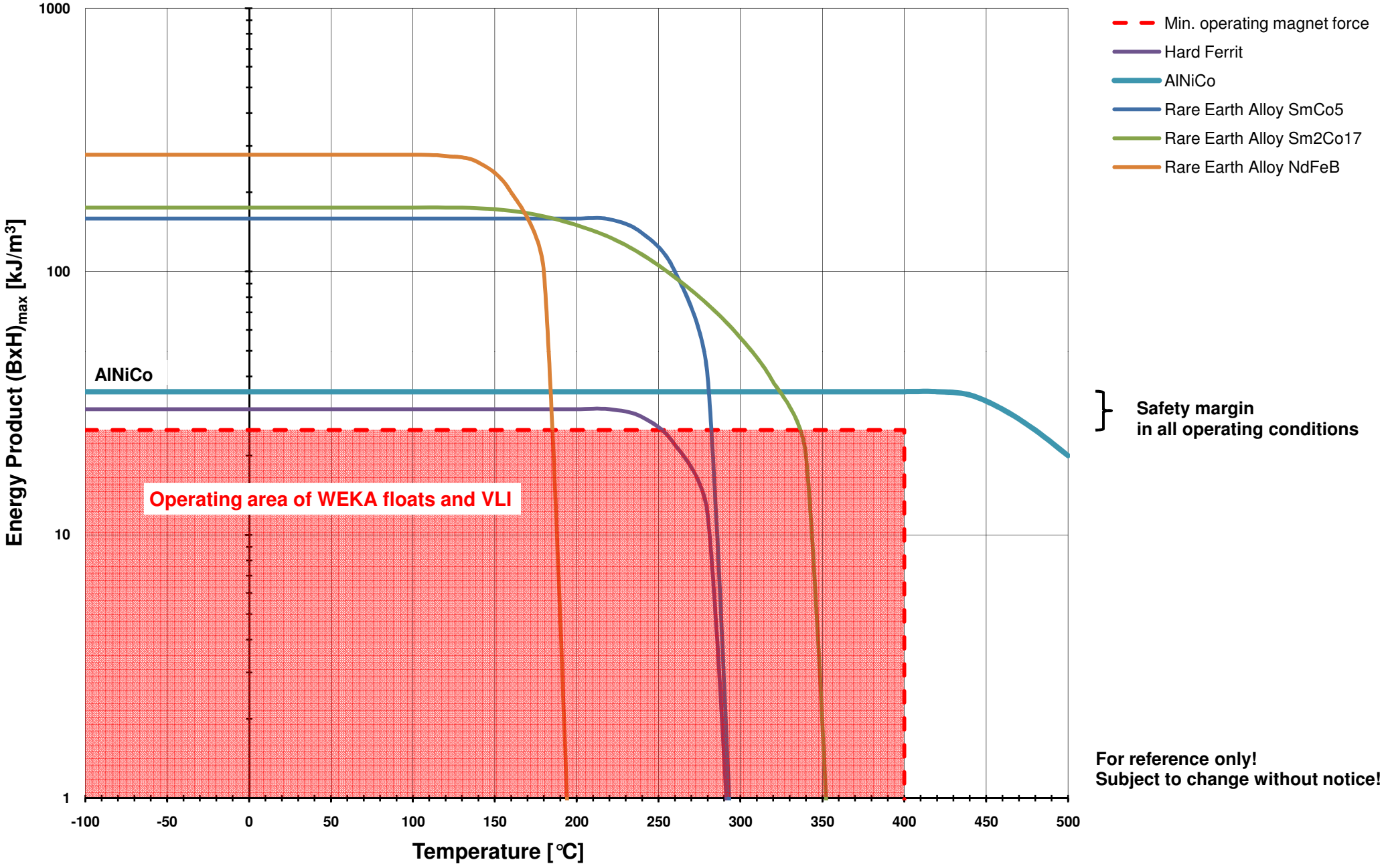
www.weka-ag.ch

Comparision of 'magnet force' for differnt magnet materials and temperature

Attention: Energy product depends on form and mass of the magnet. Diagram shows not the reversible loss of magnet force.



For reference only!
Subject to change without notice!

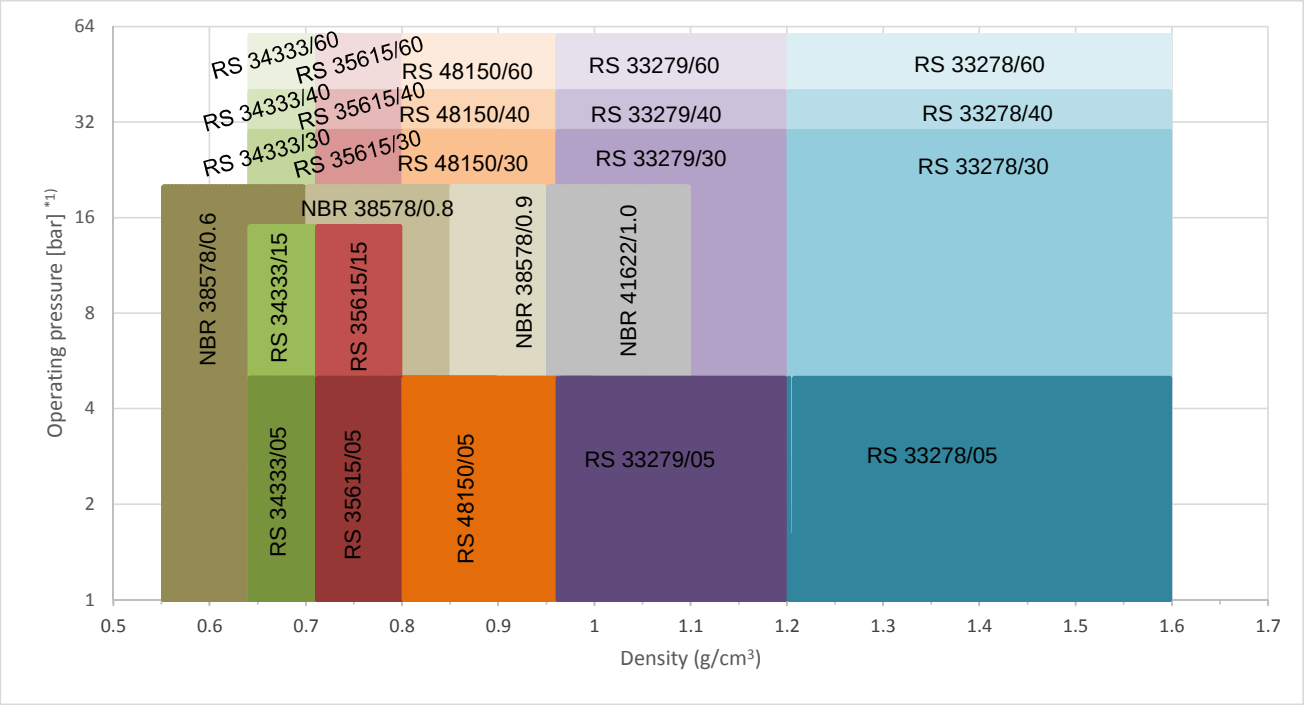
www.weka-ag.ch

Float data sheet overview

Smart-Line

(34000, 34110)

remarks: min./max. pipe ID => 28/32mm (all RS type)
min./max. pipe ID => 29.7/32mm (type 38578/XX)



Remarks

*1) corresponds max. operating/test pressure in bar

*2) RS and KS are complementary information for float- or ball float

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Tel. ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

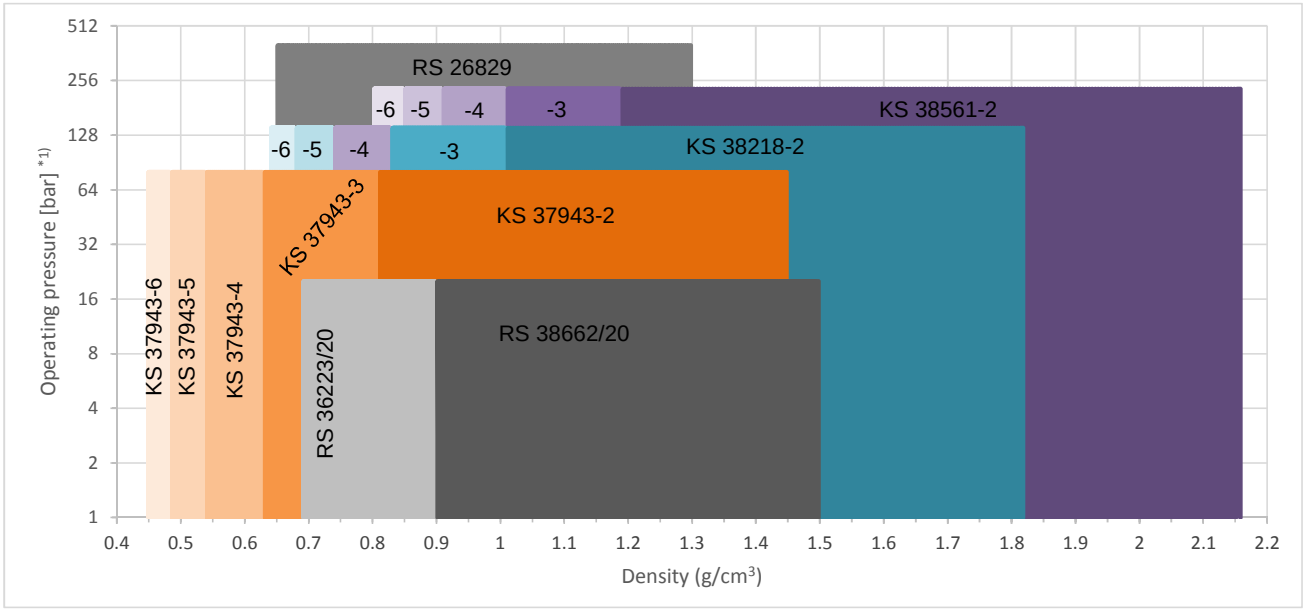
www.weka-ag.ch

Float data sheet overview

Standard-Line

(23614, 34300, 32755)

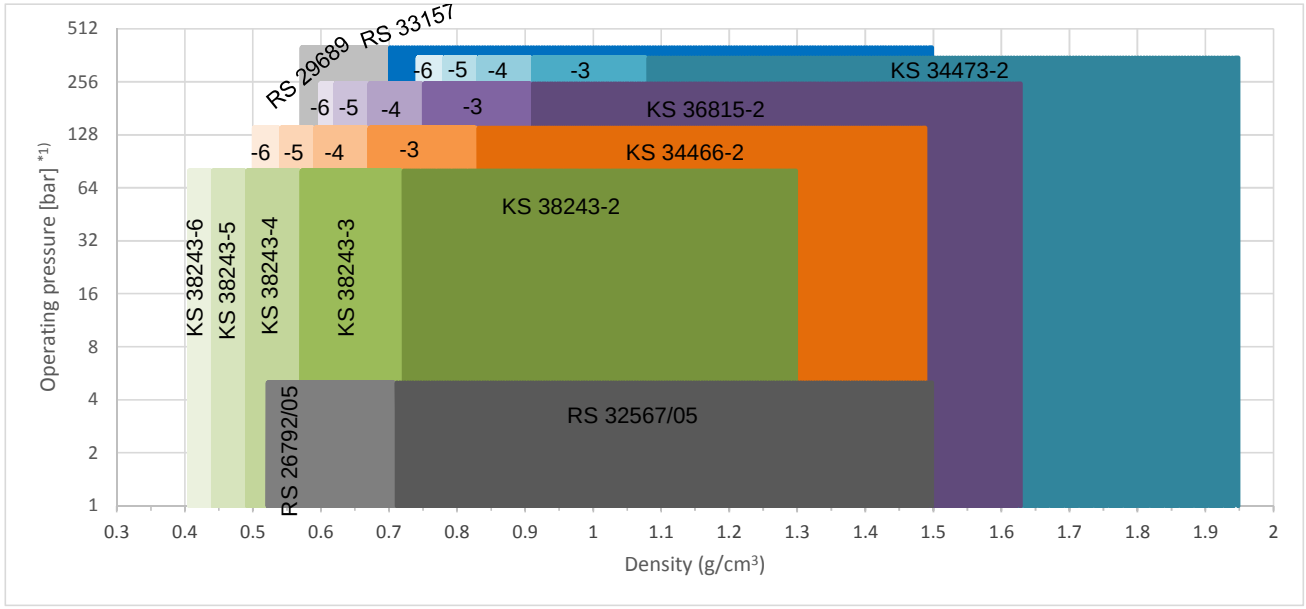
remarks: min./max. pipe ID => 48/50mm (KS, RS und NBR type)



High-Pressure/Petro

(36800, 26411, 25683, 32608, Petro)

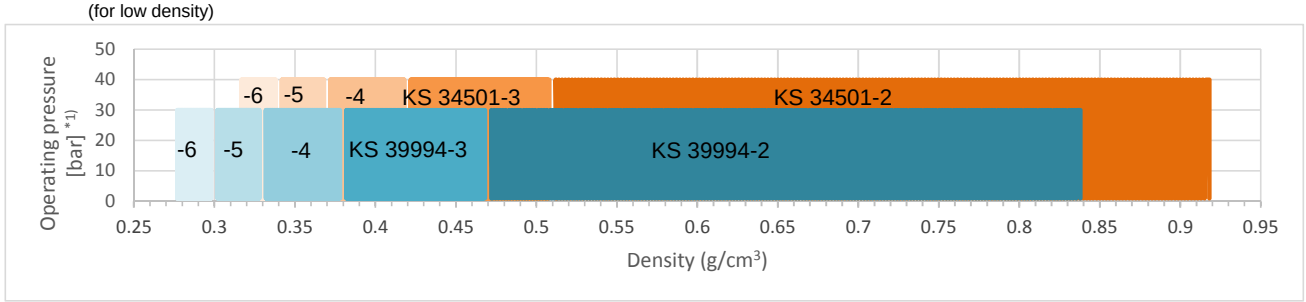
remarks: min./max. pipe ID => 50/54mm (RS type)
min./max. pipe ID => 51/54mm (KS type)



Petro

(for low density)

remarks: min./max. pipe ID => 66/70mm (type 34501)



Remarks

*1) corresponds max. operating/test pressure in bar

*2) RS and KS are complementary information for float- or ball float

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Tel. ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

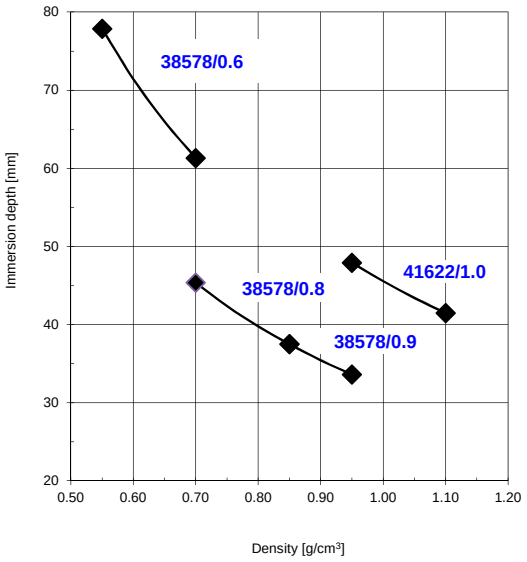
www.weka-ag.ch

Data Sheet Overview: NBR- Floats

Page	Type	Material of float	max. operating pressure / test pressure	max. temperature range of liquid	min. density of liquid	Remarks

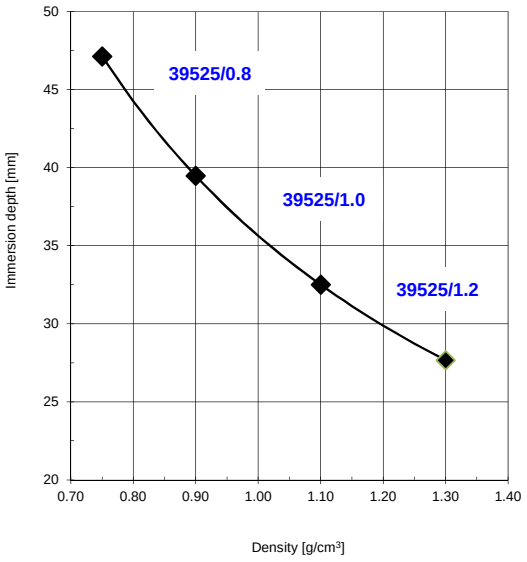
NBR- Floats Ø28,5mm and Ø27mm for EconomyLine 6 and Smartline 50

A1	38578/0.6	NBR (foamed)	20bar@20ºC	-40°Cé +100°C	0.55 g/cm³
A2	38578/0.8				0.70 g/cm³
A3	38578/0.9				0.85 g/cm³
A4	41622/1.0				0.95 g/cm³



NBR- Floats Ø46mm for EconomyLine 6 and Standard 6

A5	39525/0.8	NBR (foamed)	20bar@20ºC	-40°Cé +100°C	0.75 g/cm³
A6	39525/1.0				0.90 g/cm³
A7	39525/1.2				1.10 g/cm³



Extract from suitable liquids *1)

Aviation gas	
Butane, liquid	Naphtha
Propane, liquid	Regular premium gasoline
Diesel fuel	Skelly solvents
Ethylene benzene	Stoddard's solvents
Fuel oil	some alcohols
Hexane	Methanol, Ethanol
Hydraulic oil	some alkaline salts
Jet fuel	some neutral salts
Kerosene	Water (no drinking water)
Motor oil	

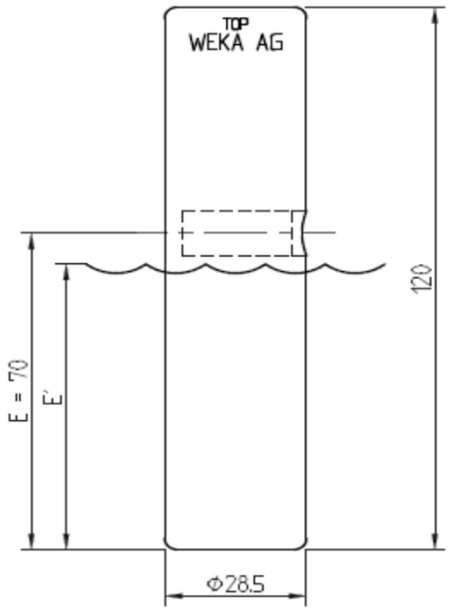
Further liquids on request!

