 ISO S-20	1.000	24,5	1.500	500	536	1.732	180,00
1200	12.331.1200.41	1200X29,4 SDR41 ISO S-20	1.200	29,4	1.800	500	643	1.978	275,00
560	12.331.0560.33	560X17,2 SDR33 ISO S-16	560	17,2	840	350	300	1.040	45,30
630	12.331.0630.33	630X19,3 SDR33 ISO S-16	630	19,3	945	350	338	1.126	59,30
710	12.331.0710.33	710X21,8 SDR33 ISO S-16	710	21,8	1.065	400	380	1.275	89,10
800	12.331.0800.33	800X24,5 SDR33 ISO S-16	800	24,5	1.200	400	429	1.385	131,00
900	12.331.0900.33	900X27,6 SDR33 ISO S-16	900	27,6	1.350	400	482	1.509	176,00
1000	12.331.1000.33	1000X30,6 SDR33 ISO S-16	1.000	30,6	1.500	500	536	1.732	223,00
1200	12.331.1200.33	1200X36,7 SDR33 ISO S-16	1.200	36,7	1.800	500	643	1.978	341,00
560	12.331.0560.26	560X21,4 SDR26 ISO S-12,5	560	21,4	840	350	300	1.040	55,80
630	12.331.0630.26	630X24,1 SDR26 ISO S-12,5	630	24,1	945	350	338	1.126	73,30
710	12.331.0710.26	710X27,2 SDR26 ISO S-12,5	710	27,2	1.065	400	380	1.275	110,00
800	12.331.0800.26	800X30,6 SDR26 ISO S-12,5	800	30,6	1.200	400	429	1.385	162,00
900	12.331.0900.26	900X34,4 SDR26 ISO S-12,5	900	34,4	1.350	400	482	1.509	217,00
1000	12.331.1000.26	1000X38,2 SDR26 ISO S-12,5	1.000	38,2	1.500	500	536	1.732	275,00
560	12.331.0560.17	560X31,7 SDR17,6 ISO S-8,3	560	31,7	840	350	300	1.040	81,10
630	12.331.0630.17	630X35,7 SDR17,6 ISO S-8,3	630	35,7	945	350	338	1.126	106,00
710	12.331.0710.17	710X40,2 SDR17,6 ISO S-8,3	710	40,2	1.065	400	380	1.275	159,00
800	12.331.0800.17	800X45,3 SDR17,6 ISO S-8,3	800	45,3	1.200	400	429	1.385	241,00

Bogen 45°

segmentiert/Innenwulst entf.
Abminderungsfaktor 0,8

Bend 45°

segmented/inside bead removed
derating factor 0.8

Stumpfschweissung**PPH grau****Butt-welding****PPH grau****Code: 330**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	r mm	b mm	t1 mm	z mm	Gewicht Weight
560	12.330.0560.41	560X13,7 SDR41 ISO S-20	560	13,7	883	350	223	587	26,40
630	12.330.0630.41	630X15,4 SDR41 ISO S-20	630	15,4	918	350	251	616	34,90
710	12.330.0710.41	710X17,4 SDR41 ISO S-20	710	17,4	1.110	400	282,5	700	53,20
800	12.330.0800.41	800X19,6 SDR41 ISO S-20	800	19,6	1.155	400	318,3	738	70,80
900	12.330.0900.41	900X22,0 SDR41 ISO S-20	900	22	1.330	400	358	780	99,30
1000	12.330.1000.41	1000X24,5 SDR41 ISO S-20	1.000	24,5	1.380	500	398	923	126,00
1200	12.330.1200.41	1200X29,4 SDR41 ISO S-20	1.200	29,4	1.480	500	477,5	1.007	188,00
560	12.330.0560.33	560X17,2 SDR33 ISO S-16	560	17,2	883	350	223	587	32,80
630	12.330.0630.33	630X19,3 SDR33 ISO S-16	630	19,3	918	350	251	616	43,40
710	12.330.0710.33	710X21,8 SDR33 ISO S-16	710	21,8	1.110	400	282,5	700	66,20
800	12.330.0800.33	800X24,5 SDR33 ISO S-16	800	24,5	1.155	400	318,3	738	87,90
900	12.330.0900.33	900X27,6 SDR33 ISO S-16	900	27,6	1.330	400	358	780	124,00
1000	12.330.1000.33	1000X30,6 SDR33 ISO S-16	1.000	30,6	1.380	500	398	923	156,00
1200	12.330.1200.33	1200X36,7 SDR33 ISO S-16	1.200	36,7	1.800	500	477,5	1.007	234,00
560	12.330.0560.26	560X21,4 SDR26 ISO S-12,5	560	21,4	883	350	223	587	40,40
630	12.330.0630.26	630X24,1 SDR26 ISO S-12,5	630	24,1	918	350	251	616	53,70
710	12.330.0710.26	710X27,2 SDR26 ISO S-12,5	710	27,2	1.110	400	282,5	700	81,70
800	12.330.0800.26	800X30,6 SDR26 ISO S-12,5	800	30,6	1.155	400	318,3	738	109,00
900	12.330.0900.26	900X34,4 SDR26 ISO S-12,5	900	34,4	1.330	400	358	780	153,00
1000	12.330.1000.26	1000X38,2 SDR26 ISO S-12,5	1.000	38,2	1.380	500	398	923	192,00
560	12.330.0560.17	560X31,7 SDR17,6 ISO S-8,3	560	31,7	883	350	223	587	58,80
630	12.330.0630.17	630X35,7 SDR17,6 ISO S-8,3	630	35,7	918	350	251	616	77,90
710	12.330.0710.17	710X40,2 SDR17,6 ISO S-8,3	710	40,2	1.110	400	282,5	700	118,00
800	12.330.0800.17	800X45,3 SDR17,6 ISO S-8,3	800	47,4	1.200	400	318,3	738	158,00

Bogen 30°

segmentiert/Innenwulst entf.
Abminderungsfaktor 0,8

Bend 30°

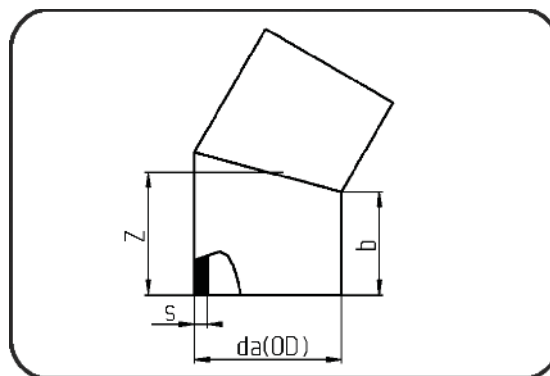
segmented/inside bead removed
derating factor 0.8

Stumpfschweissung

PPH grau

Butt-welding

PPH grau



Code: 329

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	b mm	z mm	Gewicht Weight
560	12.329.0560.41	560X13,7 SDR41 ISO S-20	560	13,7	350	425	18,80
630	12.329.0630.41	630X15,4 SDR41 ISO S-20	630	15,4	350	434	24,20
710	12.329.0710.41	710X17,4 SDR41 ISO S-20	710	17,4	400	495	35,90
800	12.329.0800.41	800X19,6 SDR41 ISO S-20	800	19,6	400	507	56,00
900	12.329.0900.41	900X22,0 SDR41 ISO S-20	900	22	400	521	72,10
1000	12.329.1000.41	1000X24,5 SDR41 ISO S-20	1.000	24,5	500	634	91,00
1200	12.329.1200.41	1200X29,4 SDR41 ISO S-20	1.200	29,4	500	661	136,00
560	12.329.0560.33	560X17,2 SDR33 ISO S-16	560	17,2	350	425	23,30
630	12.329.0630.33	630X19,3 SDR33 ISO S-16	630	19,3	350	434	30,10
710	12.329.0710.33	710X21,8 SDR33 ISO S-16	710	21,8	400	495	44,70
800	12.329.0800.33	800X24,5 SDR33 ISO S-16	800	24,5	400	507	69,40
900	12.329.0900.33	900X27,6 SDR33 ISO S-16	900	27,6	400	500	90,00
1000	12.329.1000.33	1000X30,6 SDR33 ISO S-16	1.000	30,6	500	634	113,00
1200	12.329.1200.33	1200X36,7 SDR33 ISO S-16	1.200	36,7	500	661	169,00
560	12.329.0560.26	560X21,4 SDR26 ISO S-12,5	560	21,4	350	425	28,70
630	12.329.0630.26	630X24,1 SDR26 ISO S-12,5	630	24,1	350	434	37,30
710	12.329.0710.26	710X27,2 SDR26 ISO S-12,5	710	27,2	400	495	55,20
800	12.329.0800.26	800X30,6 SDR26 ISO S-12,5	800	30,6	400	507	86,00
900	12.329.0900.26	900X34,4 SDR26 ISO S-12,5	900	34,4	400	521	215,00
1000	12.329.1000.26	1000X38,2 SDR26 ISO S-12,5	1.000	38,2	500	634	277,00
560	12.329.0560.17	560X31,7 SDR17,6 ISO S-8,3	560	31,7	350	425	41,70
630	12.329.0630.17	630X35,7 SDR17,6 ISO S-8,3	630	35,7	350	434	54,10
710	12.329.0710.17	710X40,2 SDR17,6 ISO S-8,3	710	40,2	400	495	79,90
800	12.329.0800.17	800X45,3 SDR17,6 ISO S-8,3	800	47,4	400	507	177,00