*1) The medium compatibility must be examined in each individual case!

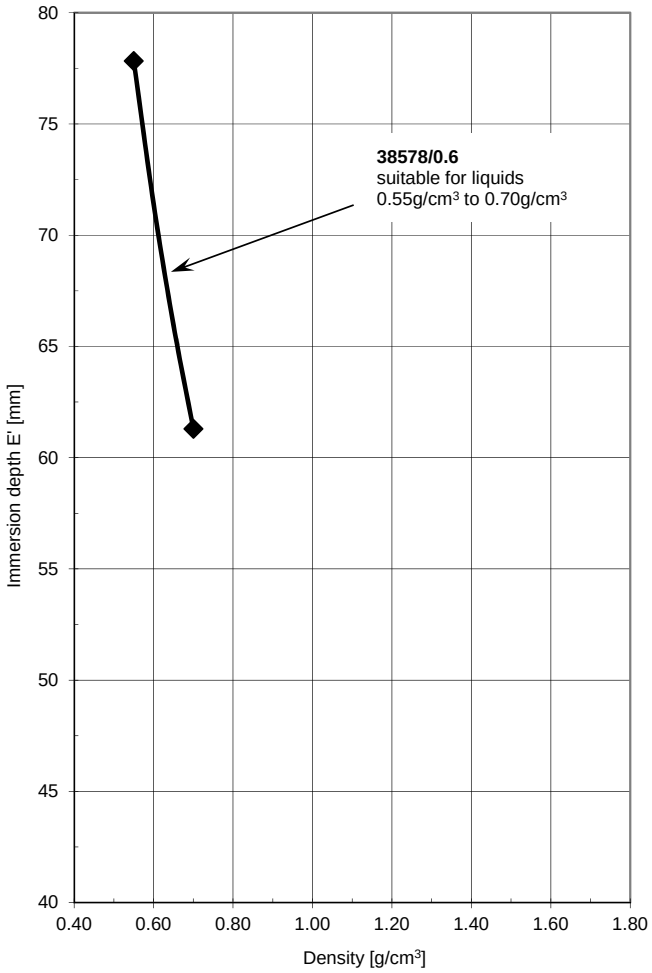
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Economy & SmartLine: NBR-Floats Ø28,5x120 Type 38578/0.6



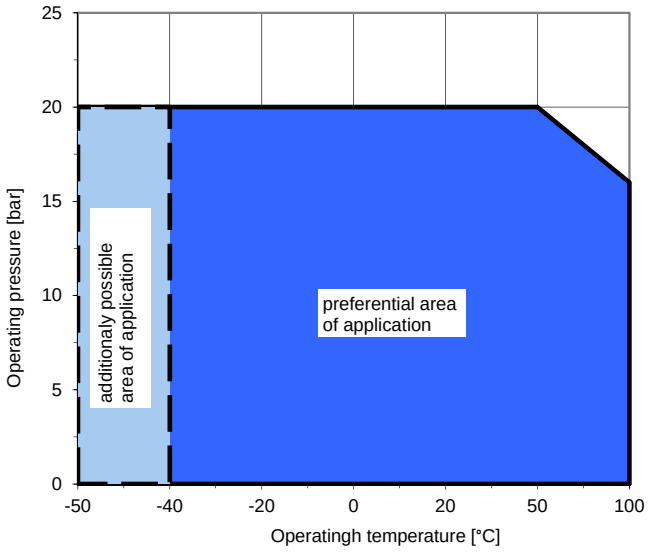
E = theoretical immersion depth
E' = effective immersion depth



Extract from suitable liquids *1)

Aviation gas
Butane, liquid
Propane, liquid
Diesel fuel
Ethylene benzene
Fuel oil
Hexane
Hydraulic oil
Jet fuel
Kerosene
Motor oil
Naphtha
Regular premium gasoline
Skelly solvents
Stoddard's solvents
some alcohols
Methanol, Ethanol
some alkaline salts
some neutral salts
Water (no drinking water)

Further liquids on request!



Technical details

Material	NBR (foamed)
max. operating pressure *2)	20 bar@20 °C
max. test pressure *2)	20 bar@20 °C
min. density	0.55 g/cm³
min./max. pipe ID	29.7/32 mm
theo. immersion depth E	71.4mm = for density 0.60g/cm³
eff. immersion depth E'	see diagram

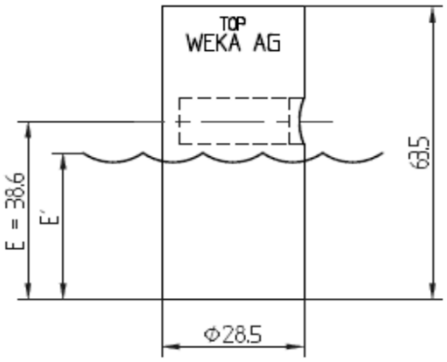
Commentary

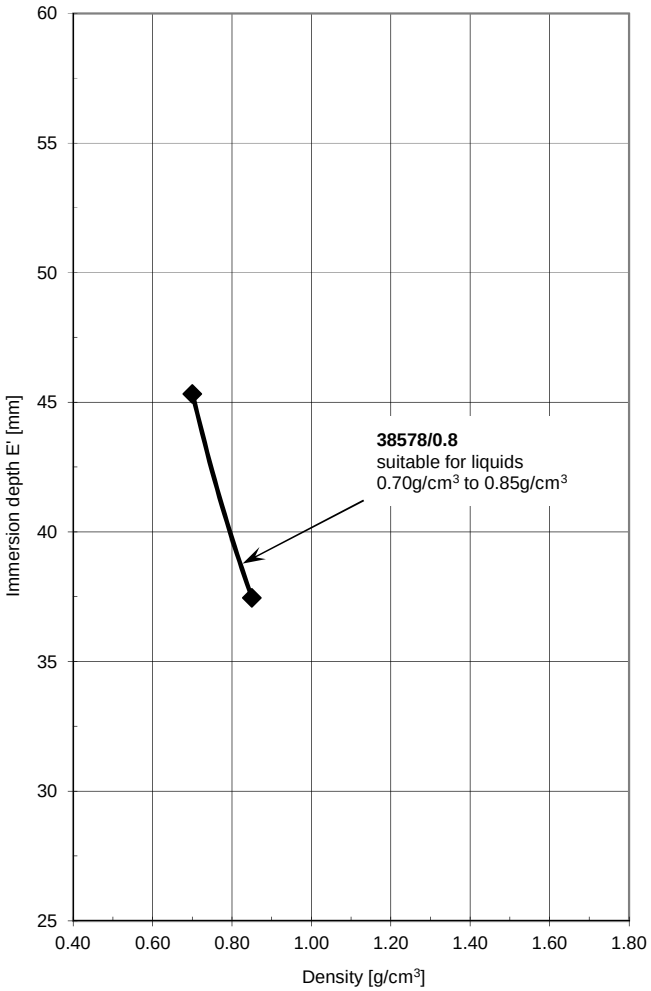
*1) The medium compatibility must be examined in each individual case!
*2) corresponds to max. operating and test pressure in bar
Not applicable for hazardous area in explosive environment (ATEX)!

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Economy & SmartLine: NBR-Floats Ø28,5x63.5 Type 38578/0.8



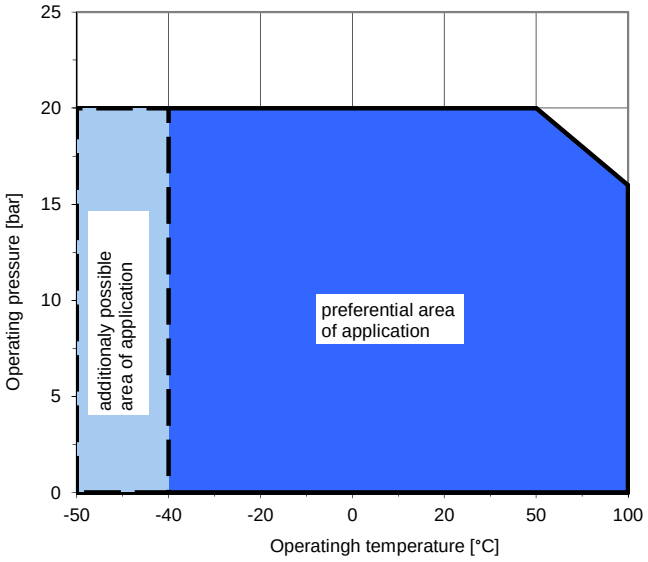


E = theoretical immersion depth
E' = effective immersion depth

Extract from suitable liquids *1)

Aviation gas
Butane, liquid
Propane, liquid
Diesel fuel
Ethylene benzene
Fuel oil
Hexane
Hydraulic oil
Jet fuel
Kerosene
Motor oil
Naphtha
Regular premium gasoline
Skelly solvents
Stoddard's solvents
some alcohols
Methanol, Ethanol
some alkaline salts
some neutral salts
Water (no drinking water)

Further liquids on request!



Technical details

Material	NBR (foamed)
max. operating pressure *2)	20 bar@20 °C
max. test pressure *2)	20 bar@20 °C
min. density	0.70 g/cm³
min./max. pipe ID	29.7/32 mm
theo. immersion depth E	39.8mm = for density 0.80g/cm³
eff. immersion depth E'	see diagram

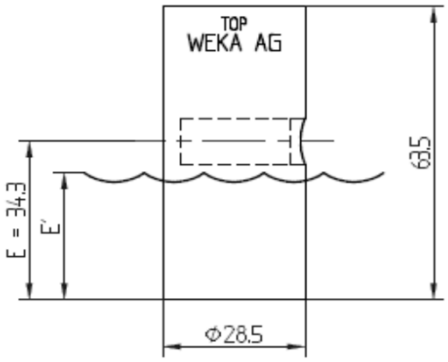
Commentary

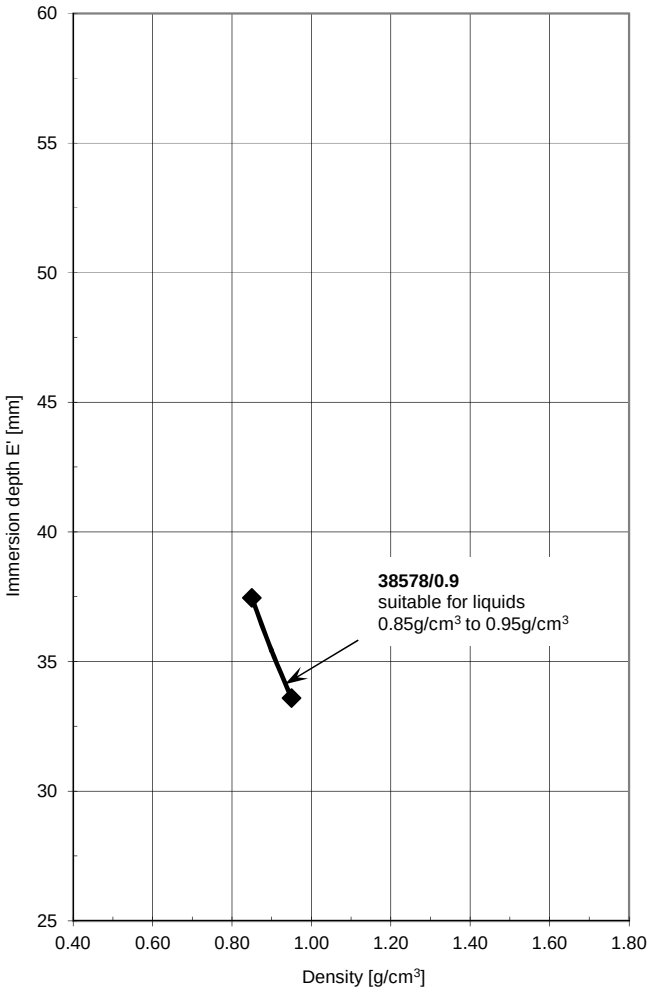
*1) The medium compatibility must be examined in each individual case!
*2) corresponds to max. operating and test pressure in bar
Not applicable for hazardous area in explosive environment (ATEX)!

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Economy & SmartLine: NBR-Floats Ø28,5x63.5 Type 38578/0.9



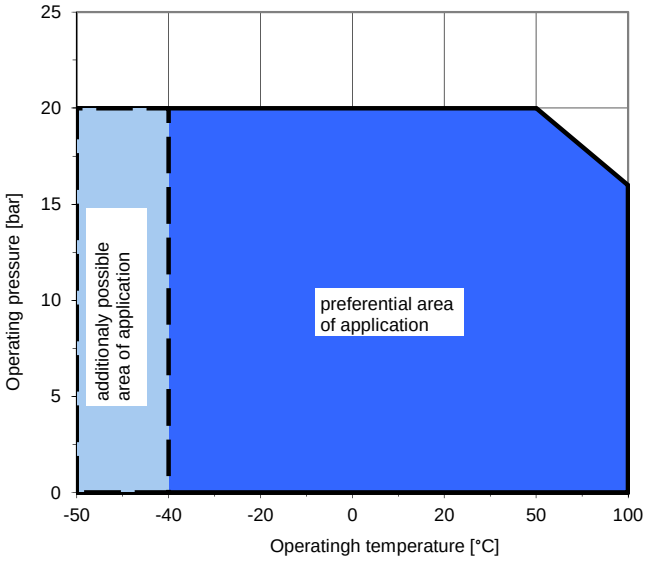


E = theoretical immersion depth
E' = effective immersion depth

Extract from suitable liquids *1)

Aviation gas
Butane, liquid
Propane, liquid
Diesel fuel
Ethylene benzene
Fuel oil
Hexane
Hydraulic oil
Jet fuel
Kerosene
Motor oil
Naphtha
Regular premium gasoline
Skelly solvents
Stoddard's solvents
some alcohols
Methanol, Ethanol
some alkaline salts
some neutral salts
Water (no drinking water)

Further liquids on request!



Technical details

Material	NBR (foamed)
max. operating pressure *2)	20 bar@20 °C
max. test pressure *2)	20 bar@20 °C
min. density	0.85 g/cm³
min./max. pipe ID	29.7/32 mm
theo. immersion depth E	35.4mm = for density 0.90g/cm³
eff. immersion depth E'	see diagram

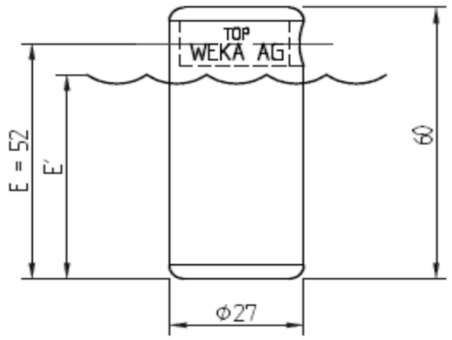
Commentary

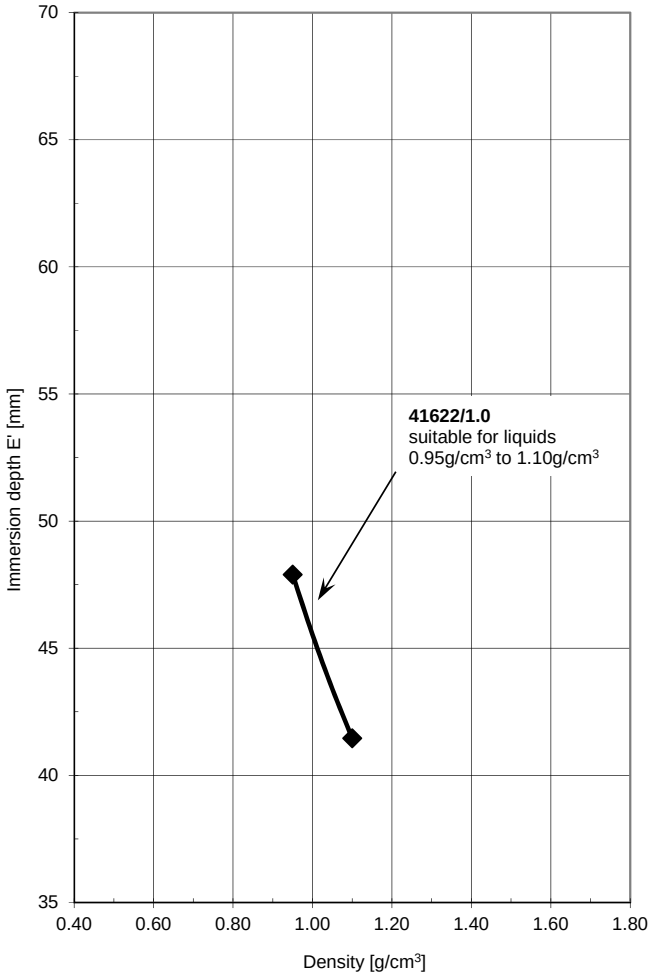
*1) The medium compatibility must be examined in each individual case!
*2) corresponds to max. operating and test pressure in bar
Not applicable for hazardous area in explosive environment (ATEX)!

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Economy & SmartLine: NBR-Floats Ø27x60 Type 41622/1.0



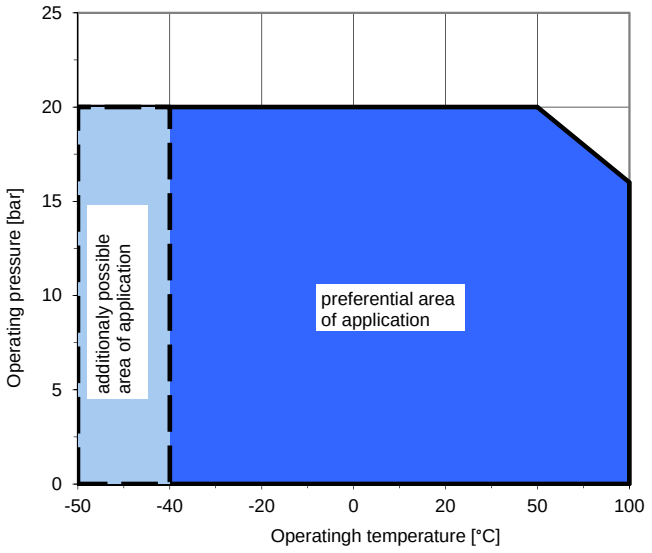


E = theoretical immersion depth
E' = effective immersion depth

Extract from suitable liquids *1)

Aviation gas
Butane, liquid
Propane, liquid
Diesel fuel
Ethylene benzene
Fuel oil
Hexane
Hydraulic oil
Jet fuel
Kerosene
Motor oil
Naphtha
Regular premium gasoline
Skelly solvents
Stoddard's solvents
some alcohols
Methanol, Ethanol
some alkaline salts
some neutral salts
Water (no drinking water)

Further liquids on request!



Technical details

Material	NBR (foamed)
max. operating pressure *2)	20 bar@20 °C
max. test pressure *2)	20 bar@20 °C
min. density	0.95 g/cm³
min./max. pipe ID	29.7/32 mm
theo. immersion depth E	45.5mm = for density 1.00g/cm³
eff. immersion depth E'	see diagram

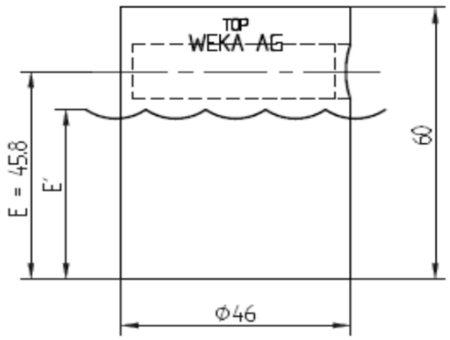
Commentary

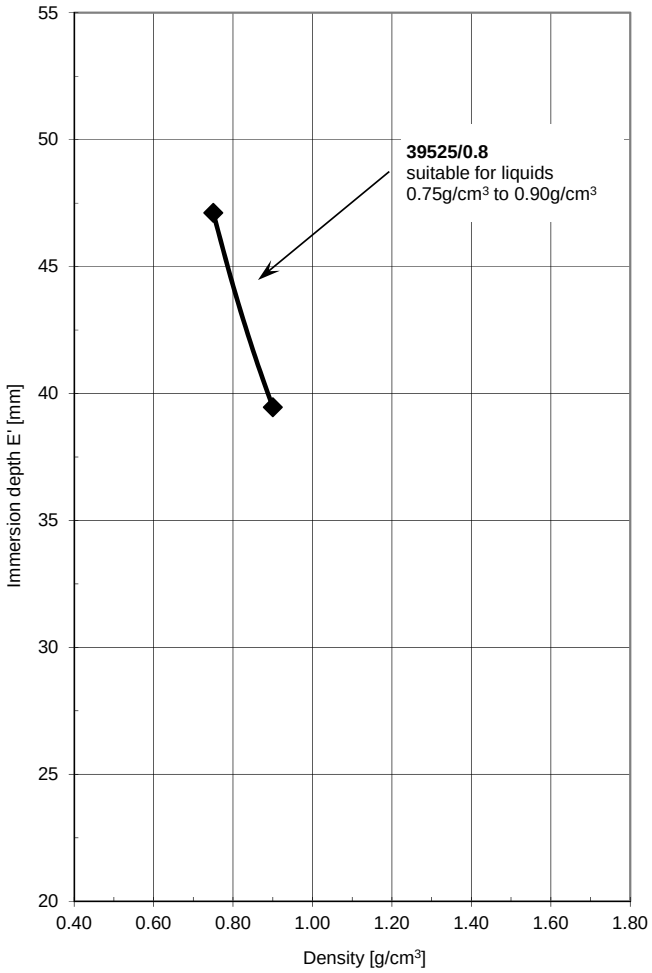
*1) The medium compatibility must be examined in each individual case!
*2) corresponds to max. operating and test pressure in bar
Not applicable for hazardous area in explosive environment (ATEX)!

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

EconomyLine & Standard 6: NBR-Floats Ø46x60 Type 39525/0.8



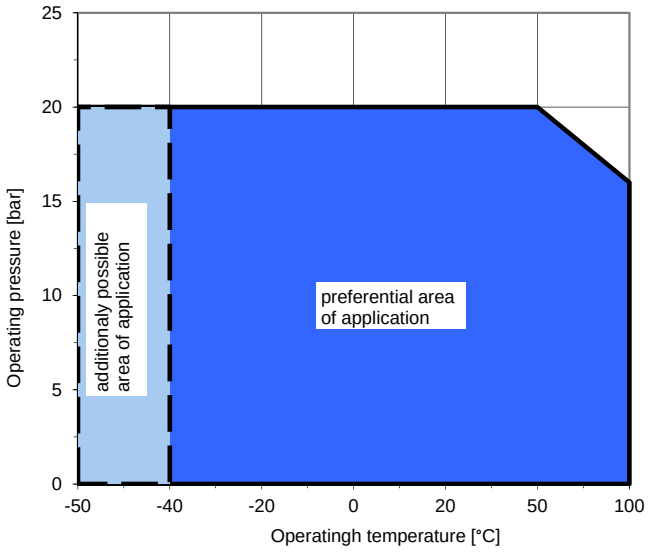


E = theoretical immersion depth
E' = effective immersion depth

Extract from suitable liquids *1)

Aviation gas
Butane, liquid
Propane, liquid
Diesel fuel
Ethylene benzene
Fuel oil
Hexane
Hydraulic oil
Jet fuel
Kerosene
Motor oil
Naphtha
Regular premium gasoline
Skelly solvents
Stoddard's solvents
some alcohols
Methanol, Ethanol
some alkaline salts
some neutral salts
Water (no drinking water)

Further liquids on request!



Technical details

Material	NBR (foamed)
max. operating pressure *2)	20 bar@20 °C
max. test pressure *2)	20 bar@20 °C
min. density	0.75 g/cm³
min./max. pipe ID	48/50 mm
theo. immersion depth E	44.3mm = for density 0.80g/cm³
eff. immersion depth E'	see diagram

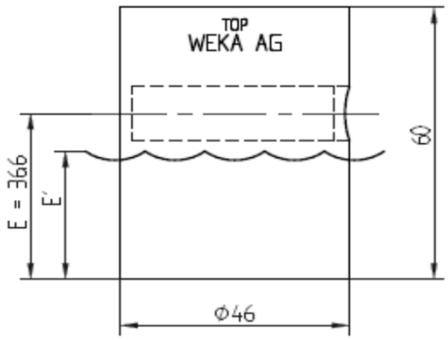
Commentary

*1) The medium compatibility must be examined in each individual case!
*2) corresponds to max. operating and test pressure in bar
Not applicable for hazardous area in explosive environment (ATEX)!

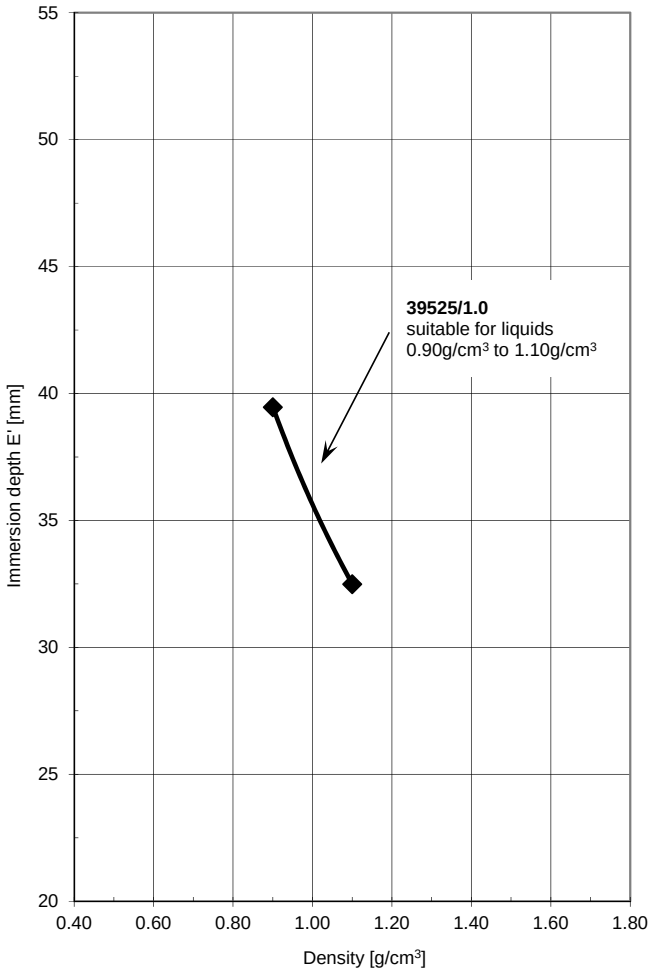
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

EconomyLine & Standard 6: NBR-Floats Ø46x60 Type 39525/1.0



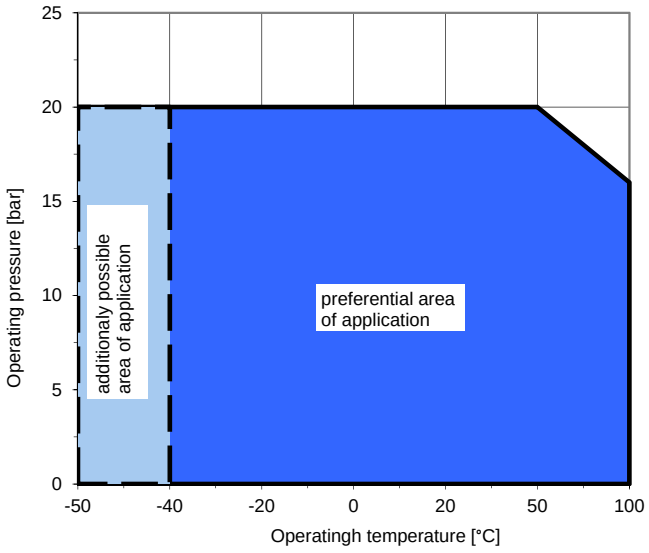
E = theoretical immersion depth
E' = effective immersion depth



Extract from suitable liquids *1)

Aviation gas
Butane, liquid
Propane, liquid
Diesel fuel
Ethylene benzene
Fuel oil
Hexane
Hydraulic oil
Jet fuel
Kerosene
Motor oil
Naphtha
Regular premium gasoline
Skelly solvents
Stoddard's solvents
some alcohols
Methanol, Ethanol
some alkaline salts
some neutral salts
Water (no drinking water)

Further liquids on request!



Technical details

Material	NBR (foamed)
max. operating pressure *2)	20 bar@20 °C
max. test pressure *2)	20 bar@20 °C
min. density	0.90 g/cm³
min./max. pipe ID	48/50 mm
theo. immersion depth E	35.6mm = for density 1.00g/cm³
eff. immersion depth E'	see diagram

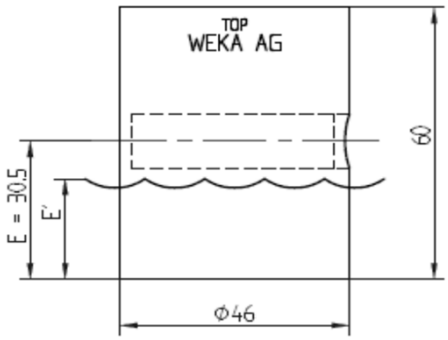
Commentary

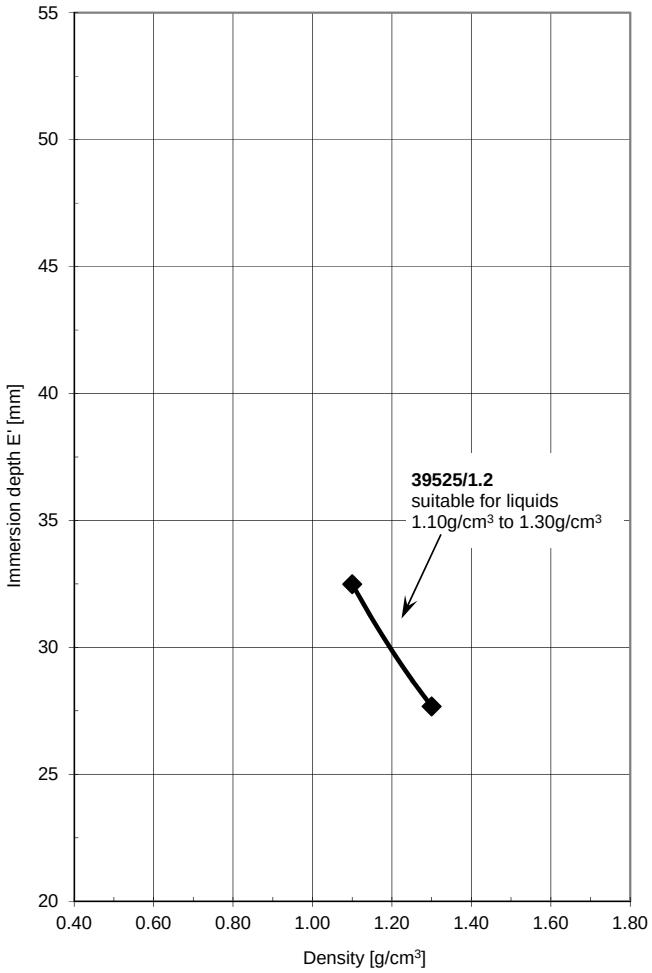
*1) The medium compatibility must be examined in each individual case!
*2) corresponds to max. operating and test pressure in bar
Not applicable for hazardous area in explosive environment (ATEX)!