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

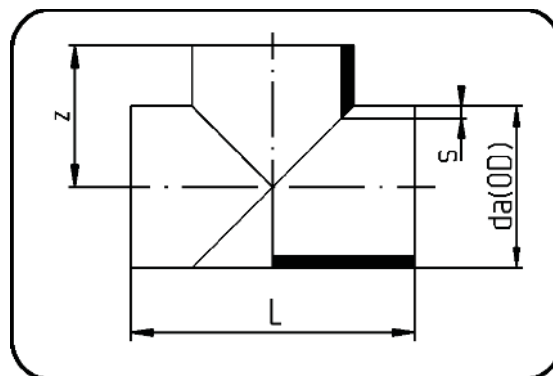
SCHWEISSEN
WELDING

T-Stück

segmentiert/Innenwulst entf.
Abminderungsfaktor 0,6

Tee

segmented/inside bead removed
derating factor 0.6

Stumpfschweissung**PPH grau****Butt-welding****PPH grau****Code: 326**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	L mm	Gewicht Weight
560	12.326.0560.26	560X21,4 SDR26 ISO S-12,5	560	21,4	540	1.080	46,90
630	12.326.0630.26	630X24,1 SDR26 ISO S-12,5	630	24,1	615	1.230	67,80
710	12.326.0710.26	710X27,2 SDR26 ISO S-12,5	710	27,2	655	1.310	90,70
800	12.326.0800.26	800X30,6 SDR26 ISO S-12,5	800	30,6	700	1.400	149,00
900	12.326.0900.26	900x34,4 SDR26 ISO S-12,5	1.000	38,2	1.000	2.000	215,00
1000	12.326.1000.26	1000x38,2 SDR26 ISO S-12,5	800	30,6	700	1.400	277,00
560	12.326.0560.17	560X31,7 SDR17,6 ISO S-8,3	560	31,7	540	1.080	68,20
630	12.326.0630.17	630X35,7 SDR17,6 ISO S-8,3	630	35,7	615	1.230	98,40
710	12.326.0710.17	710X40,2 SDR17,6 ISO S-8,3	710	40,2	655	1.310	131,00
800	12.326.0800.17	800X45,3 SDR17,6 ISO S-8,3	800	47,4	700	1.400	177,00

T-Stück 45°

segmentiert
Abminderungsfaktor 0,5

Stumpf + E-Muffenschweißung

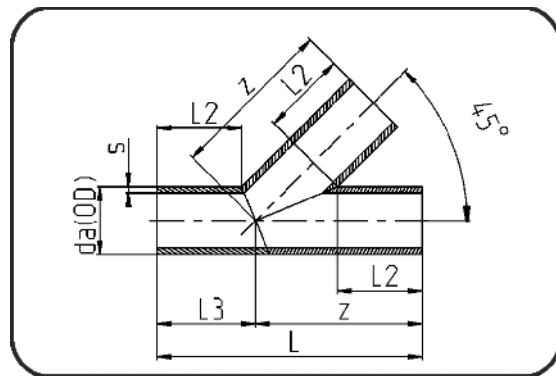
PPH grau

Tee 45°

segmented
derating factor 0.5

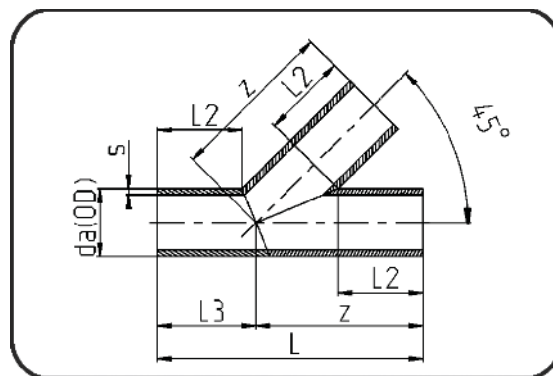
Butt + E-socket-welding

PPH grey



Code: 325

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	L mm	L2 mm	L3 mm	Gewicht Weight
50	12.325.0050.17	50X2,9 SDR17,6 ISO S-8,3	50	2,9	180	310	120	130	0,16
63	12.325.0063.17	63X3,6 SDR17,6 ISO S-8,3	63	3,6	196	329	120	133	0,56
75	12.325.0075.17	75X4,3 SDR17,6 ISO S-8,3	75	4,3	211	347	120	136	0,79
90	12.325.0090.17	90X5,1 SDR17,6 ISO S-8,3	90	5,1	259	428	150	169	1,17
110	12.325.0110.17	110X6,3 SDR17,6 ISO S-8,3	110	6,3	333	556	200	223	1,76
125	12.325.0125.17	125X7,1 SDR17,6 ISO S-8,3	125	7,1	351	577	200	226	2,36
140	12.325.0140.17	140X8,0 SDR17,6 ISO S-8,3	140	8	369	598	200	229	3,09
160	12.325.0160.17	160X9,1 SDR17,6 ISO S-8,3	160	9,1	393	626	200	233	4,23
180	12.325.0180.17	180X10,2 SDR17,6 ISO S-8,3	180	10,2	417	654	200	237	5,60
200	12.325.0200.17	200X11,4 SDR17,6 ISO S-8,3	200	11,4	491	782	250	291	8,24
225	12.325.0225.17	225X12,8 SDR17,6 ISO S-8,3	225	12,8	522	819	250	297	11,00
250	12.325.0250.17	250X14,2 SDR17,6 ISO S-8,3	250	14,2	602	984	300	352	15,70
280	12.325.0280.17	280X15,9 SDR17,6 ISO S-8,3	280	15,9	638	996	300	358	20,60
315	12.325.0315.17	315X17,9 SDR17,6 ISO S-8,3	315	17,9	730	1.145	350	415	30,00
355	12.325.0355.17	355X20,1 SDR17,6 ISO S-8,3	355	20,1	779	1.203	350	424	40,00
400	12.325.0400.17	400X22,7 SDR17,6 ISO S-8,3	400	22,7	833	1.266	350	433	53,90
450	12.325.0450.17	450X25,5 SDR17,6 ISO S-8,3	450	25,5	893	1.336	350	443	72,40
500	12.325.0500.17	500X28,3 SDR17,6 ISO S-8,3	500	28,3	954	1.408	350	454	94,70
560	12.325.0560.17	560X31,7 SDR17,6 ISO S-8,3	560	31,7	1.026	1.492	350	466	127,00
630	12.325.0630.17	630X35,7 SDR17,6 ISO S-8,3	630	35,7	1.110	1.590	350	480	172,00
50	12.325.0050.11	50X4,6 SDR11 ISO S-5	50	4,6	180	310	120	130	0,24
63	12.325.0063.11	63X5,8 SDR11 ISO S-5	63	5,8	196	329	120	133	0,85
75	12.325.0075.11	75X6,8 SDR11 ISO S-5	75	6,8	211	347	120	136	1,20
90	12.325.0090.11	90X8,2 SDR11 ISO S-5	90	8,2	259	428	150	169	1,80
110	12.325.0110.11	110X10,0 SDR11 ISO S-5	110	10	333	556	200	223	2,68
125	12.325.0125.11	125X11,4 SDR11 ISO S-5	125	11,4	351	577	200	226	3,63
140	12.325.0140.11	140X12,7 SDR11 ISO S-5	140	12,7	369	598	200	229	4,71
160	12.325.0160.11	160X14,6 SDR11 ISO S-5	160	14,6	393	626	200	233	6,51
180	12.325.0180.11	180X16,4 SDR11 ISO S-5	180	16,4	417	654	200	237	8,65
200	12.325.0200.11	200X18,2 SDR11 ISO S-5	200	18,2	491	782	250	291	12,70
225	12.325.0225.11	225X20,5 SDR11 ISO S-5	225	20,5	522	819	250	297	16,90
250	12.325.0250.11	250X22,7 SDR11 ISO S-5	250	22,7	602	984	300	352	24,10
280	12.325.0280.11	280X25,4 SDR11 ISO S-5	280	25,4	638	996	300	358	31,70

MINELINE
MINELINE**T-Stück 45°**segmentiert
Abminderungsfaktor 0,5**Tee 45°**segmented
derating factor 0.5PPS
PPS**Stumpf + E-
Muffenschweissung****PPH grau****Butt + E-socket-welding****PPH grey**PPS-ESD EL
PPS-ESD ELPPR-LINER
PPR-LINERPEHD-ESD EL
HDPE-ESD ELPVDF
PVDFECTFE
ECTFEDOPPELROHR
DUAL PIPECOOLSAFE
COOLSAFEZUBEHÖR
ACCESSORIESSEAL CLEAN
SEAL CLEANSCHWEISSEN
WELDING**Code: 325**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	z mm	L mm	L2 mm	L3 mm	Gewicht Weight
315	12.325.0315.11	315X28,6 SDR11 ISO S-5	315	28,6	730	1.145	350	415	46,00
355	12.325.0355.11	355X32,2 SDR11 ISO S-5	355	32,2	779	1.203	350	424	61,70
400	12.325.0400.11	400X36,3 SDR11 ISO S-5	400	36,3	833	1.266	350	433	82,90
450	12.325.0450.11	450X40,9 SDR11 ISO S-5	450	40,9	893	1.336	350	443	112,00
500	12.325.0500.11	500X45,4 SDR11 ISO S-5	500	45,4	954	1.408	350	454	146,00

Winkel 90°

formgespritzt

Muffenschweissung

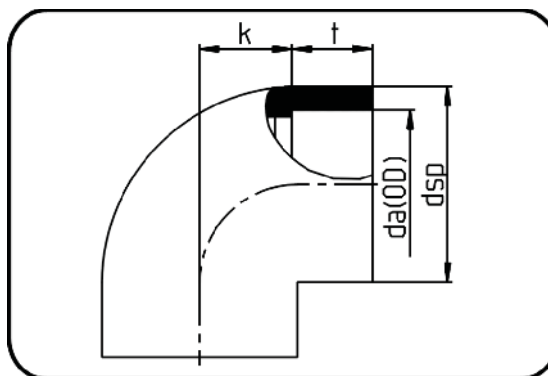
PPR grau

Elbow 90°

injection moulded

Socket-welding

PPR grey



Code: 051

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	dsp mm	t mm	k mm	p bar	Gewicht Weight
20	11.051.0020.07	20 - MOP 16 bar	20	29,3	16	14	10	0,02
25	11.051.0025.07	25 - MOP 16 bar	25	35,1	18	17	10	0,03
32	11.051.0032.07	32 - MOP 16 bar	32	43,2	19,5	20	10	0,05
40	11.051.0040.07	40 - MOP 16 bar	40	53,3	21,5	25	10	0,08
50	11.051.0050.07	50 - MOP 16 bar	50	65	25	28	10	0,14
63	11.051.0063.07	63 - MOP 16 bar	63	81,5	30,5	35	10	0,26
75	11.051.0075.07	75 - MOP 16 bar	75	93	32	39	10	0,29
90	11.051.0090.07	90 - MOP 16 bar	90	111	36,5	46	10	0,48
110	11.051.0110.07	110 - MOP 10 bar	110	134	43	57	10	0,81

Winkel 45°

formgespritzt

Muffenschweissung

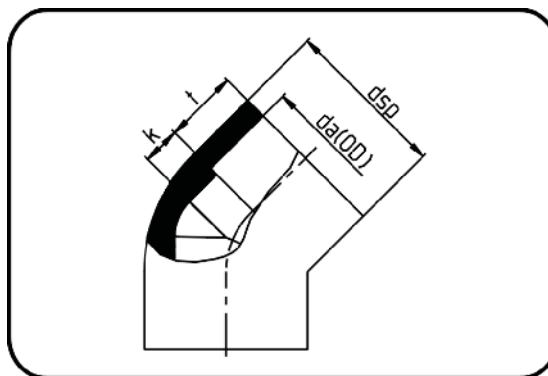
PPR grau

Elbow 45°

injection moulded

Socket-welding

PPR grey



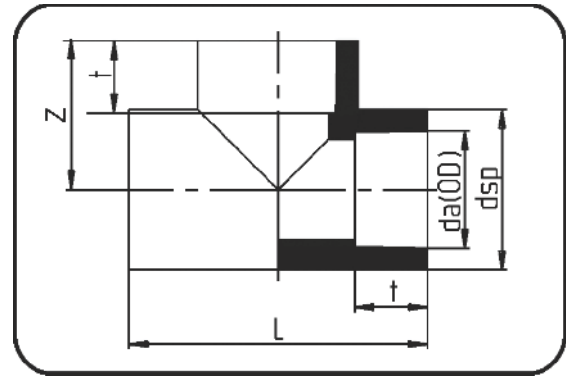
Code: 050

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	dsp mm	t mm	k mm	p bar	Gewicht Weight
20	11.050.0020.07	20 - MOP 16 bar	20	29	16,5	8	10	0,02
25	11.050.0025.07	25 - MOP 16 bar	25	35	18	9,5	10	0,03
32	11.050.0032.07	32 - MOP 16 bar	32	43	20	10,5	10	0,04
40	11.050.0040.07	40 - MOP 16 bar	40	53	22	12,5	10	0,07
50	11.050.0050.07	50 - MOP 16 bar	50	65	24	15	10	0,11
63	11.050.0063.07	63 - MOP 16 bar	63	81	29	18,5	10	0,18
75	11.050.0075.07	75 - MOP 16 bar	75	92	33	20	10	0,23
90	11.050.0090.07	90 - MOP 16 bar	90	113	37,5	23,5	10	0,45
110	11.050.0110.07	110 - MOP 10 bar	110	135	43	28	10	0,66

T-Stück**Tee**

formgespritzt

injection moulded

Muffenschweissung**Socket-welding****PPR grau****PPR grey****Code: 056**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	dsp mm	t mm	p bar	Gewicht Weight
20	11.056.0020.07	20 - MOP 16 bar	20	60	29,1	16	10	0,03
25	11.056.0025.07	25 - MOP 16 bar	25	70	35,2	18	10	0,04
32	11.056.0032.07	32 - MOP 16 bar	32	80	43	20	10	0,07
40	11.056.0040.07	40 - MOP 16 bar	40	92	53	22	10	0,11
50	11.056.0050.07	50 - MOP 16 bar	50	107,5	65	24,5	10	0,18
63	11.056.0063.07	63 - MOP 16 bar	63	130	81	29	10	0,30
75	11.056.0075.07	75 - MOP 16 bar	75	154,5	93	30,5	10	0,44
90	11.056.0090.07	90 - MOP 16 bar	90	186	114	37,5	10	0,83
110	11.056.0110.07	110 - MOP 10 bar	110	211	134,5	44	10	1,10

T-Stück reduziert

Tee reduced

formgespritzt

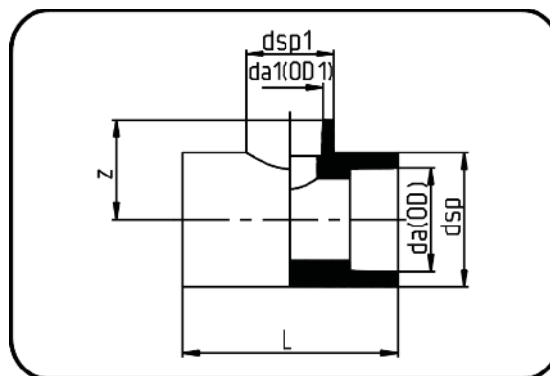
injection moulded

Muffenschweissung

Socket-welding

PPR grau

PPR grey



Code: 055

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	z mm	L mm	dsp mm	dsp1 mm	Gewicht Weight
25/20	11.055.2520.07	25/20 - MOP 16 bar	25	20	35,5	70	34,8	35	0,05
32/20	11.055.3220.07	32/20 - MOP 16 bar	32	20	39,8	79,7	43	29,9	0,06
32/25	11.055.3225.07	32/25 - MOP 16 bar	32	25	40	80	43	35	0,06
40/20	11.055.4020.07	40/20 - MOP 16 bar	40	20	46	92	53	30	0,10
40/25	11.055.4025.07	40/25 - MOP 16 bar	40	25	46,8	92	53,2	35,3	0,10
40/32	11.055.4032.07	40/32 - MOP 16 bar	40	32	45	92	53	43	0,10
50/20	11.055.5020.07	50/20 - MOP 16 bar	50	20	50	108,5	65,4	30	0,16
50/25	11.055.5025.07	50/25 - MOP 16 bar	50	25	51	110	65,5	35,5	0,16
50/32	11.055.5032.07	50/32 - MOP 16 bar	50	32	54	108	65	43	0,16
50/40	11.055.5040.07	50/40 - MOP 16 bar	50	40	52,5	107	65	53	0,17
63/25	11.055.6325.07	63/25 - MOP 16 bar	63	25	65	130	81	36	0,32
63/32	11.055.6332.07	63/32 - MOP 16 bar	63	32	65	129,5	81	43,5	0,32
63/40	11.055.6340.07	63/40 - MOP 16 bar	63	40	65	129,5	81	53	0,32
63/50	11.055.6350.07	63/50 - MOP 16 bar	63	50	65	129,5	81	66	0,32

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

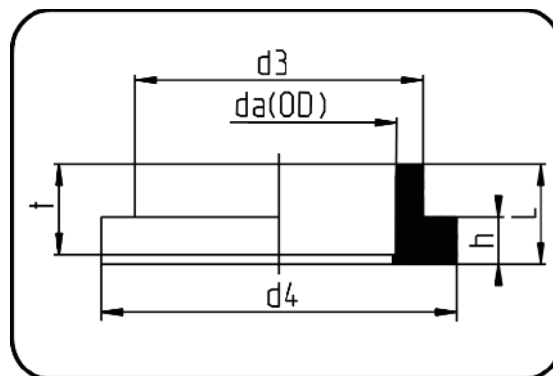
SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

Bundbuchse DIN**Flange adaptor DIN**

formgespritzt

injection moulded

Muffenschweissung**Socket-welding****PPR grau****PPR grey****Code: 052**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d3 mm	d4 mm	h mm	t mm	Gewicht Weight
20	11.052.0020.07	20 - MOP 16 bar	20	21	27	45	10	15,5	0,02
25	11.052.0025.07	25 - MOP 16 bar	25	23	33	58	10	16,5	0,03
32	11.052.0032.07	32 - MOP 16 bar	32	23,5	41	68	10,5	19	0,03
40	11.052.0040.07	40 - MOP 16 bar	40	26	50	78	10,5	21,5	0,04
50	11.052.0050.07	50 - MOP 16 bar	50	29	61	88	13	24	0,07
63	11.052.0063.07	63 - MOP 16 bar	63	34	76	102	14,5	28	0,09
75	11.052.0075.07	75 - MOP 16 bar	75	38	90	122	16	31,5	0,14
90	11.052.0090.07	90 - MOP 16 bar	90	42	108	138	17	37	0,20
110	11.052.0110.07	110 - MOP 10 bar	110	47	131	158	18	42	0,29

Flansche finden Sie bitte unter Zubehör.

Backing Rings please see Accessories.

Muffe

formgespritzt

Muffenschweissung

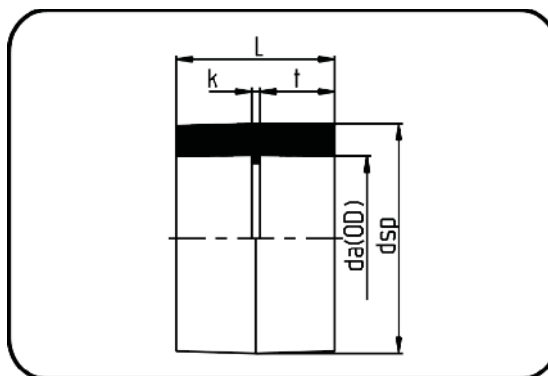
PPR grau

Socket

injection moulded

Socket-welding

PPR grey



Code: 053

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	dsp mm	t mm	k mm	p bar	Gewicht Weight
20	11.053.0020.07	20 - MOP 16 bar	20	35	29,4	16	3	10	0,01
25	11.053.0025.07	25 - MOP 16 bar	25	39	35,1	18	3	10	0,02
32	11.053.0032.07	32 - MOP 16 bar	32	43	43,2	20	3	10	0,03
40	11.053.0040.07	40 - MOP 16 bar	40	48	51	21	6,5	10	0,04
50	11.053.0050.07	50 - MOP 16 bar	50	52,5	64,4	24	4,5	10	0,06
63	11.053.0063.07	63 - MOP 16 bar	63	60,5	81	28	4,5	10	0,12
75	11.053.0075.07	75 - MOP 16 bar	75	70	92,5	33,5	3	10	0,15
90	11.053.0090.07	90 - MOP 16 bar	90	78,5	115	36	6	10	0,31
110	11.053.0110.07	110 - MOP 10 bar	110	92	135	43	6	10	0,41