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

EconomyLine & Standard 6: NBR-Floats Ø46x60 Type 39525/1.2



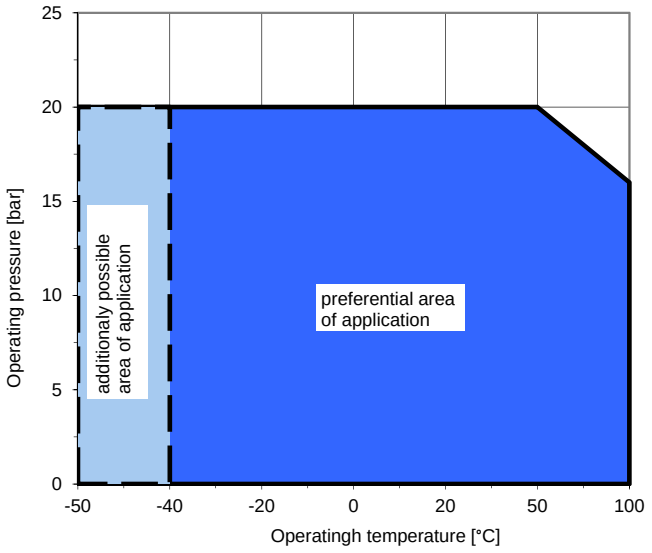


E = theoretical immersion depth
E' = effective immersion depth

Extract from suitable liquids *1)

Aviation gas
Butane, liquid
Propane, liquid
Diesel fuel
Ethylene benzene
Fuel oil
Hexane
Hydraulic oil
Jet fuel
Kerosene
Motor oil
Naphtha
Regular premium gasoline
Skelly solvents
Stoddard's solvents
some alcohols
Methanol, Ethanol
some alkaline salts
some neutral salts
Water (no drinking water)

Further liquids on request!



Technical details

Material	NBR (foamed)
max. operating pressure *2)	20 bar@20 °C
max. test pressure *2)	20 bar@20 °C
min. density	1.10 g/cm³
min./max. pipe ID	48/50 mm
theo. immersion depth E	29.9mm = for density 1.20g/cm³
eff. immersion depth E'	see diagram

Commentary

*1) The medium compatibility must be examined in each individual case!
*2) corresponds to max. operating and test pressure in bar
Not applicable for hazardous area in explosive environment (ATEX)!

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

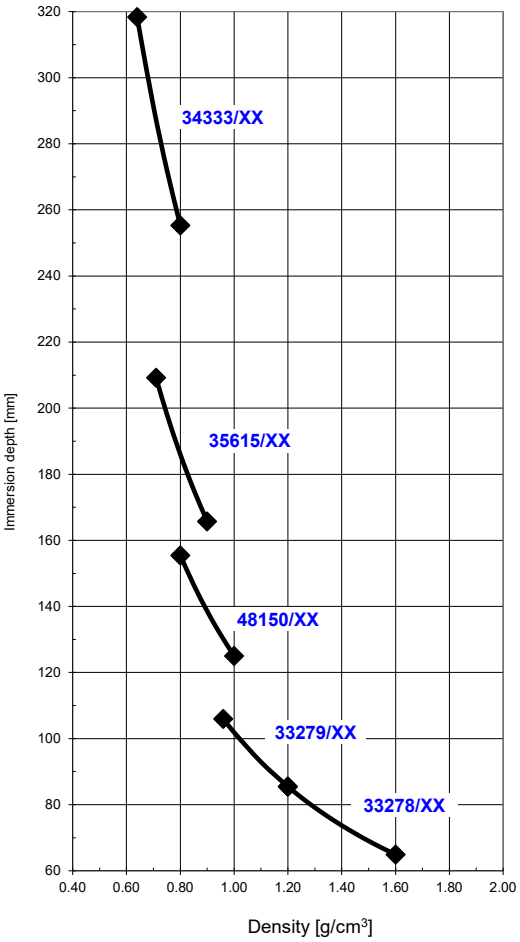
www.weka-ag.ch

Float data sheet overview: Smart Line

Page	Type	Material of float	max. operating pressure / test pressure	max. temperature range of liquid	min. density of liquid	Remarks

Float Ø26

B1	34333/XX	316L	5 bar@20ºC 15 bar@20ºC 30 bar@20ºC 40 bar@20ºC 60 bar@20ºC	-40°C…+250°C	0.64 g/cm³
B2	35615/XX	316L	5 bar@20ºC 15 bar@20ºC 30 bar@20ºC 40 bar@20ºC 60 bar@20ºC	-40°C…+250°C	0.71 g/cm³
B3	48150/XX	316L	5 bar@20ºC 30 bar@20ºC 40 bar@20ºC 60 bar@20ºC	-40°C…+250°C	0.80 g/cm³
B4	33279/XX	316L	5 bar@20ºC 30 bar@20ºC 40 bar@20ºC 60 bar@20ºC	-40°C…+250°C	0.96 g/cm³
B5	33278/XX	316L	5 bar@20ºC 30 bar@20ºC 40 bar@20ºC 60 bar@20ºC	-40°C…+250°C	1.20 g/cm³

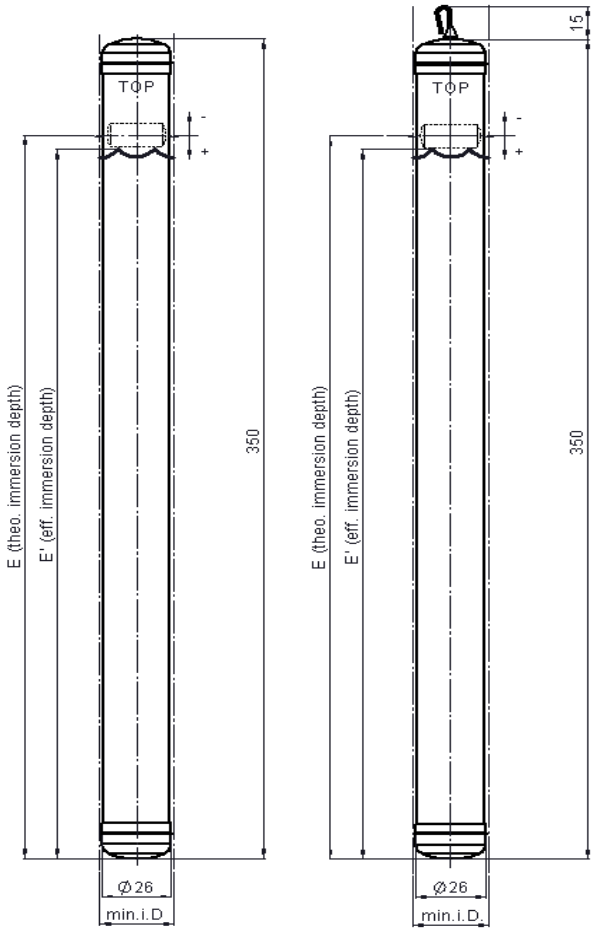


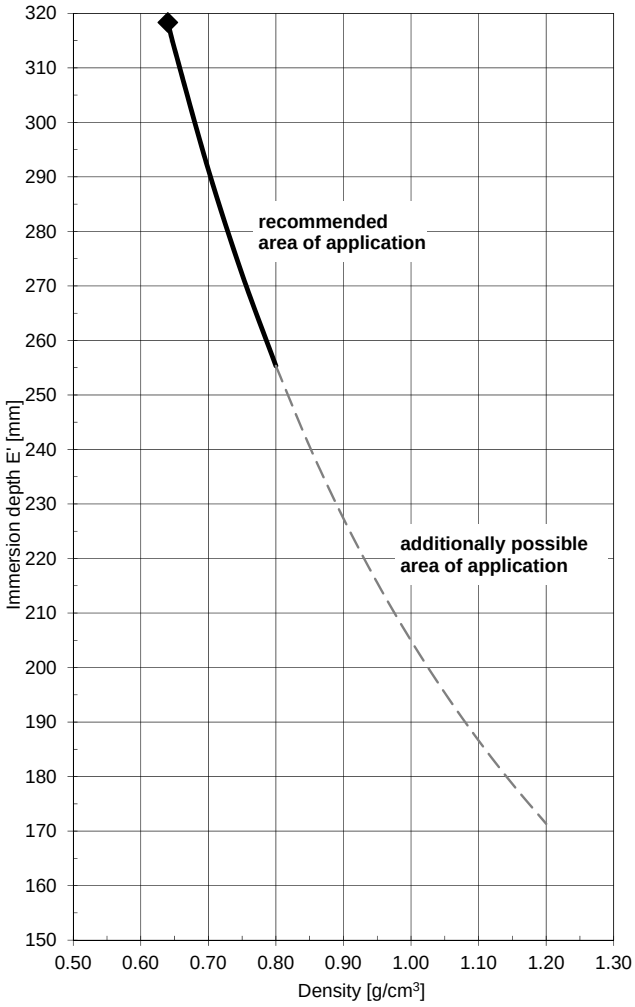
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Smart Line: float Ø26x350

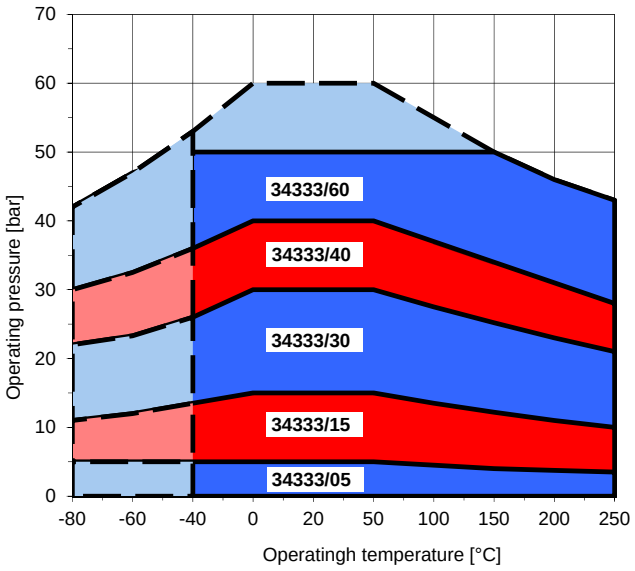
Type 34333/XX





order reference
34333/05 (< 5 bar@20 °C)

order reference *2)
34333/15 (Ò15 bar@20 °C) *1)
34333/30 (Ò30 bar@20 °C) *1)
34333/40 (Ò40 bar@20 °C) *1)
34333/60 (Ò60 bar@20 °C) *1)



technical details

material	316L
max. operating pressure *1)	5; 15; 30; 40; 60 bar@20°C
max. test pressure *1)	5; 15; 30; 40; 60 bar@20°C
min. density	0.64 g/cm³
pipe min. ID	28/32 mm
theo. immersion depth E	318.3 mm
eff. immersion depth E'	see diagram

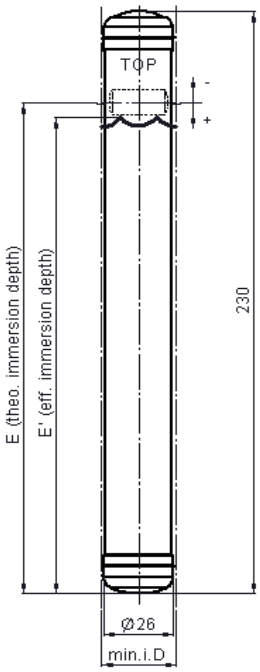
commentary
*1) corresponds max. operating/test pressure in bar
*2) 34333/**15; 30; 40** und **60** = preload pressure in bar

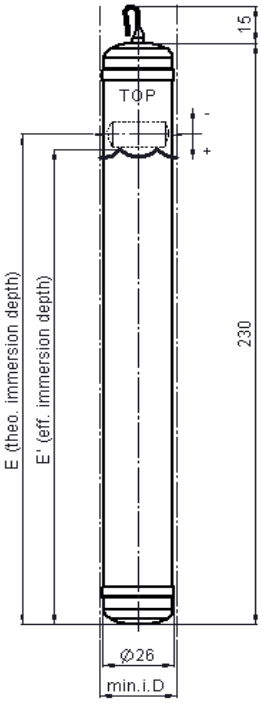
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

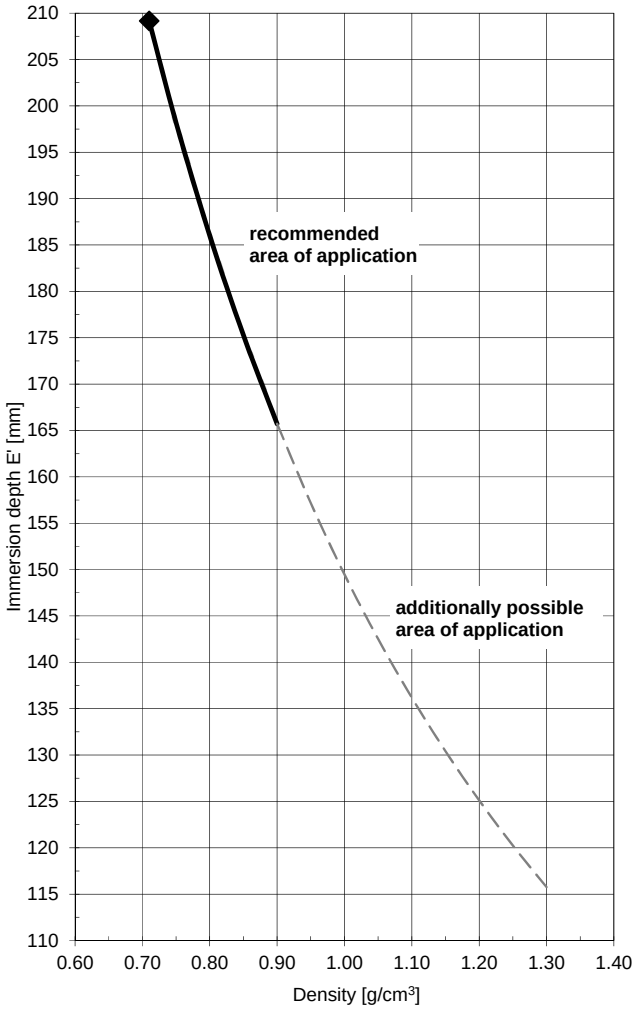
www.weka-ag.ch

Smart Line: float Ø26x230

Type 35615/XX

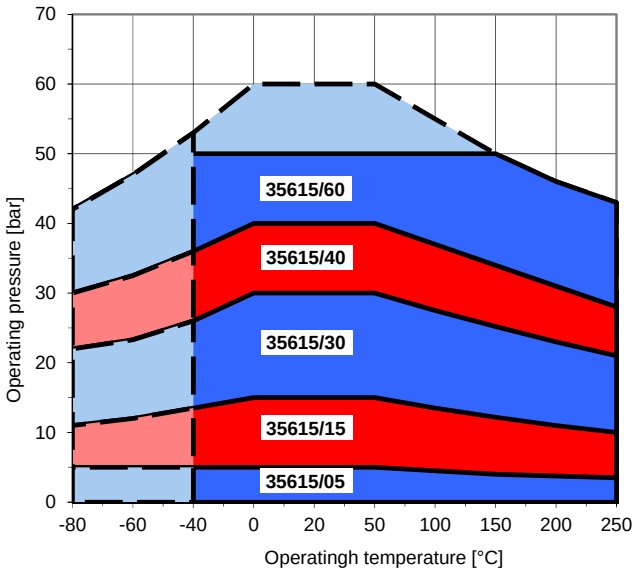






order reference
35615/05 (< 5 bar@20 °C)

order reference *2)
35615/15 (Ò15 bar@20 °C) *1)
35615/30 (Ò30 bar@20 °C) *1)
35615/40 (Ò40 bar@20 °C) *1)
35615/60 (Ò60 bar@20 °C) *1)



technical details

material	316L
max. operating pressure *1)	5; 15; 30; 40; 60 bar@20 °C
max. test pressure *1)	5; 15; 30; 40; 60 bar@20 °C
min. density	0.71 g/cm³
pipe min. ID	28/32 mm
theo. immersion depth E	205.0 mm
eff. immersion depth E'	see diagram

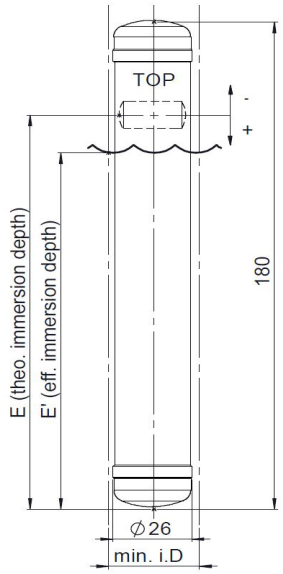
commentary
*1) corresponds max. operating/test pressure in bar
*2) 35615/**15; 30; 40** und **60** = preload pressure in bar

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

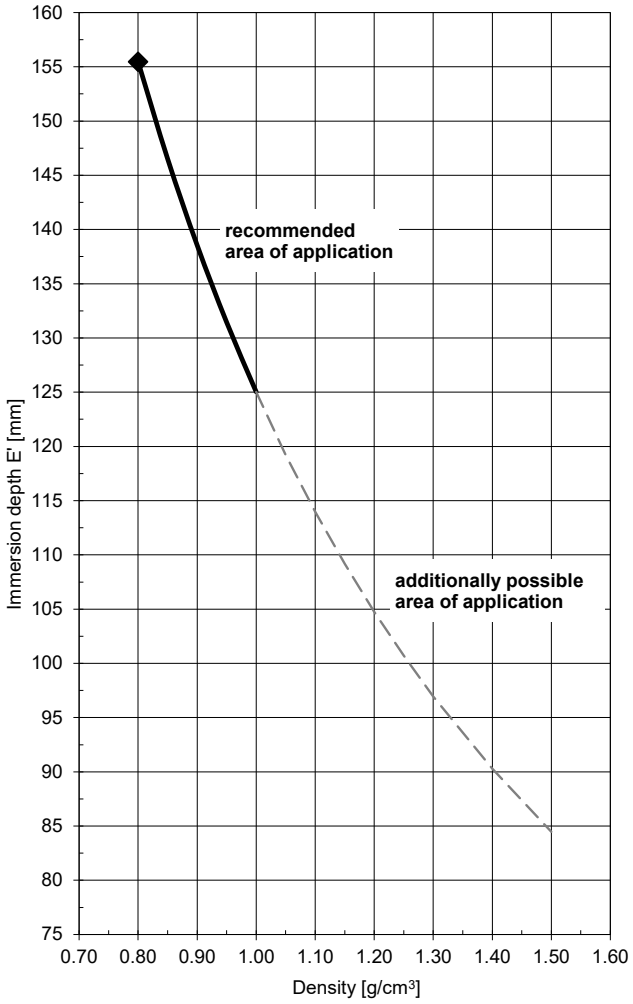
www.weka-ag.ch

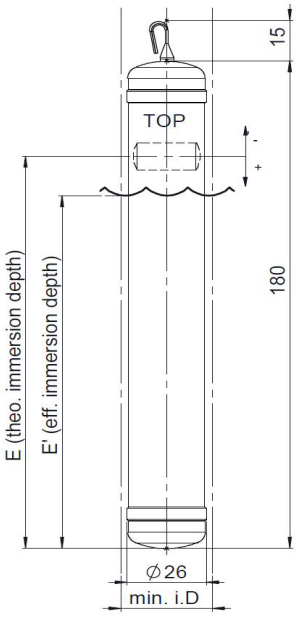
Smart Line: float Ø26x180

Type 48150/XX

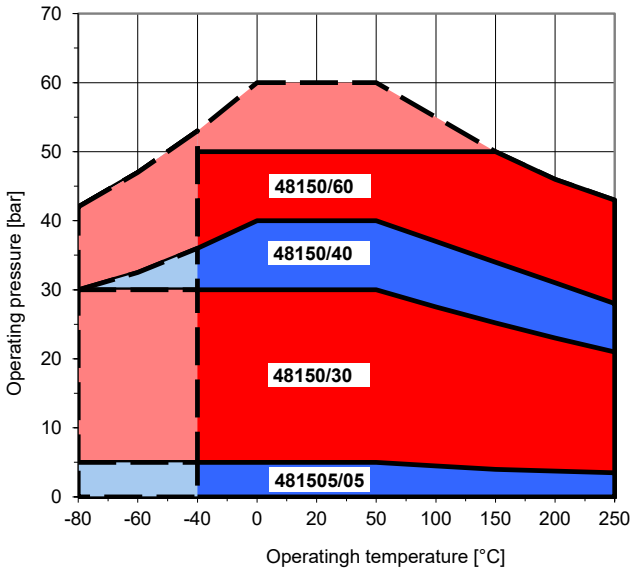


order reference
48150/05 (< 5 bar@20 °C)
48150/30 (≤ 30 bar@20 °C)





order reference *2)
48150/40 (≤ 40 bar@20 °C) *1)
48150/60 (≤ 60 bar@20 °C) *1)

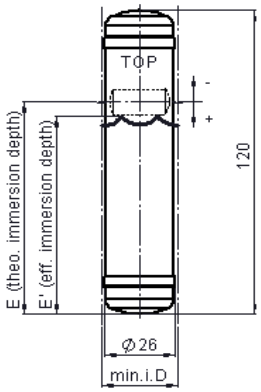


technical details

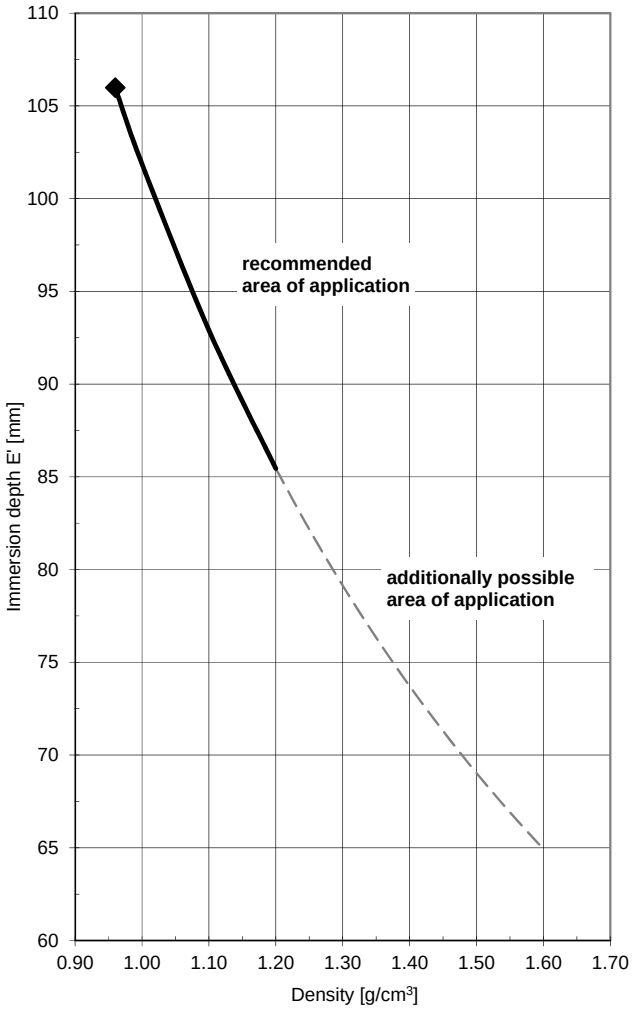
material	316L
max. operating pressure *1)	5; 30; 40; 60 bar@20 °C
max. test pressure *1)	5; 30; 40; 60 bar@20 °C
min. density	0.8 g/cm³
pipe min. ID	28/32 mm
theo. immersion depth E	155.5 mm
eff. immersion depth E'	see diagram

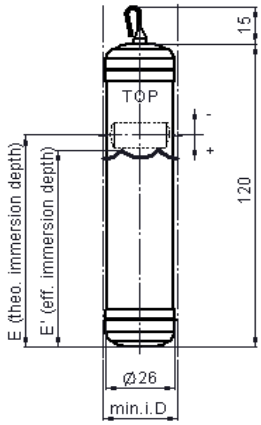
commentary
*1) corresponds max. operating/test pressure in bar
*2) 48150/40 und 60 = preload pressure in bar

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

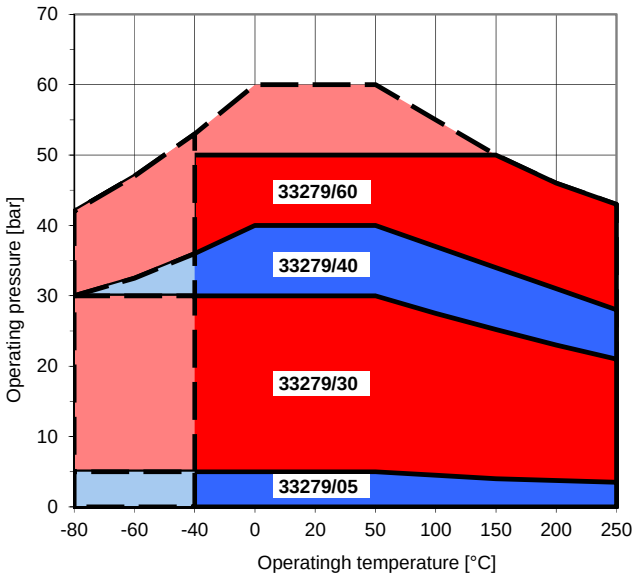


order reference
33279/05 (< 5 bar@20 °C)
33279/30 (Ò30 bar@20 °C)





order reference *2)
33279/40 (Ò40 bar@20 °C) *1)
33279/60 (Ò60 bar@20 °C) *1)



technical details

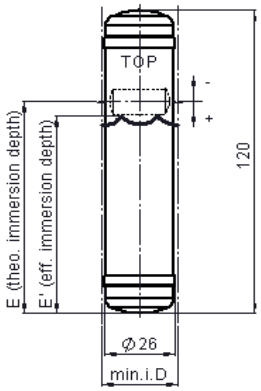
material	316L
max. operating pressure *1)	5; 30; 40; 60 bar@20 °C
max. test pressure *1)	5; 30; 40; 60 bar@20 °C
min. density	0.96 g/cm³
pipe min. ID	28/32 mm
theo. immersion depth E	99.9 mm
eff. immersion depth E'	see diagram

commentary
*1) corresponds max. operating/test pressure in bar
*2) 33279/**40** und **60** = preload pressure in bar

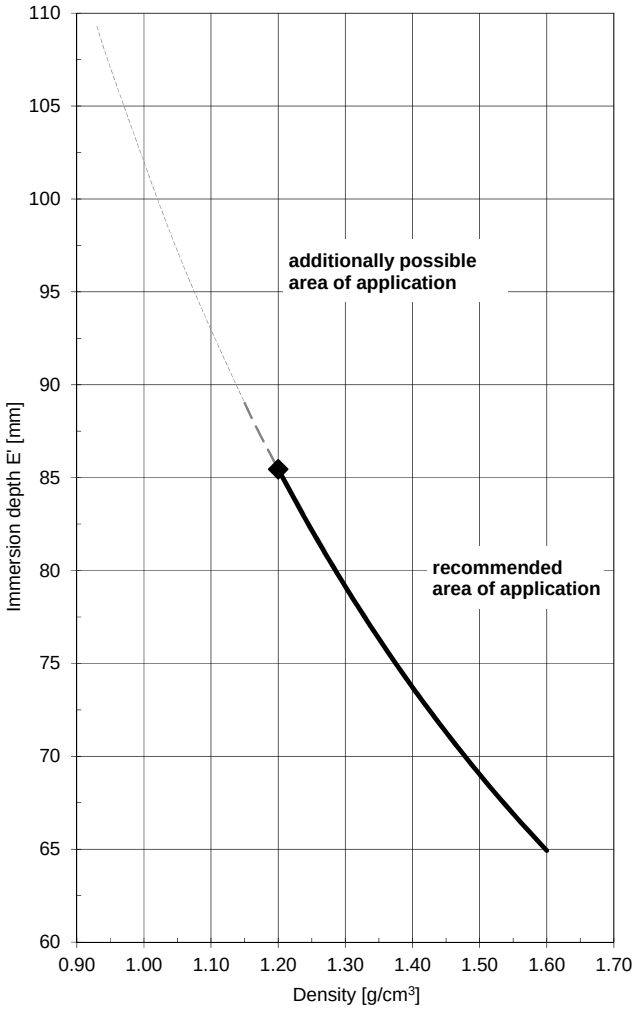
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

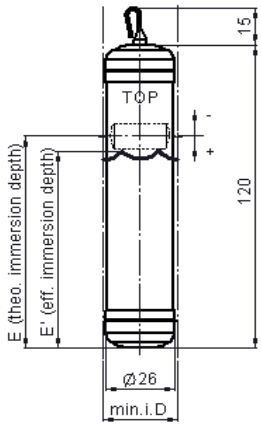
Smart Line: float Ø26x120

Type 33278/XX

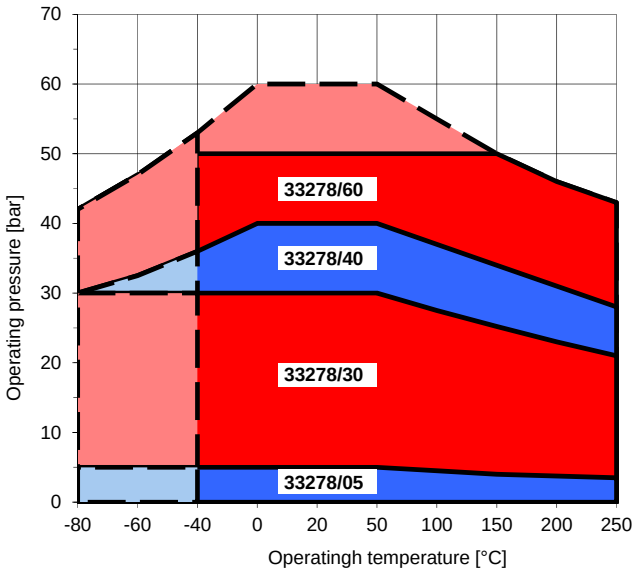


order reference
33278/05 (< 5 bar@20 °C)
33278/30 (Ò30 bar@20 °C)





order reference *2)
33278/40 (Ò 40 bar@20 °C) *1)
33278/60 (Ò 60 bar@20 °C) *1)



technical details

material	316L
max. operating pressure *1)	5; 30; 40; 60 bar@20 °C
max. test pressure *1)	5; 30; 40; 60 bar@20 °C
min. density	0.93 g/cm³
pipe min. ID	28/32 mm
theo. immersion depth E	83.8 mm
eff. immersion depth E'	see diagram

commentary
*1) corresponds max. operating/test pressure in bar
*2) 33278/**40** und **60** = preload pressure in bar

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

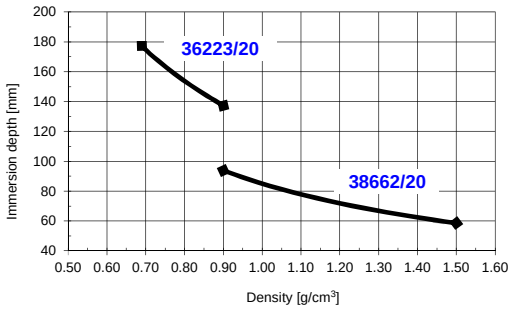
www.weka-ag.ch

Float data sheet overview: float (RS)

page	type	material of float	max. operating/ test pressure	max. temperature range of fluids	min. density of fluids	remarks

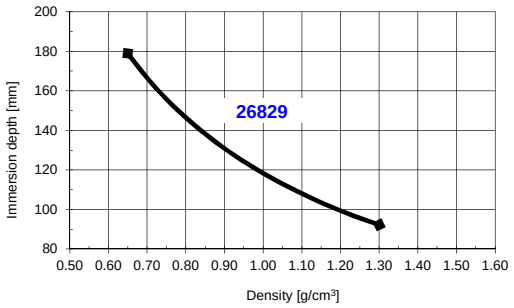
Float Ø42

C1	36223/20	316L	20bar@20ºC	-40°Cé +400°C	0.69g/cm³
C2	38662/20	316L	20bar@20ºC	-40°Cé +400°C	0.90g/cm³



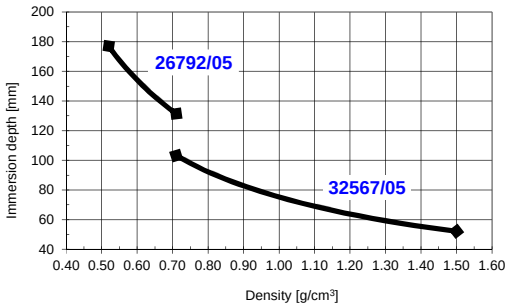
Float Ø42 with capillary tube

C3	26829	316L	belüftet	-40°Cé +400°C	0.65g/cm³



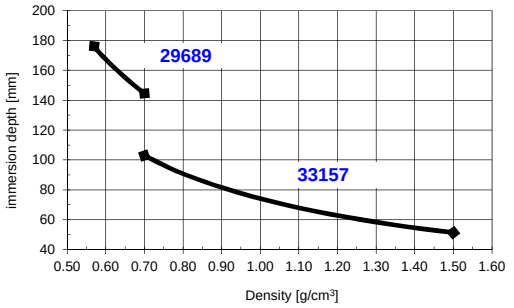
Float Ø47

C4	26792/05	316L	5bar@20ºC	-40°Cé +400°C	0.52g/cm³
C5	32567/05	316L	5bar@20ºC	-40°Cé +400°C	0.71g/cm³