Endkappe

formgespritzt

Muffenschweissung

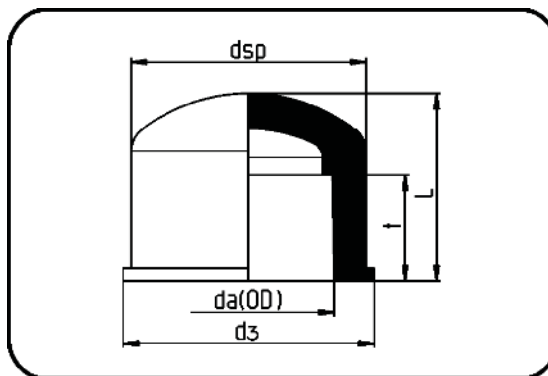
PPR grau

End Cap

injection moulded

Socket-welding

PPR grey



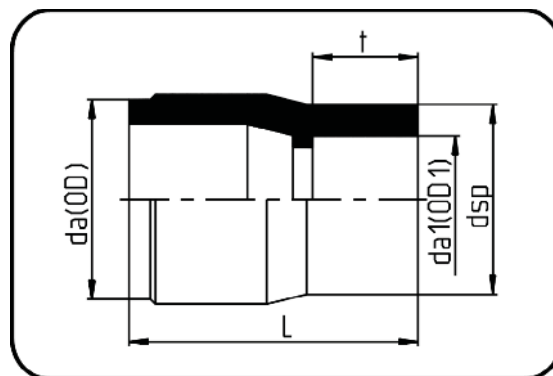
Code: 054

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d3 mm	dsp mm	t mm	p bar	Gewicht Weight
20	11.054.0020.07	20 - MOP 16 bar	20	26	32	29	16	10	0,01
25	11.054.0025.07	25 - MOP 16 bar	25	28,5	38	35	18	10	0,01
32	11.054.0032.07	32 - MOP 16 bar	32	35	46	43	20	10	0,02
40	11.054.0040.07	40 - MOP 16 bar	40	39	58	52,5	22	10	0,04
50	11.054.0050.07	50 - MOP 16 bar	50	50	70	64,5	25	10	0,07
63	11.054.0063.07	63 - MOP 16 bar	63	61	86,5	81	30	10	0,13
75	11.054.0075.07	75 - MOP 16 bar	75	67	98	92,5	32	10	0,16
90	11.054.0090.07	90 - MOP 16 bar	90	77	119	113	37	10	0,27
110	11.054.0110.07	110 - MOP 10 bar	110	93	140,5	133,5	42,5	10	0,42

Reduktion konzentrisch**Reducer concentric**

formgespritzt

injection moulded

Muffenschweissung**Socket-welding****PPR grau****PPR grey****Code: 057**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	da1(OD1) mm	L mm	dsp mm	t mm	p bar	Gewicht Weight
25/20	11.057.2520.07	25/20 - MOP 16 bar	25	20	39	29,5	16	10	0,01
32/20	11.057.3220.07	32/20 - MOP 16 bar	32	20	44,5	29	16	10	0,01
32/25	11.057.3225.07	32/25 - MOP 16 bar	32	25	45	34,5	17	10	0,02
40/20	11.057.4020.07	40/20 - MOP 16 bar	40	20	50	29,5	15	10	0,02
40/25	11.057.4025.07	40/25 - MOP 16 bar	40	25	50	34,5	17	10	0,02
40/32	11.057.4032.07	40/32 - MOP 16 bar	40	32	50	42,8	19	10	0,03
50/20	11.057.5020.07	50/20 - MOP 16 bar	50	20	55,5	29,4	16	10	0,03
50/25	11.057.5025.07	50/25 - MOP 16 bar	50	25	55	34,7	18	10	0,03
50/32	11.057.5032.07	50/32 - MOP 16 bar	50	32	55	42,5	18,1	10	0,04
50/40	11.057.5040.07	50/40 - MOP 16 bar	50	40	54,5	52,8	26	10	0,04
63/25	11.057.6325.07	63/25 - MOP 16 bar	63	25	64	34,8	18	10	0,05
63/32	11.057.6332.07	63/32 - MOP 16 bar	63	32	65	42,9	18,5	10	0,06
63/40	11.057.6340.07	63/40 - MOP 16 bar	63	40	64,5	52,8	21,5	10	0,07
63/50	11.057.6350.07	63/50 - MOP 16 bar	63	50	65	64,8	25	10	0,08
75/63	11.057.7563.07	75/63 - MOP 16 bar	75	63	64	81,5	29	10	0,11
90/63	11.057.9063.07	90/63 - MOP 16 bar	90	63	87,5	81,5	29	10	0,16
90/75	11.057.9075.07	90/75 - MOP 16 bar	90	75	86,6	93	32	10	0,18
110/63	11.057.1163.07	110/63 - MOP 10 bar	110	63	90	81,2	29	10	0,25
110/90	11.057.1190.07	110/90 - MOP 10 bar	110	90	88	113	37	10	0,30

Verschraubung Typ 24

FPM-Dichtung

formgespritzt

Muffenschweissung

PPR grau

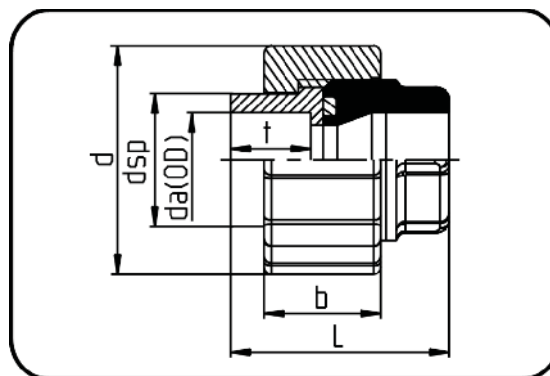
Union Type 24

FPM-sealing

injection moulded

Socket-welding

PPR grey



Code: 024.11

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d mm	b mm	dsp mm	t mm	Gewicht Weight
20	11.024.1120.07	20 - MOP 10 bar	20	45	47	24	27,3	16	0,04
25	11.024.1125.07	25 - MOP 10 bar	25	49	57	26	35,7	18	0,06
32	11.024.1132.07	32 - MOP 10 bar	32	53	64	30	41,3	20	0,08
40	11.024.1140.07	40 - MOP 10 bar	40	59	78	31	52,8	22	0,13
50	11.024.1150.07	50 - MOP 10 bar	50	67	89	35	58,6	24,5	0,18
63	11.024.1163.07	63 - MOP 10 bar	63	79	109	39	73,6	29	0,30

Adapter Innengewinde

R-Gewinde

formgespritzt

Muffenschweissung

PPR grau

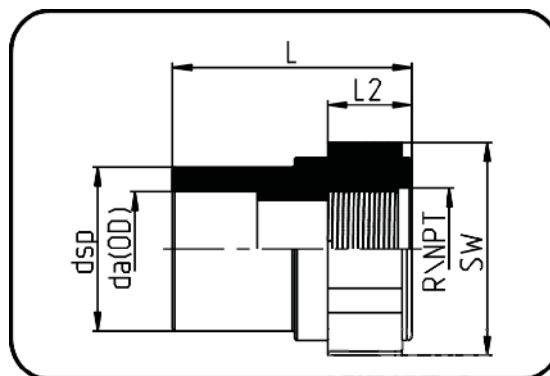
Adaptor Female Thread

R-thread

injection moulded

Socket-welding

PPR grey



Code: 034

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	L2 mm	SW mm	R inch	dsp mm	Gewicht Weight
20	11.034.2020.07	20X1/2" - MOP 10 bar	20	45	16	32	0,5	29	0,02
25	11.034.2525.07	25X3/4" - MOP 10 bar	25	50,5	18	41	0,75	35	0,03
32	11.034.3232.07	32X1" - MOP 10 bar	32	57	20	46	1	43	0,05
40	11.034.4040.07	40X1 1/4" - MOP 10 bar	40	62,5	24	55	1,25	52,5	0,07
50	11.034.5050.07	50X1 1/2" - MOP 10 bar	50	68	25,5	70	1,5	65	0,12
63	11.034.6363.07	63X2" - MOP 10 bar	63	74	30	85	2	81	0,19

Adapter Innengewinde

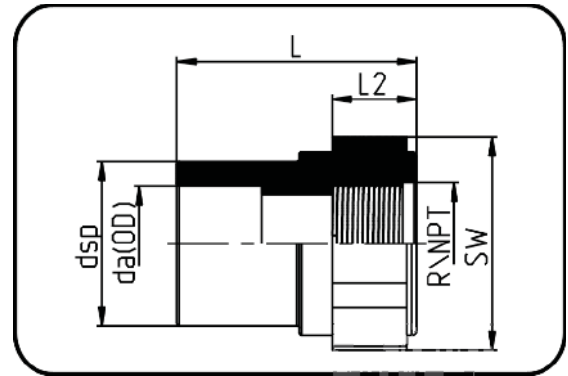
NPT-Gewinde

formgespritzt

Muffenschweissung**PPR grau****Adaptor Female Thread**

NPT-thread

injection moulded

Socket-welding**PPR grey****Code: 034.1**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	L2 mm	SW mm	NPT inch	dsp mm	Gewicht Weight
20	11.034.2021.07	20X1/2" - MOP 10 bar	20	45	16	32	0,5	29	0,02
25	11.034.2526.07	25X3/4" - MOP 10 bar	25	50,5	18	41	0,75	35	0,03
32	11.034.3233.07	32X1" - MOP 10 bar	32	57	20	46	1	43	0,05
40	11.034.4041.07	40X1 1/4" - MOP 10 bar	40	62,5	24	55	1,25	52,5	0,07
50	11.034.5051.07	50X1 1/2" - MOP 10 bar	50	68	25,5	70	1,5	65	0,12
63	11.034.6364.07	63X2" - MOP 10 bar	63	74	30	85	2	81	0,19

Adapter Aussengewinde

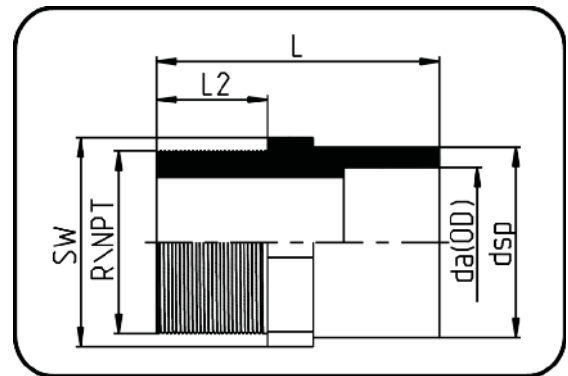
R-Gewinde

formgespritzt

Muffenschweissung**PPR grau****Adaptor Male Thread**

R-thread

injection moulded

Socket-welding**PPR grey****Code: 035**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	L2 mm	SW mm	R inch	dsp mm	Gewicht Weight
20	11.035.2025.07	20X3/4" - MOP 10 bar	20	51	20	27	0,75	25	0,01
25	11.035.2532.07	25X1" - MOP 10 bar	25	61	24	36	1	32	0,02
32	11.035.3240.07	32X1 1/4" - MOP 10 bar	32	66	27	46	1,25	40	0,04
40	11.035.4050.07	40X1 1/2" - MOP 10 bar	40	74	29	55	1,5	50	0,06
50	11.035.5063.07	50X2" - MOP 10 bar	50	78	31	65	2	63	0,09

Adapter Aussengewinde

NPT-Gewinde

formgespritzt

Muffenschweissung

PPR grau

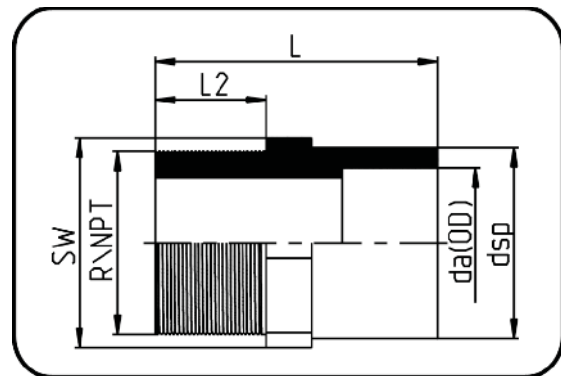
Adaptor Male Thread

NPT-thread

injection moulded

Socket-welding

PPR grey



Code: 035.1

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	L2 mm	SW mm	NPT inch	dsp mm	Gewicht Weight
20	11.035.2026.07	20X3/4" - MOP 10 bar	20	51	20	27	0,75	25	0,01
25	11.035.2533.07	25X1" - MOP 10 bar	25	61	24	36	1	32	0,02
32	11.035.3241.07	32X1 1/4" - MOP 10 bar	32	66	27	46	1,25	40	0,04
40	11.035.4051.07	40X1 1/2" - MOP 10 bar	40	74	29	55	1,5	50	0,06
50	11.035.5064.07	50X2" - MOP 10 bar	50	78	31	65	2	63	0,09

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

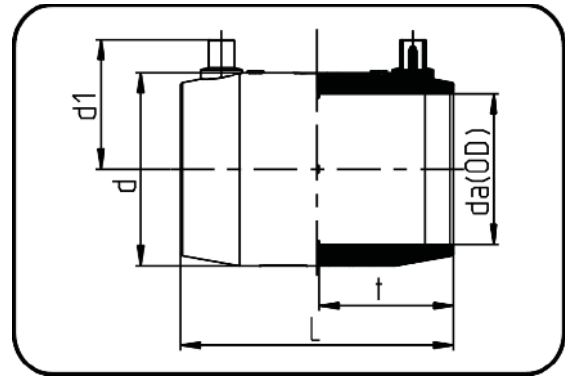
SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

E-Muffe**E-Coupler**

formgespritzt

injection moulded

Heizwendel-Schweissung**Electro-fusion****PPR grau****PPR grey****Code: 173**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d mm	d1 mm	t mm	Gewicht Weight
20	11.173.0020.11	20 SDR 7,4 - 6	20	75	31,2	35	37	0,04
25	11.173.0025.11	25 SDR 11 - 6	25	81	36,2	38	40	0,05
32	11.173.0032.11	32 SDR 11 - 6	32	89	44	42	44	0,07
40	11.173.0040.11	40 SDR 11 - 6	40	100	55	44,5	49	0,10
50	11.173.0050.11	50 SDR 11 - 6	50	112	65	50	55	0,14
63	11.173.0063.11	63 SDR 11 - 6	63	128	80	56,5	63	0,22
75	11.173.0075.11	75 SDR 11 - 6	75	141	97	65,5	70	0,35
90	11.173.0090.11	90 SDR 17 - 6	90	142	114	73	70	0,49
110	11.173.0110.11	110 SDR 17 - 6	110	153	140	83	75	0,78
125	11.173.0125.11	125 SDR 17-11	125	171	161	90,5	85	1,26
140	11.173.0140.11	140 SDR 17-11	140	181	180	98	90	1,60
160	11.173.0160.11	160 SDR 17-11	160	181	200	108,5	90	1,71
200	11.173.0200.11	200 SDR 11	200	217	246	129	106,5	3,18
225	11.173.0225.11	225 SDR 11	225	233	277	144	115	4,30
250	11.173.0250.11	250 SDR 11	250	242	310	159	120	5,68
315	11.173.0315.11	315 SDR 11	315	262	393	201	130	10,33
355	11.173.0355.11	355 SDR 11	355	282	445	225	140	14,75

Kugelhahn

EPDM-Dichtung

formgespritzt

Muffenschweissung

PP grau

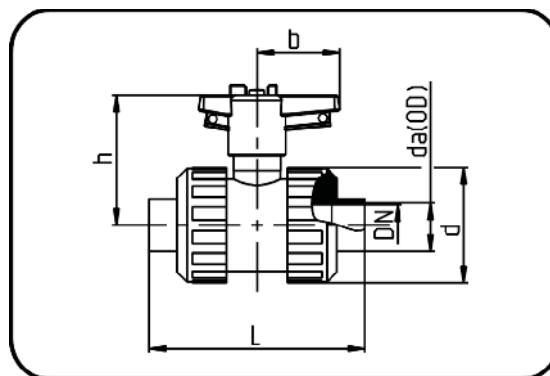
Ball Valve

EPDM-sealing

injection moulded

Socket-welding

PP grey



Code: 335.12

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d mm	h mm	b mm	DN mm	Gewicht Weight
90	11.335.1290.17	90 - MOP 6 bar	90	285	187	160	132	80	3,83
20	11.335.1220.11	20 - MOP 10 bar	20	99,5	52,5	71,5	40	15	0,15
25	11.335.1225.11	25 - MOP 10 bar	25	113	62	77	51,5	20	0,22
32	11.335.1232.11	32 - MOP 10 bar	32	123	69,5	80,5	51,5	25	0,29
40	11.335.1240.11	40 - MOP 10 bar	40	140	84	98,5	64	32	0,48
50	11.335.1250.11	50 - MOP 10 bar	50	164	100	106,5	73	40	0,72
63	11.335.1263.11	63 - MOP 10 bar	63	192	120	115,5	85	50	1,10
75	11.335.1275.11	75 - MOP 10 bar	75	231	155	142	110	63	2,24

Kugelhahn

FPM-Dichtung

formgespritzt

Muffenschweissung

PP grau

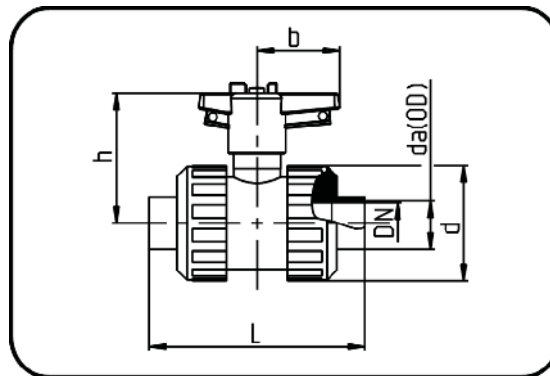
Ball Valve

FPM-sealing

injection moulded

Socket-welding

PP grey



Code: 335.13

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d mm	h mm	b mm	DN mm	Gewicht Weight
90	11.335.1390.17	90 - MOP 6 bar	90	285	187	160	132	80	3,86
20	11.335.1320.11	20 - MOP 10 bar	20	99,5	52,5	71,5	40	15	0,15
25	11.335.1325.11	25 - MOP 10 bar	25	113	62	77	51,5	20	0,23
32	11.335.1332.11	32 - MOP 10 bar	32	123	69,5	80,5	51,5	25	0,29
40	11.335.1340.11	40 - MOP 10 bar	40	140	84	98,5	64	32	0,48
50	11.335.1350.11	50 - MOP 10 bar	50	164	100	106,5	73	40	0,73
63	11.335.1363.11	63 - MOP 10 bar	63	192	120,5	115,5	85	50	1,11
75	11.335.1375.11	75 - MOP 10 bar	75	231	155	142	110	63	2,23

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

SCHWEISSEN
WELDING

Kugelhahn

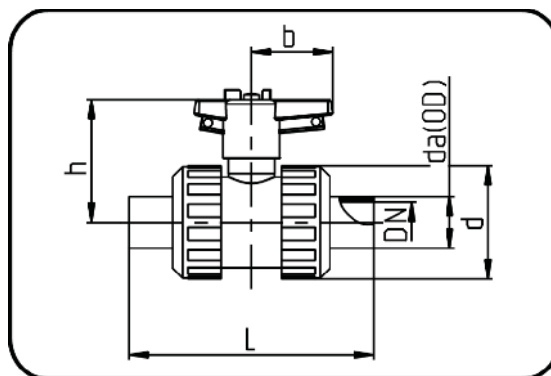
EPDM-Dichtung

formgespritzt

Stumpf+IR-Schweissung**PP grau****Ball Valve**

EPDM-sealing

injection moulded

Butt + IR-welding**PP grey****Code: 335.14**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d mm	h mm	b mm	DN mm	Gewicht Weight
90	11.335.1490.17	90 - SDR17 ISO S-8	90	300	187	160	132	80	3,80
20	11.335.1420.11	20 - SDR11 ISO S-5	20	124	52,5	71,5	40	15	0,15
25	11.335.1425.11	25 - SDR11 ISO S-5	25	144	62	77	51,5	20	0,23
32	11.335.1432.11	32 - SDR11 ISO S-5	32	154	69,5	80,5	51,5	25	0,29
40	11.335.1440.11	40 - SDR11 ISO S-5	40	174	84	98,5	64	32	0,49
50	11.335.1450.11	50 - SDR11 ISO S-5	50	194	100	106,5	73	40	0,75
63	11.335.1463.11	63 - SDR11 ISO S-5	63	224	120,5	115,5	85	50	1,11
75	11.335.1475.11	75 - SDR11 ISO S-5	75	284	155	142	110	63	2,27

Kugelhahn

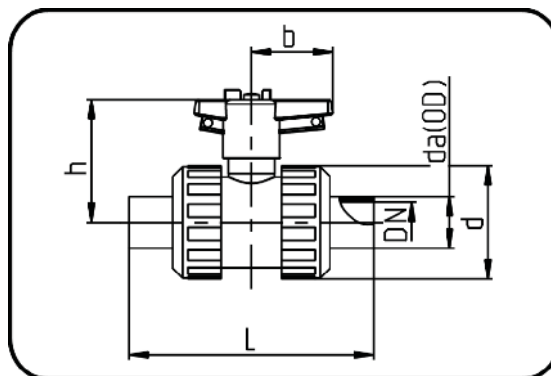
FPM-Dichtung

formgespritzt

Stumpf+IR-Schweissung**PP grau****Ball Valve**

FPM-sealing

injection moulded

Butt + IR-welding**PP grey****Code: 335.15**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d mm	h mm	b mm	DN mm	Gewicht Weight
90	11.335.1590.17	90 - SDR17 ISO S-8	90	300	187	160	132	80	3,80
20	11.335.1520.11	20 - SDR11 ISO S-5	20	124	52,5	71,5	40	15	0,15
25	11.335.1525.11	25 - SDR11 ISO S-5	25	144	62	77	51,5	20	0,24
32	11.335.1532.11	32 - SDR11 ISO S-5	32	151	69,5	80,5	51,5	25	0,30
40	11.335.1540.11	40 - SDR11 ISO S-5	40	174	84	98,5	64	32	0,50
50	11.335.1550.11	50 - SDR11 ISO S-5	50	194	100	106,5	73	40	0,76
63	11.335.1563.11	63 - SDR11 ISO S-5	63	224	120,5	115,5	85	50	1,13
75	11.335.1575.11	75 - SDR11 ISO S-5	75	284	155	142	110	63	2,33