Float Ø47 with capillary tube

C6	29689	316L	belüftet	-40°Cé +400°C	0.57g/cm³
C7	33157	316L	belüftet	-40°Cé +400°C	0.70g/cm³

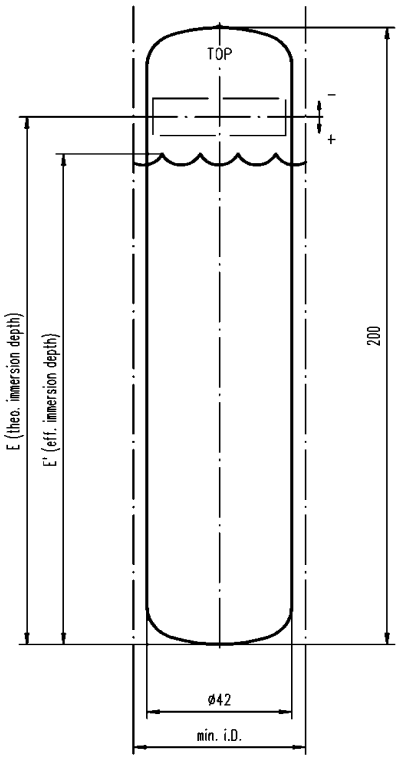


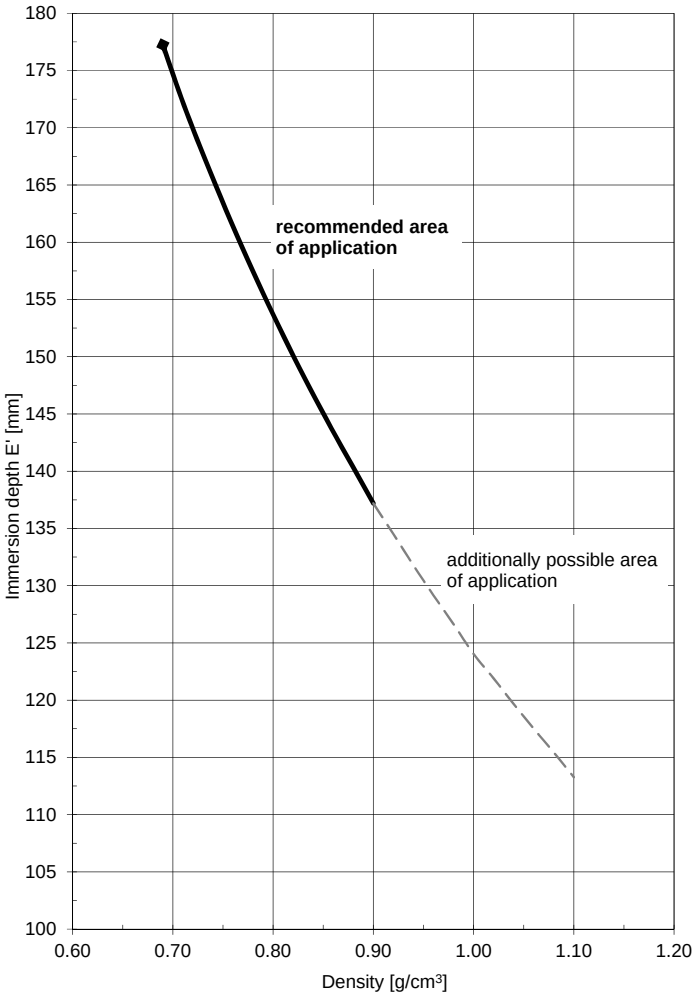
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Float Ø42x200

Type 36223/20

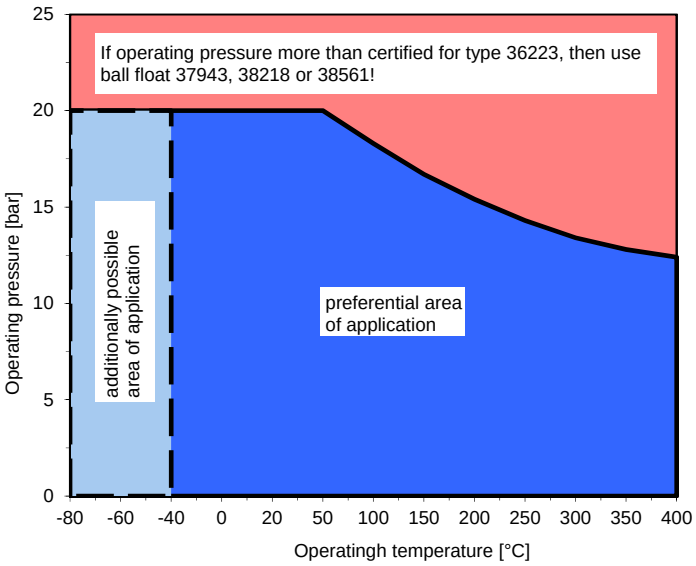




order reference
36223/20

technical details

material	316L
max. operating pressure *1)	20 bar@20 °C
max. test pressure *1)	20 bar@20 °C
min. density	0.69 g/cm³
pipe min. ID	48/50 mm
theo. immersion depth E	177.2mm =with density 0.69g/cm³
	174.8mm =with density 0.70g/cm³
	163.5mm =with density 0.75g/cm³
	153.6mm =with density 0.80g/cm³



eff. Eintauchtiefe E' siehe Diagramm

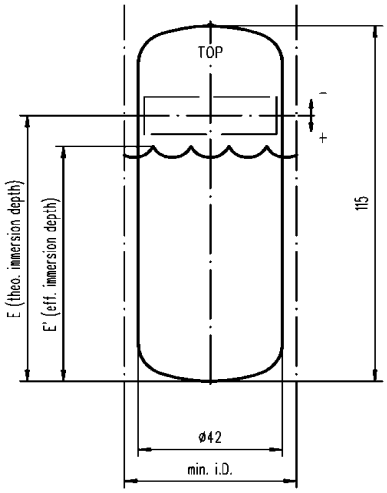
Erläuterungen
*1) entspricht max. Arbeits- und Prüfdruck in bar

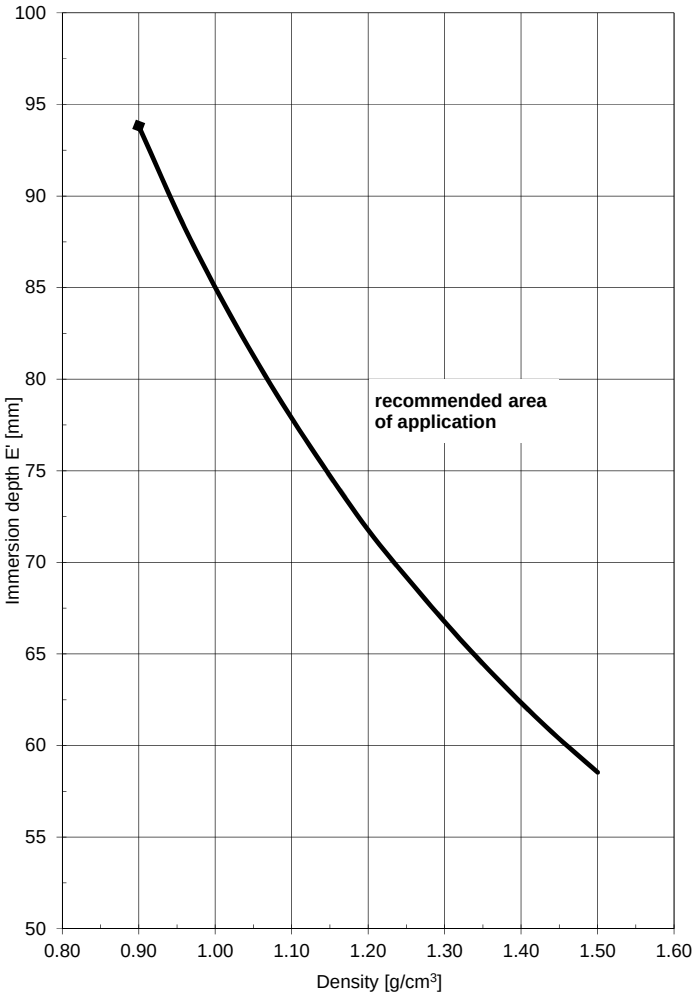
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

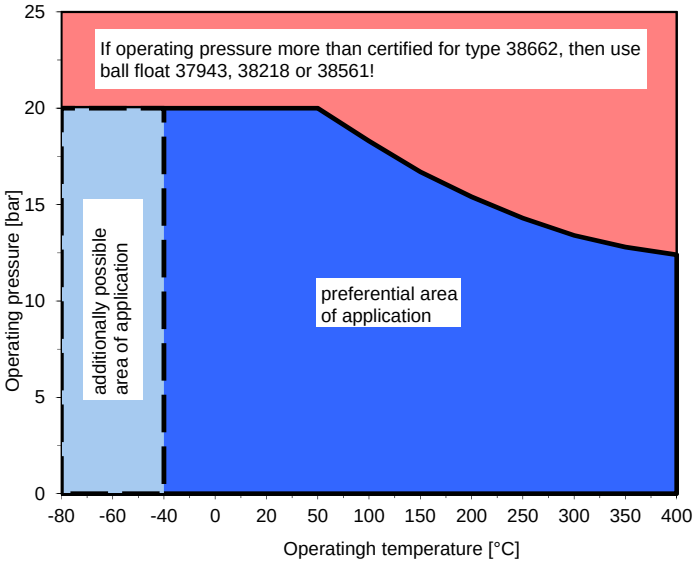
Float Ø42x115

Type 38662/20





order reference
38662/20



technical details

material	316L
max. operating pressure *1)	20 bar@20 °C
max. test pressure *1)	20 bar@20 °C
min. density	0.90 g/cm³
pipe min. ID	48/50 mm
theo. immersion depth E	93.8mm =with density 0.90g/cm³
	89.2mm =with density 0.95g/cm³
	85.0mm =with density 1.00g/cm³
	77.8mm =with density 1.10g/cm³
	71.8mm =with density 1.20g/cm³
	66.7mm =with density 1.30g/cm³
	62.3mm =with density 1.40g/cm³
	58.5mm =with density 1.50g/cm³

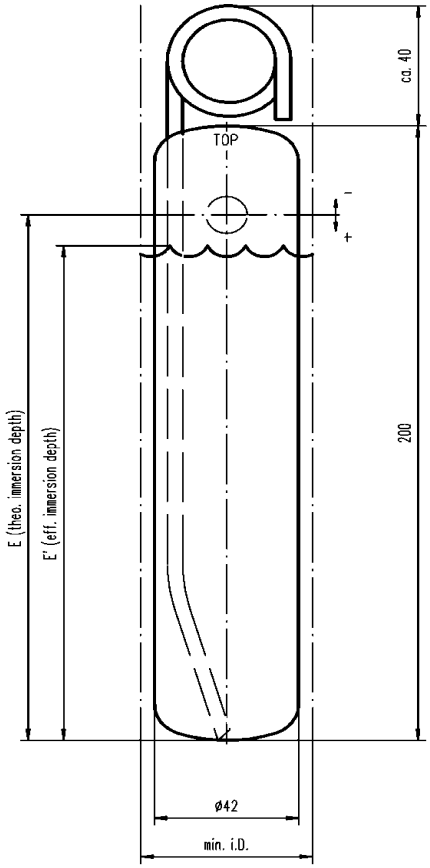
eff. immersion depth E'	see diagram

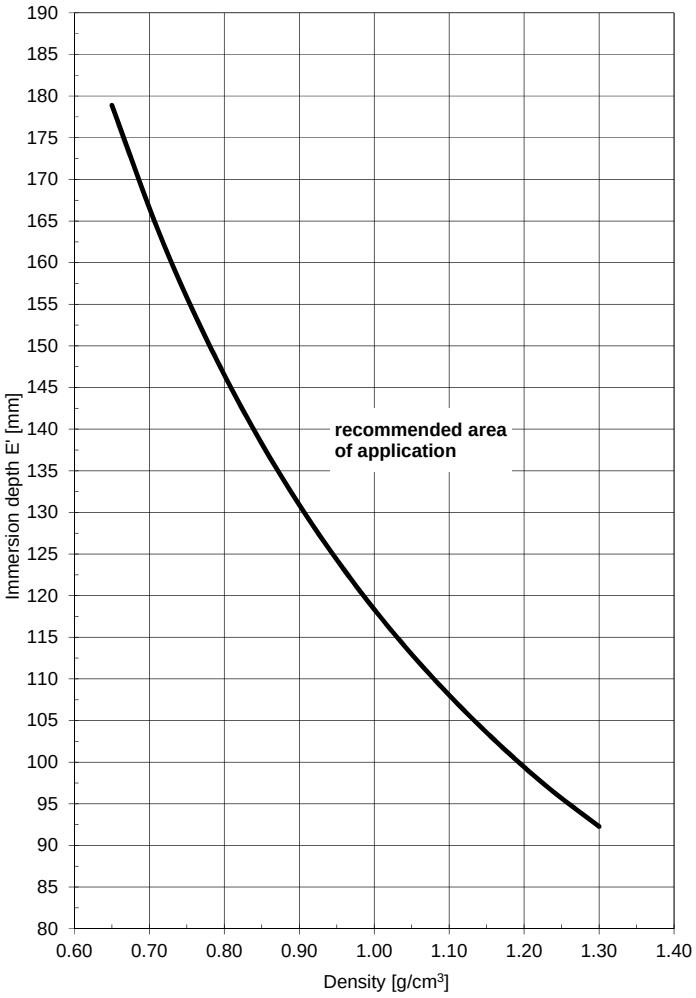
commentary
*1) corresponds max. operating/test pressure in bar

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Float Ø42x200 (capillary tube) Type 26829

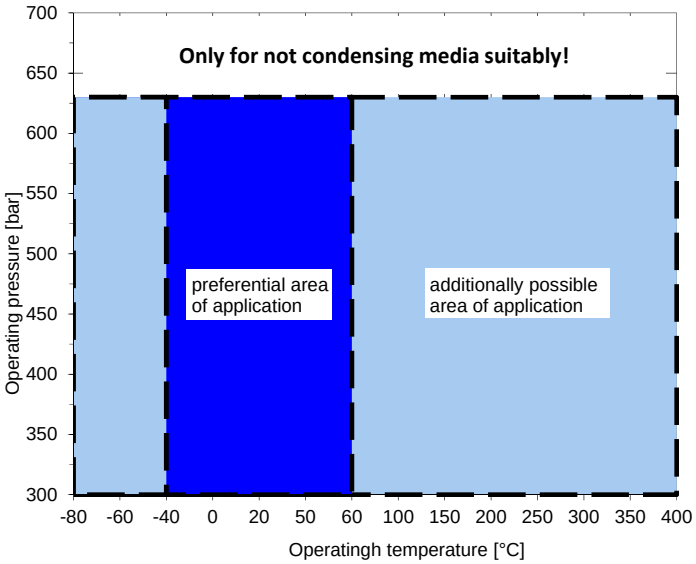




order reference
26829

technical details

material	316L
max. operating pressure *1)	entlüftet
max. test pressure *1)	entlüftet
min. density	0.65 g/cm³
pipe min. ID	48/50 mm
theo. immersion depth E	178.9mm =with density 0.65g/cm³
	166.5mm =with density 0.70g/cm³
	155.8mm =with density 0.75g/cm³
	146.4mm =with density 0.80g/cm³
	138.1mm =with density 0.85g/cm³
	130.8mm =with density 0.90g/cm³
	124.2mm =with density 0.95g/cm³
	118.3mm =with density 1.00g/cm³
	108.0mm =with density 1.10g/cm³
	99.5mm =with density 1.20g/cm³
	92.3mm =with density 1.30g/cm³



The operating- and test pressure don't have influence on the permissible area of application of the float!