Membranventil

handgesteuert
EPDM Membran

Diaphragm Valve

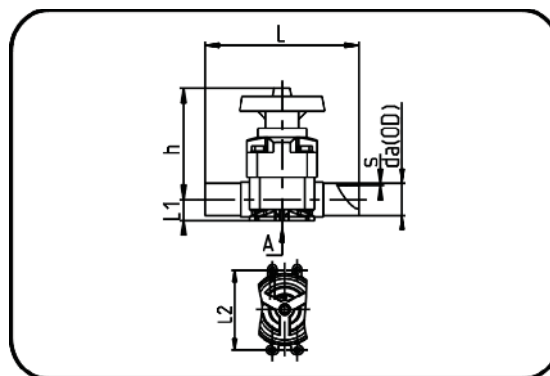
manually controlled
EPDM diaphragm

Stumpf+IR-Schweissung

PP grau

Butt + IR-welding

PP grey



Code: 342.14

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L2 mm	h mm	Gewicht Weight
20	11.342.1420.11	20 - SDR11 ISO S-5	20	1,9	133	24,5	100	0,44
25	11.342.1425.11	25 - SDR11 ISO S-5	25	2,7	144	24,5	100	0,44
32	11.342.1432.11	32 - SDR11 ISO S-5	32	2,9	154	24,5	107	0,64
40	11.342.1440.11	40 - SDR11 ISO S-5	40	3,7	193	44	144	1,40
50	11.342.1450.11	50 - SDR11 ISO S-5	50	4,6	194	44	144	1,46
63	11.342.1463.11	63 - SDR11 ISO S-5	63	5,8	224	44	170	2,25
75	11.342.1475.11	75 - SDR11 ISO S-5	75	6,8	284	230	254	4,82
90	11.342.1490.11	90 - SDR11 ISO S-5	90	8,2	300	230	254	5,09
110	11.342.1411.11	110 - SDR11 ISO S-5	110	10	340	280	320	10,00

Membranventil

handgesteuert
EPDM/PTFE Membran

Diaphragm Valve

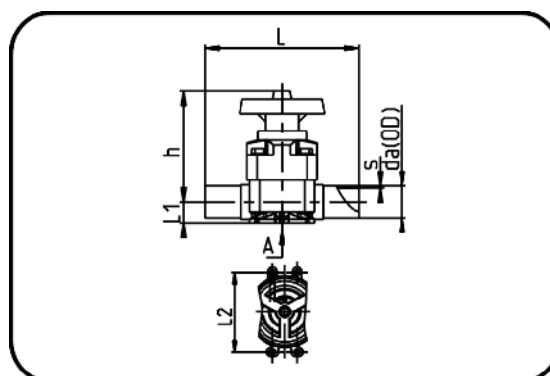
manually controlled
EPDM/PTFE diaphragm

Stumpf+IR-Schweissung

PP Pure grau

Butt + IR-welding

PP Pure grey



Code: 342.15

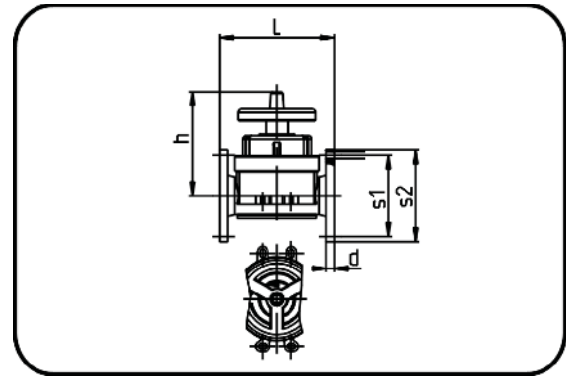
Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L2 mm	h mm	L1 mm	Gewicht Weight
20	72.342.1520.11	20 - SDR11 ISO S-5	20	1,9	133	24,5	100	16,5	0,44
25	72.342.1525.11	25 - SDR11 ISO S-5	25	2,7	144	24,5	100	16,5	0,45
32	72.342.1532.11	32 - SDR11 ISO S-5	32	2,9	154	24,5	107	20,5	0,64
40	72.342.1540.11	40 - SDR11 ISO S-5	40	3,7	193	44	144	25,5	1,48
50	72.342.1550.11	50 - SDR11 ISO S-5	50	4,6	194	44	144	32	1,46
63	72.342.1563.11	63 - SDR11 ISO S-5	63	5,8	224	44	170	38,5	2,26
75	72.342.1575.11	75 - SDR11 ISO S-5	75	6,8	284	230	254	25	5,13
90	72.342.1590.11	90 - SDR11 ISO S-5	90	8,2	300	230	254	25	5,13
110	72.342.1511.11	110 - SDR11 ISO S-5	110	10	340	280	320	25	9,92

Membranventil

handgesteuert
EPDM Membran

Diaphragm Valve

manually controlled
EPDM diaphragm

Flanschverbindung**PP grau****Flange connection****PP grey****Code: 342.16**

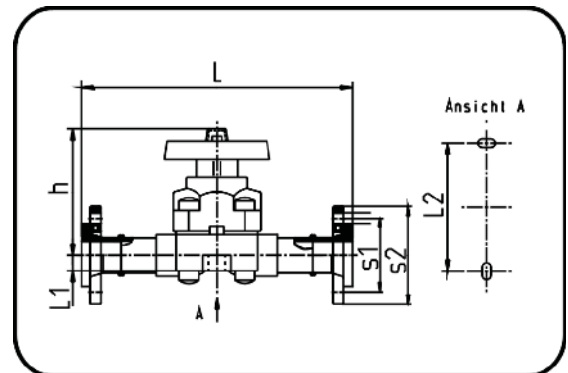
Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	L2 mm	h mm	Gewicht Weight
40	11.342.1640.11	40 - MOP 10 bar DIN/ANSI/JIS	40	180	44	138	1,75
50	11.342.1650.11	50 - MOP 10 bar DIN/ANSI/JIS	50	200	44	144	1,91
63	11.342.1663.11	63 - MOP 10 bar DIN/ANSI/JIS	63	230	44	170	2,87
90	11.342.1690.11	90 - MOP 10 bar DIN/ANSI/JIS	90	310	230	254	5,94
110	11.342.1611.11	110 - MOP 10 bar DIN/ANSI/JIS	110	350	280	320	11,02
140	11.342.1614.11	140 - MOP 10 bar DIN	140	450	280	320	11,59

Membranventil

handgesteuert
EPDM Membran

Diaphragm Valve

manually controlled
EPDM diaphragm

Flanschverbindung DIN**PP grau****Flange connection DIN****PP grey****Code: 242.14**

Dimension Dimension	Code Code	Detail Detail	L mm	L1 mm	L2 mm	s1 mm	s2 mm	h mm	Gewicht Weight
20	11.242.1420.11	20 - MOP 10 bar	220	17	24,3	65	95	100	1,10
25	11.242.1425.11	25 - MOP 10 bar	240	17	24,3	75	108	100	0,46
32	11.242.1432.11	32 - MOP 10 bar	250	21	24,3	85	115	107	1,57
75	11.242.1475.11	75 - MOP 10 bar	380	25	230	145	187	254	7,74

Membranventil

handgesteuert
EPDM/PTFE Membran

Diaphragm Valve

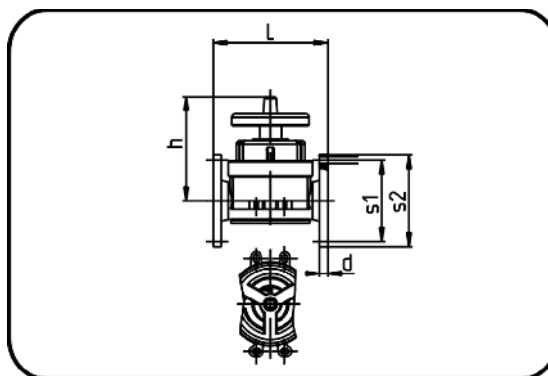
manually controlled
EPDM/PTFE diaphragm

Flanschverbindung

PP Pure grau

Flange connection

PP Pure grey



Code: 342.17

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	h mm	s2 mm	d mm	s1 mm	Gewicht Weight
40	72.342.1740.11	40 - MOP 10 bar DIN/ANSI/JIS	40	180	138	140	19	88,9	1,79
50	72.342.1750.11	50 - MOP 10 bar DIN/ANSI/JIS	50	200	144	150	23	98,4	1,94
63	72.342.1763.11	63 - MOP 10 bar DIN/ANSI/JIS	63	230	170	165	25	120	2,85
90	72.342.1790.11	90 - MOP 10 bar DIN/ANSI/JIS	90	310	254	200	36	160	6,13
110	72.342.1711.11	110 - MOP 10 bar DIN/ANSI/JIS	110	350	320	230	35	175	11,68
140	72.342.1714.11	140 - MOP 10 bar DIN	140	450	320	248	35	210	12,29

Membranventil

handgesteuert
EPDM/PTFE Membran

Diaphragm Valve

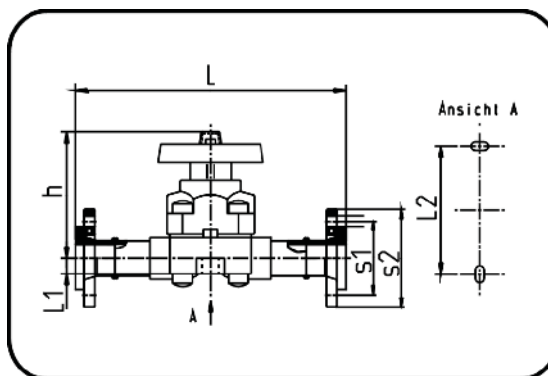
manually controlled
EPDM/PTFE diaphragm

Flanschverbindung DIN

PP Pure grau

Flange connection DIN

PP Pure grey



Code: 242.15

Dimension Dimension	Code Code	Detail Detail	L mm	L1 mm	L2 mm	s1 mm	s2 mm	h mm	Gewicht Weight
20	72.242.1520.11	20 - MOP 10 bar	220	17	24,3	65	95	100	0,98
25	72.242.1525.11	25 - MOP 10 bar	240	17	24,3	75	108	100	0,63
32	72.242.1532.11	32 - MOP 10 bar	250	21	24,3	85	115	107	1,60
75	72.242.1575.11	75 - MOP 10 bar	380	25	230	145	187	254	7,86

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

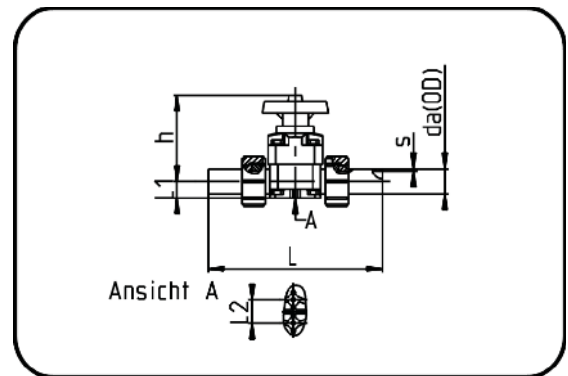
SCHWEISSEN
WELDING

Membranventil

handgesteuert
EPDM/PTFE Membran

Diaphragm Valve

manually controlled
EPDM/PTFE diaphragm

Verschraubungsanschluss**PP Pure grau****Union Connection****PP Pure grey****Code: 340**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	s mm	L mm	L1 mm	L2 mm	h mm	Gewicht Weight
20	72.340.0020.11	20 - SDR11 - MOP 10 bar	20	2,5	198	16,5	24,5	100	0,48
25	72.340.0025.11	25 - SDR11 - MOP 10 bar	25	2,7	222	16,5	24,5	100	0,50
32	72.340.0032.11	32 - SDR11 - MOP 10 bar	32	2,9	236	20,5	24,5	107	0,80
40	72.340.0040.11	40 - SDR11 - MOP 10 bar	40	3,7	260	25,5	44	144	1,63
50	72.340.0050.11	50 - SDR11 - MOP 10 bar	50	4,6	286	32	44	144	1,54
63	72.340.0063.11	63 - SDR11 - MOP 10 bar	63	5,8	322	38,5	44	170	2,80

Rückschlagventil mit Feder

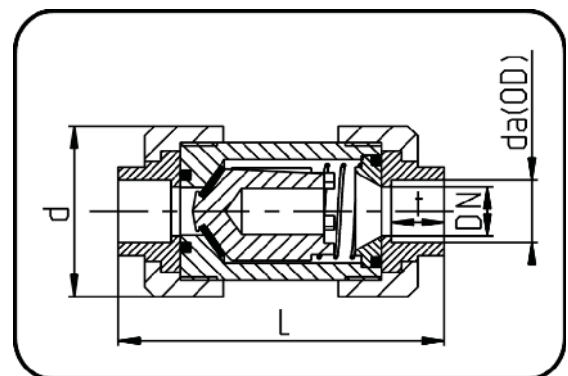
EPDM-Dichtung

Check Valve with Spring

EPDM-sealing

formgespritzt

injection moulded

Muffenschweissung**PP grau****Socket-welding****PP grey****Code: 336.10**

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	d mm	t mm	p bar	DN mm	Gewicht Weight
90	11.336.1090.17	90 - MOP 6 bar	90	286	188	37	6	80	3,13
20	11.336.1020.11	20 - MOP 10 bar	20	98	53	16	10	15	0,11
25	11.336.1025.11	25 - MOP 10 bar	25	111	63	17,5	10	20	0,17
32	11.336.1032.11	32 - MOP 10 bar	32	122	70,5	19,5	10	25	0,22
40	11.336.1040.11	40 - MOP 10 bar	40	140	85,5	22	10	32	0,36
50	11.336.1050.11	50 - MOP 10 bar	50	164	100,5	25,5	10	40	0,56
63	11.336.1063.11	63 - MOP 10 bar	63	192	118	29,5	10	50	0,88
75	11.336.1075.11	75 - MOP 10 bar	75	232	151	32	10	65	1,72

Rückschlagventil mit Feder

EPDM-Dichtung

formgespritzt

Stumpf+IR-Schweissung

PP grau

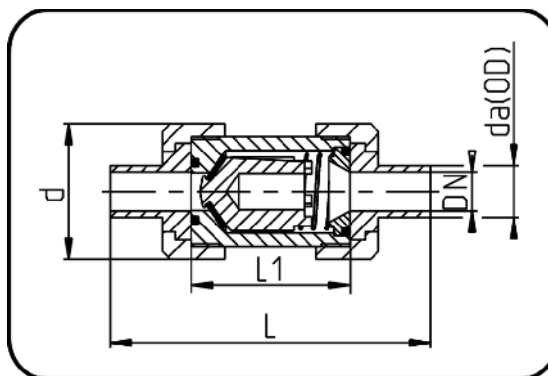
Check Valve with Spring

EPDM-sealing

injection moulded

Butt + IR-welding

PP grey



Code: 336.12

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	L1 mm	d mm	p bar	DN mm	Gewicht Weight
90	11.336.1290.17	90 - SDR17 ISO S-8	90	296	160	188	6	80	3,04
20	11.336.1220.11	20 - SDR11 ISO S-5	20	124	61	53	10	15	0,11
25	11.336.1225.11	25 - SDR11 ISO S-5	25	143	69	63	10	20	0,17
32	11.336.1232.11	32 - SDR11 ISO S-5	32	151	72	70,5	10	25	0,22
40	11.336.1240.11	40 - SDR11 ISO S-5	40	171	83	85,5	10	32	0,38
50	11.336.1250.11	50 - SDR11 ISO S-5	50	192	94	100,5	10	40	0,59
63	11.336.1263.11	63 - SDR11 ISO S-5	63	220	108	120	10	50	0,91
75	11.336.1275.11	75 - SDR11 ISO S-5	75	280	135	151	10	65	1,81

Rückschlagventil mit Feder

FPM-Dichtung

formgespritzt

Stumpf+IR-Schweissung

PP Pure grau

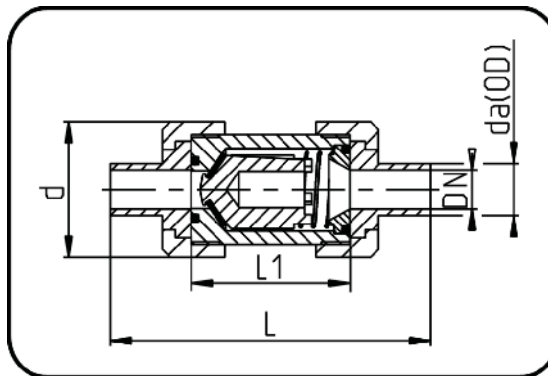
Check Valve with Spring

FPM-sealing

injection moulded

Butt + IR-welding

PP Pure grey



Code: 336.13

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	L mm	L1 mm	d mm	p bar	DN mm	Gewicht Weight
90	72.336.1390.17	90 - SDR17 ISO S-8	90	295	160	188	6	80	3,19
20	72.336.1320.11	20 - SDR11 ISO S-5	20	124	61	53	10	15	0,11
25	72.336.1325.11	25 - SDR11 ISO S-5	25	143	69	63	10	20	0,17
32	72.336.1332.11	32 - SDR11 ISO S-5	32	151	72	70,5	10	25	0,23
40	72.336.1340.11	40 - SDR11 ISO S-5	40	171	83	85,5	10	32	0,37
50	72.336.1350.11	50 - SDR11 ISO S-5	50	190,5	94	100,5	10	40	0,59
63	72.336.1363.11	63 - SDR11 ISO S-5	63	220	108	118	10	50	0,92
75	72.336.1375.11	75 - SDR11 ISO S-5	75	279	135	151	10	65	1,88

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

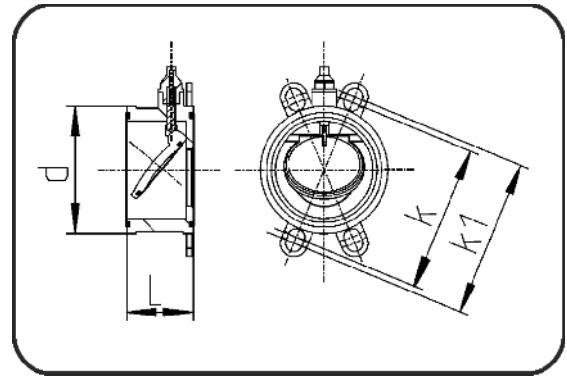
SCHWEISSEN
WELDING

**Rückschlagklappe K4 mit
Feder**

EPDM-Dichtung

**Swing check valve K4 +
Spring**

EPDM-sealing

**Code: 258.1**
**Flanschverbindung
DIN/ANSI/JIS**
PP grau
**Flange connection
DIN/ANSI/JIS**
PP grey

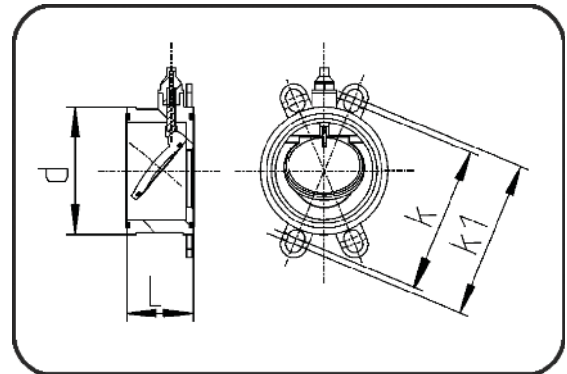
Dimension Dimension	Code Code	Detail Detail	da(OD) mm	DN mm	L mm	d mm	k mm	k1 mm	Gewicht Weight
75	11.258.1075.17	DN 65 da 75 MOP 6 bar	75	65	63	115	139	145	0,29
90	11.258.1090.17	DN 80 da 90 MOP 6 bar	90	80	71	128	150	160	0,46
110	11.258.1110.17	DN 100 da 110 MOP 6 bar	110	100	80	155	175	191	0,50
160	11.258.1160.17	DN 150 da 160 MOP 6 bar	160	150	106	212	234	242	1,40
225	11.258.1225.17	DN 200 da 225 MOP 6 bar	225	200	140	264	290	299	2,80
280	11.258.1280.17	DN 250 da 280 MOP 6 bar	280	250	140	325	350	362	4,23