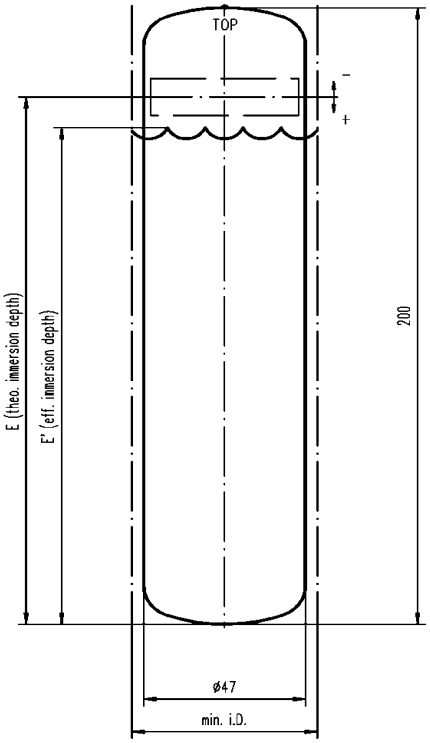
eff. immersion depth E' see diagram

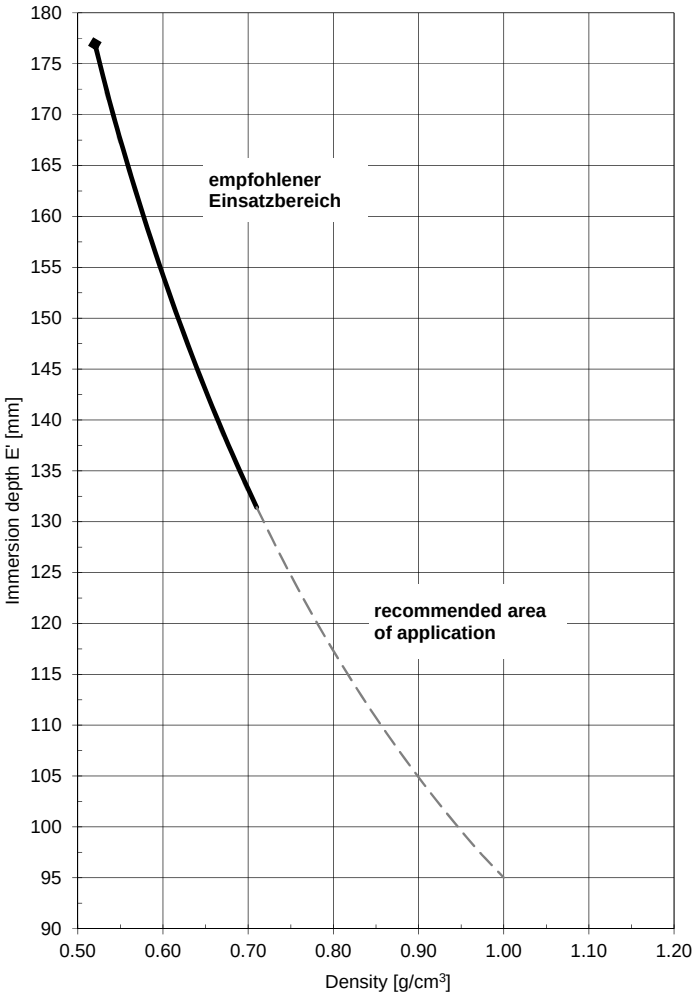
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Float Ø47x200

Type 26792/05

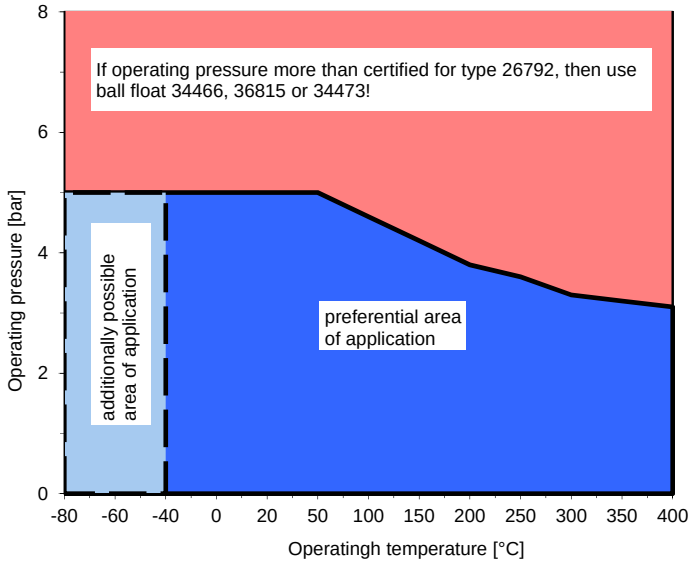




order reference
26792/05

technical details

material	316L
max. operating pressure *1)	5 bar@20 °C
max. test pressure *1)	5 bar@20 °C
min. density	0.52 g/cm³
pipe min. ID	50/54 mm
theo. immersion depth E	176.9mm =with density 0.52g/cm³
	167.6mm =with density 0.55g/cm³
	154.2mm =with density 0.60g/cm³
	142.8mm =with density 0.65g/cm³
	133.1mm =with density 0.70g/cm³



eff. immersion depth E' see diagram

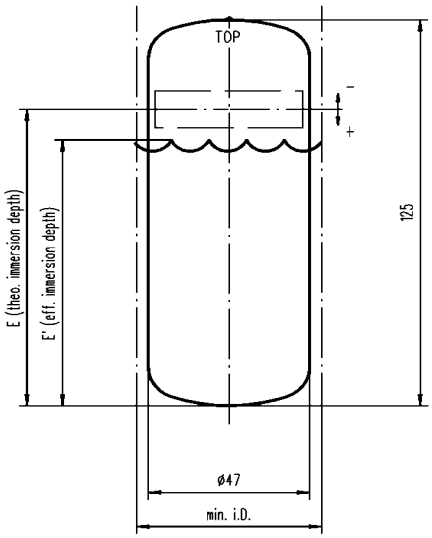
commentary
*1) corresponds max. operating/test pressure in bar

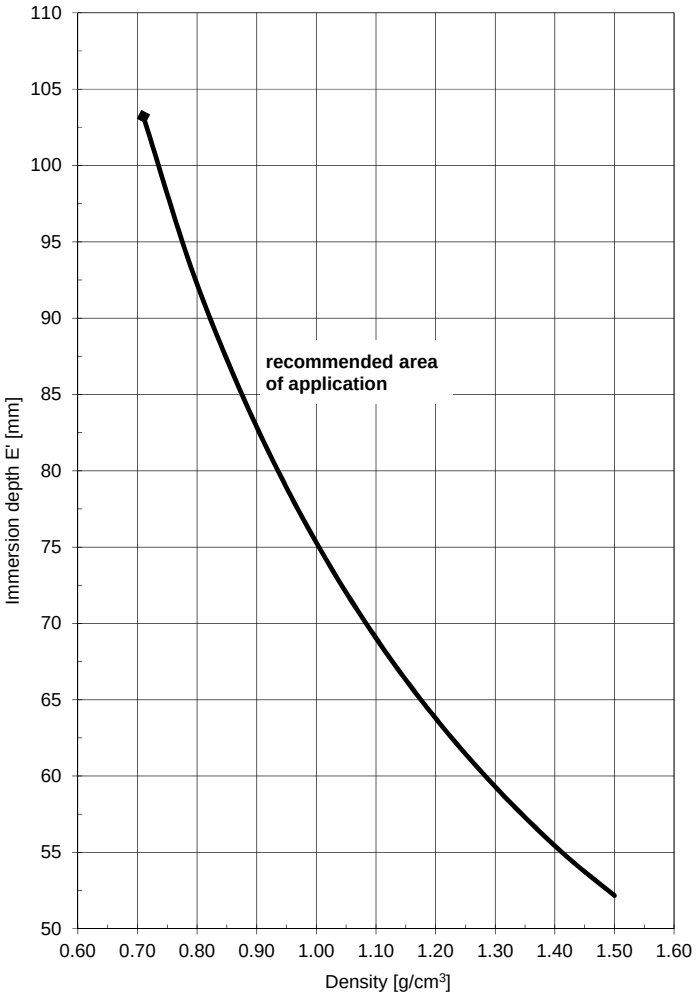
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Float Ø47x125

Type 32567/05

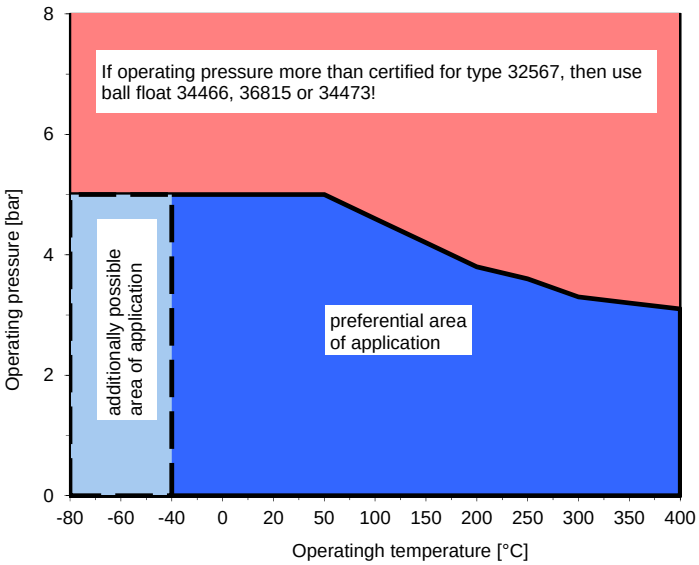




order reference
32567/05

technical details

material	316L
max. operating pressure *1)	5 bar@20 °C
max. test pressure *1)	5 bar@20 °C
min. density	0.71 g/cm³
pipe min. ID	50/54 mm
theo. immersion depth E	103.2mm =with density 0.71g/cm³
	98.0mm =with density 0.75g/cm³
	92.3mm =with density 0.80g/cm³
	87.3mm =with density 0.85g/cm³
	82.8mm =with density 0.90g/cm³
	78.7mm =with density 0.95g/cm³
	75.1mm =with density 1.00g/cm³
	68.9mm =with density 1.10g/cm³
	63.6mm =with density 1.20g/cm³
	59.2mm =with density 1.30g/cm³
	55.5mm =with density 1.40g/cm³
	52.2mm =with density 1.50g/cm³



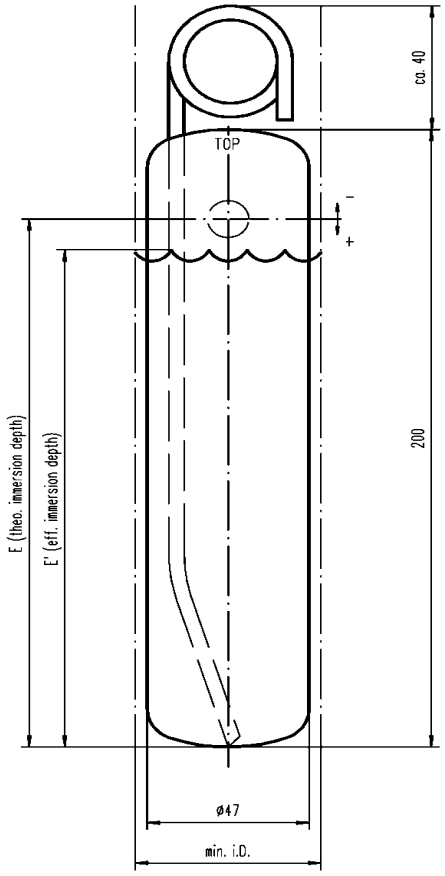
eff. immersion depth E'	see diagram

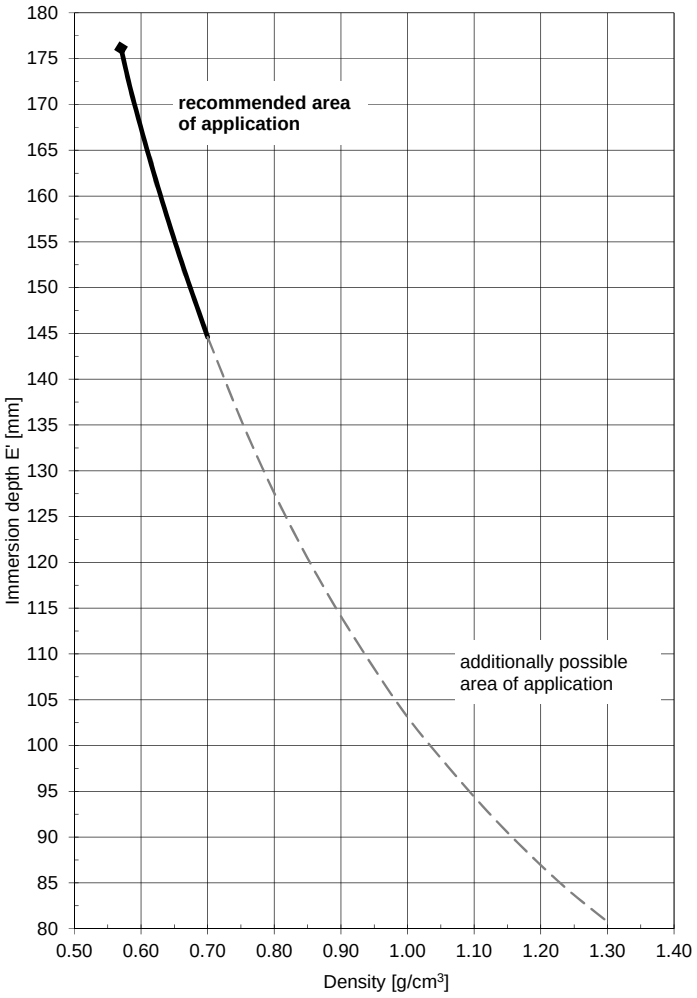
commentary
*1) corresponds max. operating/test pressure in bar

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Float Ø47x200 (capillary tube) Type 29689

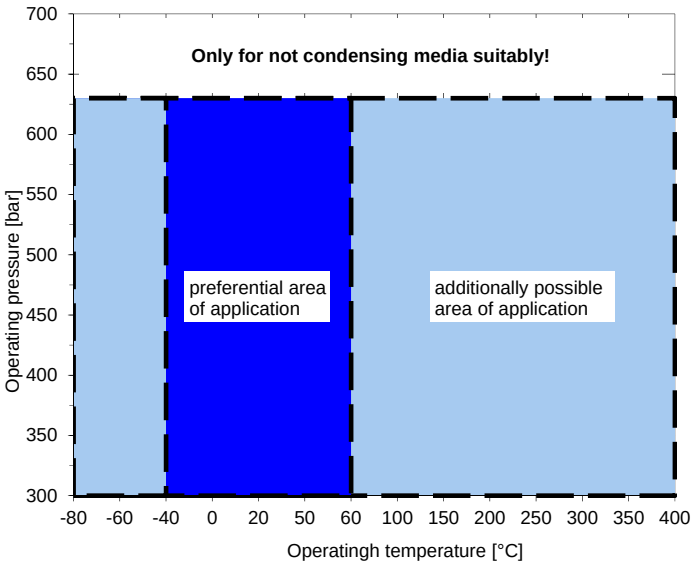




order reference
'29689

technical details

material	316L	
max. operating pressure *1)	entlüftet	
max. test pressure *1)	entlüftet	
min. density	0.57 g/cm³	
pipe min. ID	50/54 mm	
theo. immersion depth E	176.1mm	=with density 0.57g/cm³
	167.6mm	=with density 0.60g/cm³
	155.2mm	=with density 0.65g/cm³
	144.6mm	=with density 0.70g/cm³



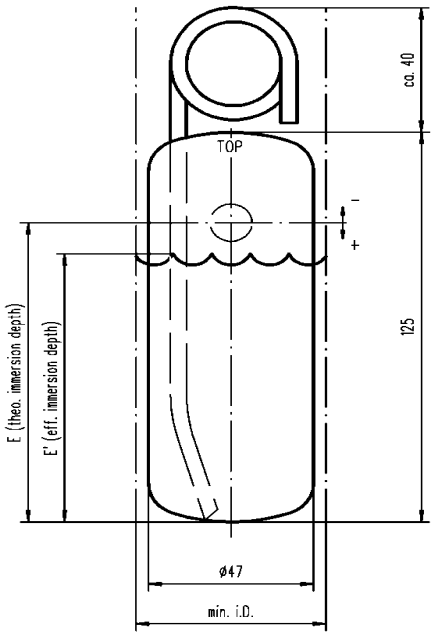
The operating- and test pressure don't have influence on the permissible area of application of the float!