**Rückschlagklappe K4 mit
Feder**

EPDM-Dichtung

**Swing check valve K4 +
Spring**

EPDM-sealing

**Code: 258.3**
**Flanschverbindung
DIN/ANSI/JIS**
PP-GFK grau
**Flange connection
DIN/ANSI/JIS**
PP-GFK grey

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	DN mm	L mm	d mm	k mm	k1 mm	Gewicht Weight
75	11.258.3075.11	DN 65 da 75 MOP 10 bar	75	65	63	115	139	145	0,35
90	11.258.3090.11	DN 80 da 90 MOP 10 bar	90	80	71	128	150	160	0,45
110	11.258.3110.11	DN 100 da 110 MOP 10 bar	110	100	80	155	175	191	0,70
160	11.258.3160.11	DN 150 da 160 MOP 10 bar	160	150	106	212	234	242	1,71
225	11.258.3225.11	DN 200 da 225 MOP 10 bar	225	200	140	264	290	299	3,28
280	11.258.3280.11	DN 250 da 280 MOP 8 bar	280	250	140	325	350	362	5,31

Rückschlagklappe S4 mit Feder

EPDM-Dichtung

formgespritzt

Flanschverbindung

PP grau

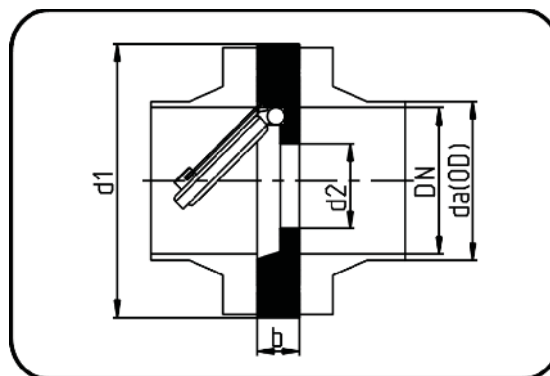
Swing Type Check Valve+Spring

EPDM-sealing S4

injection moulded

Flange connection

PP grey



Code: 339.10

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	d1 mm	d2 mm	b mm	DN mm	Gewicht Weight
40	11.339.1040.11	40 - MOP 6 bar	40	85	18,2	15,5	32	0,31
50	11.339.1050.11	50 - MOP 6 bar	50	95,7	22	16,5	40	0,25
63	11.339.1063.11	63 - MOP 6 bar	63	108,5	31,3	20,5	50	0,17
140	11.339.1014.11	140 - MOP 6 bar	140	194	90	22	125	0,58
315	11.339.1031.11	315 - MOP 6 bar	315	380	223,8	45,5	300	3,60

Für diese Artikel ist eine Austrittshilfe notwendig.
An outlet support is necessary for these articles.

Rückschlagklappe S4 ohne Feder

EPDM-Dichtung

formgespritzt

Flanschverbindung

PP grau

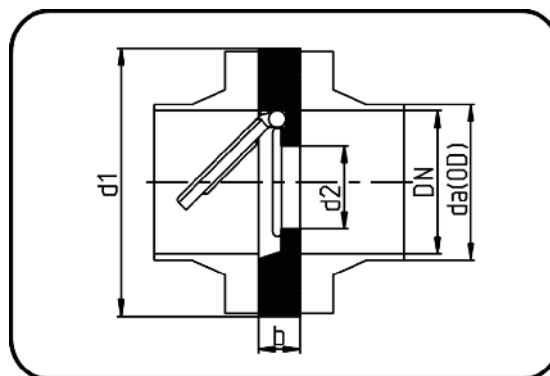
Swing Type Check Valve w/o Sp.

EPDM-sealing S4

injection moulded

Flange connection

PP grey



Code: 339.12

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	d1 mm	d2 mm	b mm	DN mm	Gewicht Weight
40	11.339.1240.11	40 - MOP 6 bar	40	85	18,2	15,5	32	0,22
50	11.339.1250.11	50 - MOP 6 bar	50	95,7	22	16,5	40	0,11
63	11.339.1263.11	63 - MOP 6 bar	63	108,5	31,3	20,5	50	0,27
140	11.339.1214.11	140 - MOP 6 bar	140	194	90	22	125	1,36
315	11.339.1231.11	315 - MOP 6 bar	315	380	223,8	45,5	300	3,60

Für diese Artikel ist eine Austrittshilfe notwendig.
An outlet support is necessary for these articles.

PP
PP

MINELINE
MINELINE

PPS
PPS

PPS-ESD EL
PPS-ESD EL

PPR-LINER
PPR-LINER

PEHD-ESD EL
HDPE-ESD EL

PVDF
PVDF

ECTFE
ECTFE

DOPPELROHR
DUAL PIPE

COOLSAFE
COOLSAFE

ZUBEHÖR
ACCESSORIES

SEAL CLEAN
SEAL CLEAN

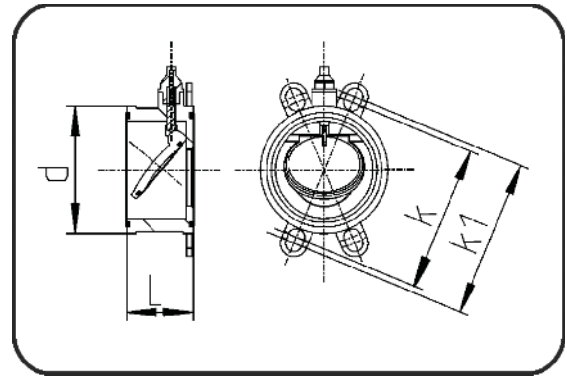
SCHWEISSEN
WELDING

**Rückschlagklappe K4 mit
Feder**

FPM-Dichtung

**Swing check valve K4 +
Spring**

FPM-sealing

**Code: 258**
**Flanschverbindung
DIN/ANSI/JIS**
PP Pure grau
**Flange connection
DIN/ANSI/JIS**
PP Pure grey

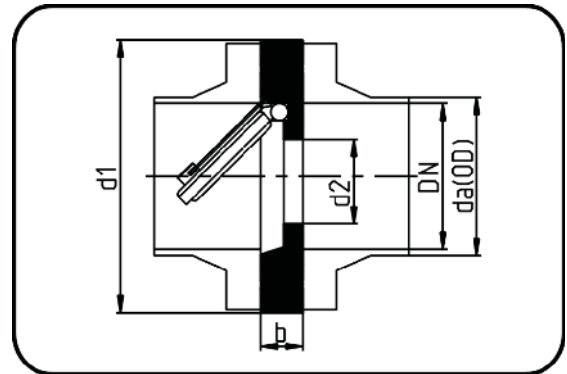
Dimension Dimension	Code Code	Detail Detail	da(OD) mm	DN mm	L mm	d mm	k mm	k1 mm	Gewicht Weight
75	72.258.0075.17	DN 65 da 75 MOP 6 bar	75	65	63	115	139	145	0,25
90	72.258.0090.17	DN 80 da 90 MOP 6 bar	90	80	71	128	150	160	0,40
110	72.258.0110.17	DN 100 da 110 MOP 6 bar	110	100	80	155	175	191	0,43
160	72.258.0160.17	DN 150 da 160 MOP 6 bar	160	150	106	212	234	242	1,40
225	72.258.0225.17	DN 200 da 225 MOP 6 bar	225	200	140	264	290	299	2,60
280	72.258.0280.17	DN 250 da 280 MOP 6 bar	280	250	140	325	350	362	4,24

**Rückschlagklappe S4 mit
Feder**

FPM-Dichtung

**Swing Type Check
Valve+Spring**

FPM-sealing

**Code: 339.11**

formgespritzt

injection moulded

Flanschverbindung
PP Pure grau
Flange connection
PP Pure grey

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	d1 mm	d2 mm	b mm	DN mm	Gewicht Weight
40	72.339.1140.11	40 - MOP 6 bar	40	85	18	15	32	0,10
50	72.339.1150.11	50 - MOP 6 bar	50	96	22	16	40	0,12
63	72.339.1163.11	63 - MOP 6 bar	63	108,5	32	20	50	0,36
140	72.339.1114.11	140 - MOP 6 bar	140	194	91	22	125	0,97
315	72.339.1131.11	315 - MOP 6 bar	315	380	223,8	45	300	2,89

Für diese Artikel ist eine Austrittshilfe notwendig.

An outlet support is necessary for these articles.

Rückschlagklappe S4 ohne Feder **Swing Type Check Valve w/o Sp.**

FPM-Dichtung

FPM-sealing

formgespritzt

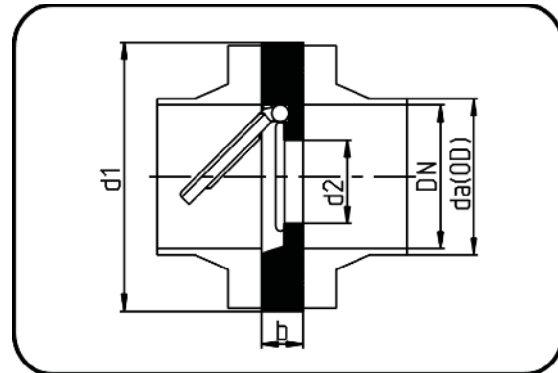
injection moulded

Flanschverbindung

Flange connection

PP Pure grau

PP Pure grey



Code: 339.13

Dimension Dimension	Code Code	Detail Detail	da(OD) mm	d1 mm	d2 mm	b mm	DN mm	Gewicht Weight
40	72.339.1340.11	40 - MOP 6 bar	40	85	18	15	32	0,22
50	72.339.1350.11	50 - MOP 6 bar	50	96	22	16	40	0,25
63	72.339.1363.11	63 - MOP 6 bar	63	108,5	32	20	50	0,36
140	72.339.1314.11	140 - MOP 6 bar	140	194	91	22	125	0,97
315	72.339.1331.11	315 - MOP 6 bar	315	397	213	45	300	3,60

Für diese Artikel ist eine Austrittshilfe notwendig.
An outlet support is necessary for these articles.

PP	PP
MINELINE	MINELINE
PPS	PPS
PPS-ESD EL	PPS-ESD EL
PPR-LINER	PPR-LINER
PEHD-ESD EL	HDPE-ESD EL
PVDF	PVDF
ECTFE	ECTFE
DOPPELROHR	DUAL PIPE
COOLSAFE	COOLSAFE
ZUBEHÖR	ACCESSORIES
SEAL CLEAN	SEAL CLEAN
SCHWEISSEN	WELDING



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