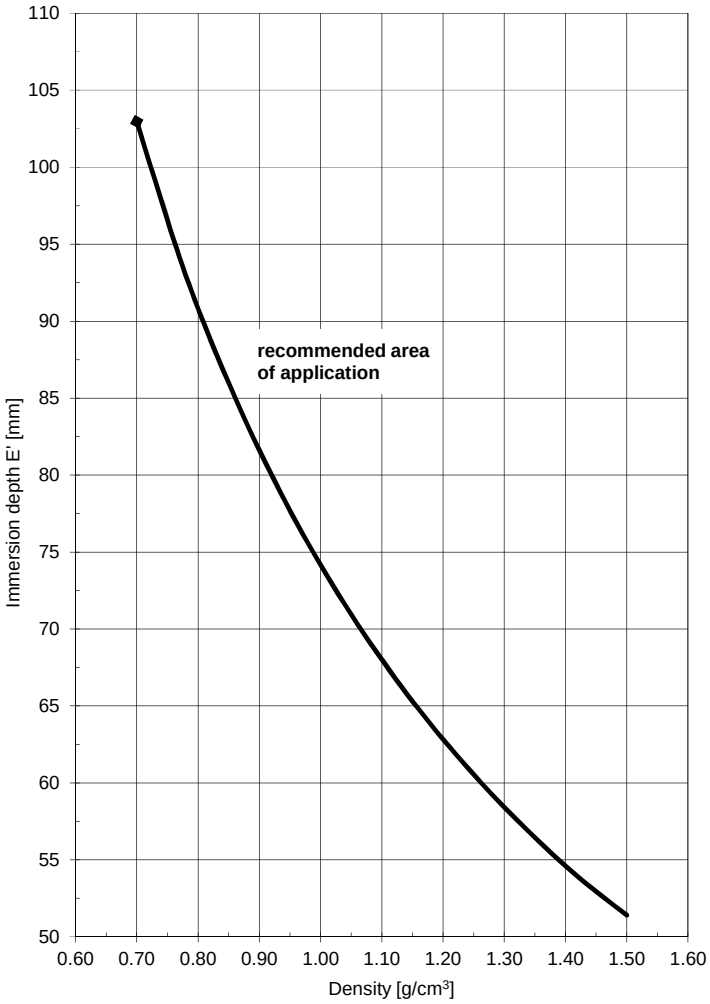
eff. immersion depth E' see diagram

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Float Ø47x125 (capillary tube) Type 33157

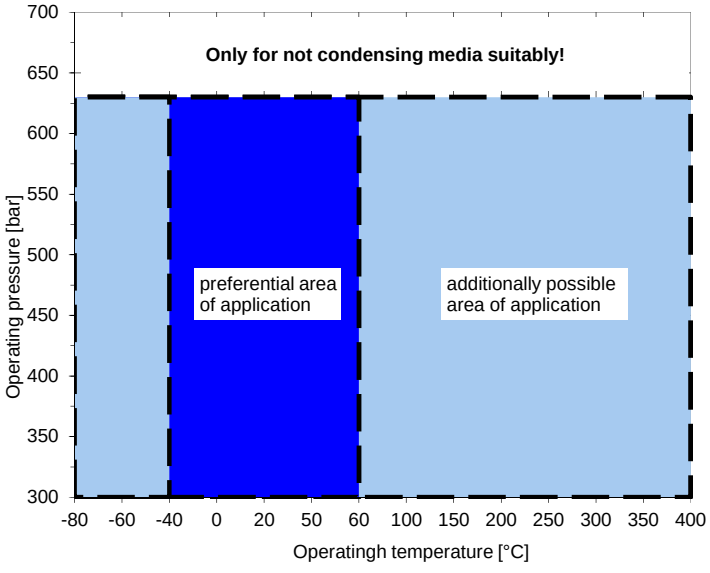




order reference
33157

technical details

material	316L
max. operating pressure *1)	entlüftet
max. test pressure *1)	entlüftet
min. density	0.70 g/cm³
pipe min. ID	50/54 mm
theo. immersion depth E	103.0mm =with density 0.70g/cm³
	96.5mm =with density 0.75g/cm³
	90.9mm =with density 0.80g/cm³
	86.0mm =with density 0.85g/cm³
	81.5mm =with density 0.90g/cm³
	77.7mm =with density 0.95g/cm³
	74.0mm =with density 1.00g/cm³
	67.8mm =with density 1.10g/cm³
	62.7mm =with density 1.20g/cm³
	58.3mm =with density 1.30g/cm³
	54.6mm =with density 1.40g/cm³
	51.4mm =with density 1.50g/cm³



The operating- and test pressure don't have influence on the permissible area of application of the float!

eff. immersion depth E' see diagram

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

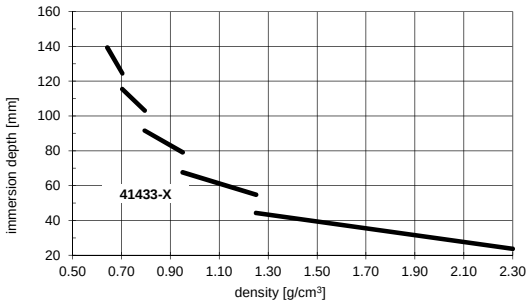
www.weka-ag.ch

Float data sheet overview: ball float (KS)

page	type	material of float	max. operating/test pressure	max. temperature range of fluids	min. density of fluids	remarks

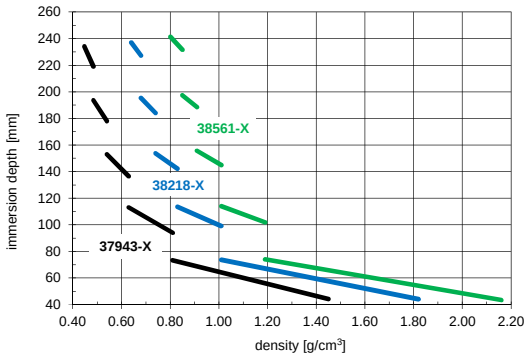
Ball float Ø28

D1	41433-X	Titan Alloy	80bar@20ºC	-40°Cé +400°C	0.64g/cm³



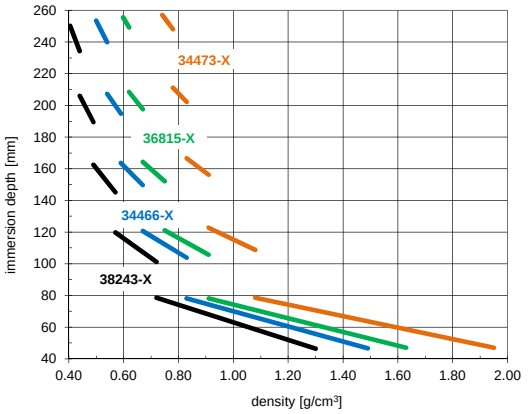
Ball float Ø45

D2	37943-X	Titan Alloy	80bar@20ºC	-40°Cé +400°C	0.45g/cm³
D3	38218-X	Titan Alloy	140bar@20ºC	-40°Cé +400°C	0.64g/cm³
D4	38561-X	Titan Alloy	230bar@20ºC	-40°Cé +400°C	0.80g/cm³



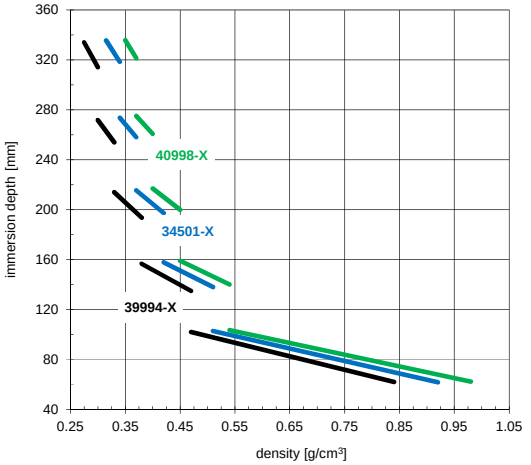
Ball float Ø48

D5	38243-X	Titan Alloy	80bar@20ºC	-40°Cé +400°C	0.41g/cm³
D6	34466-X	Titan Alloy	140bar@20ºC	-40°Cé +400°C	0.50g/cm³
D7	36815-X	Titan Alloy	250bar@20ºC	-40°Cé +400°C	0.60g/cm³
D8	34473-X	Titan Alloy	350bar@20ºC	-40°Cé +400°C	0.74g/cm³



Ball float Ø62

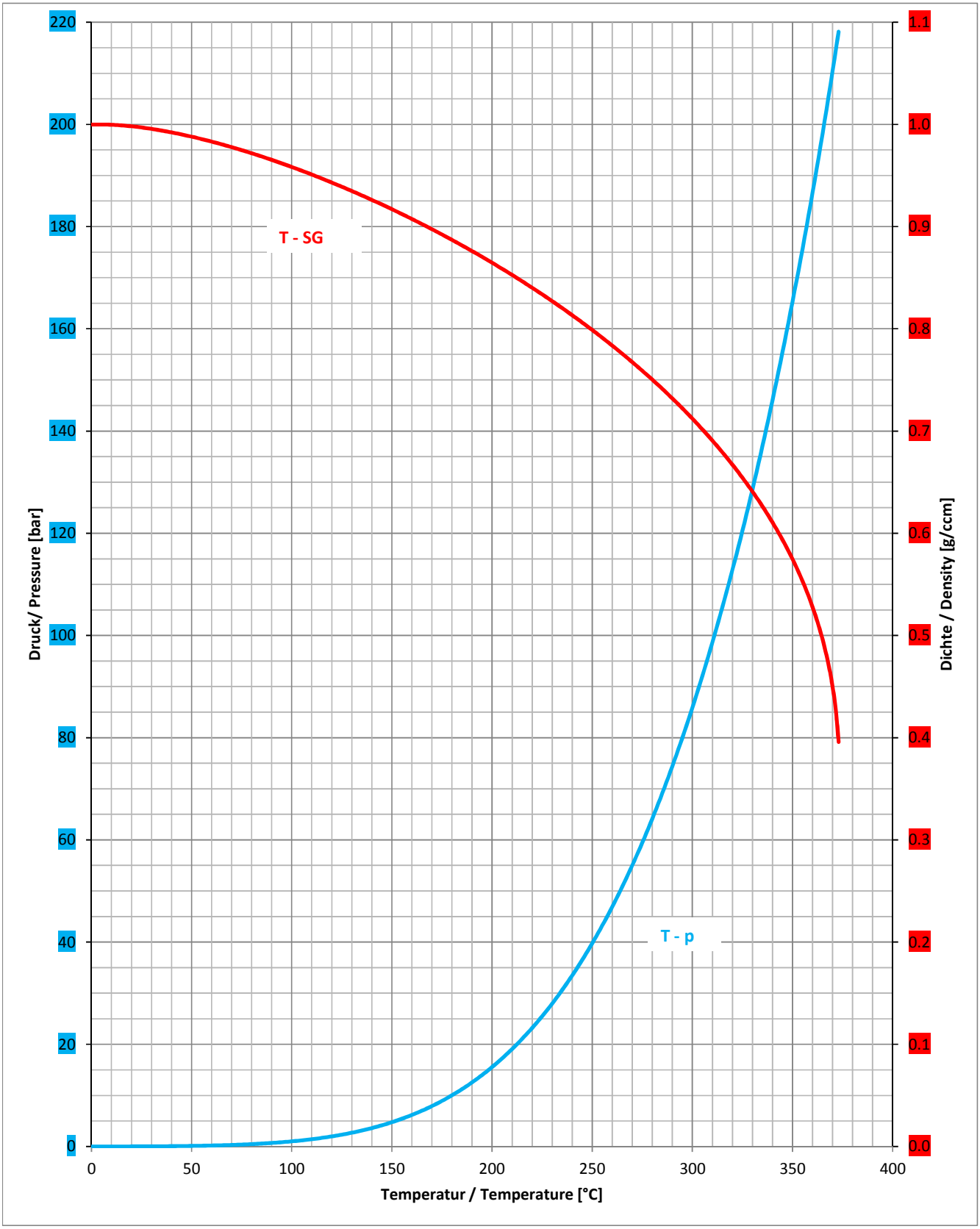
D9	39994-X	Titan Alloy	30bar@20ºC	-40°Cé +400°C	0.28g/cm³
D10	34501-X	Titan Alloy	40bar@20ºC	-40°Cé +400°C	0.32g/cm³
D11	40998-X	Titan Alloy	60bar@20ºC	-40°Cé +400°C	0.35g/cm³



WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

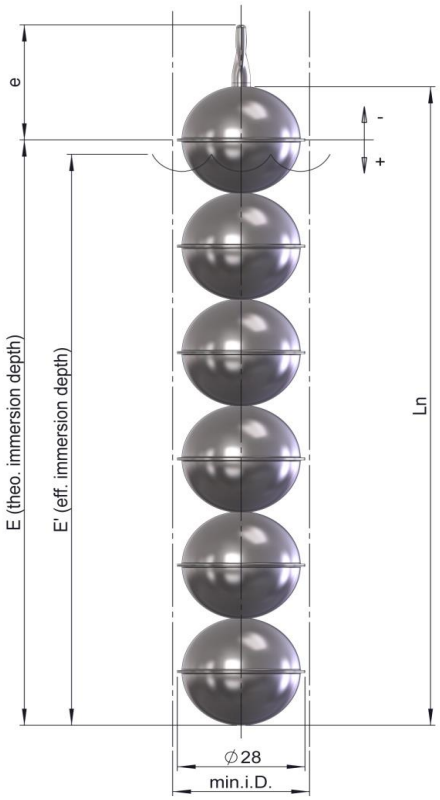
Gesättigter Wasserdampf / Saturated Steam

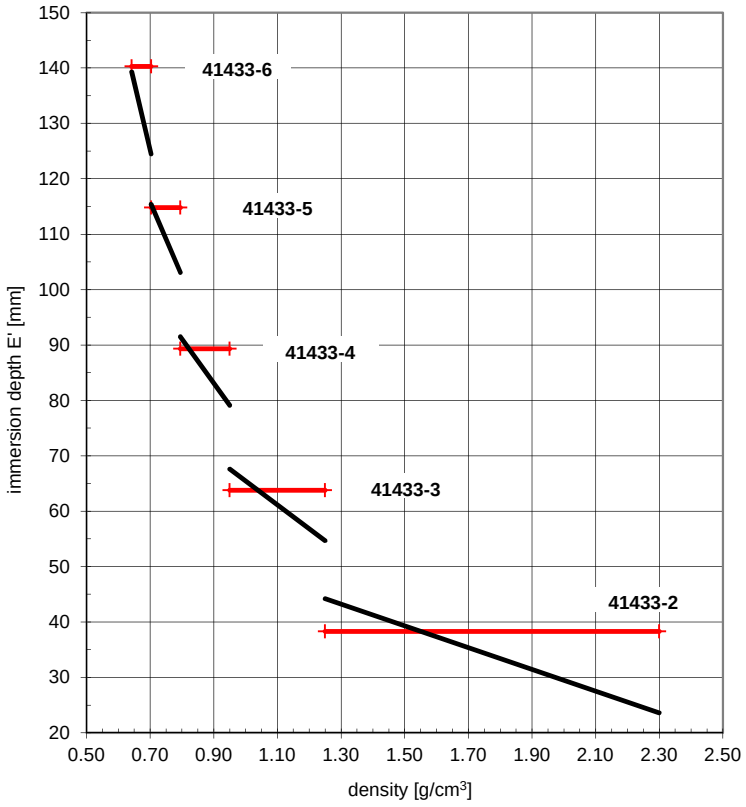


WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

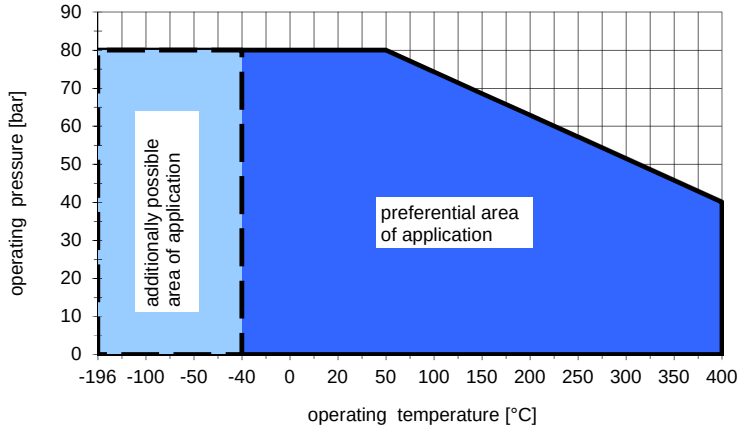
www.weka-ag.ch

Ball float Ø28x0,3 type 41433-X





41433-2 *3)		
density	2.30 > ¦ Ó1.25	g/cm³
pipe min./max. ID *2)	29 / 32	mm
theo. immersion depth E	38.3	mm
theo. exposed part of float e	28.0	mm
eff. immersion depth E' *1)	23.6 / 44.2	mm
level deviation *1)	14.7 / -5.9	mm
41433-3 *3)		
density	1.25 > ¦ Ó0.95	g/cm³
pipe min./max. ID *2)	29 / 32	mm
theo. immersion depth E	63.8	mm
theo. exposed part of float e	28.0	mm
eff. immersion depth E' *1)	54.7 / 67.6	mm
level deviation *1)	9.1 / -3.8	mm
41433-4 *3)		
density	0.95 > ¦ Ó0.795	g/cm³
pipe min./max. ID *2)	29 / 32	mm
theo. immersion depth E	89.3	mm
theo. exposed part of float e	28.0	mm
eff. immersion depth E' *1)	79.1 / 91.5	mm
level deviation *1)	10.2 / -2.2	mm
41433-5 *3)		
density	0.795 > ¦ Ó0.703	g/cm³
pipe min./max. ID *2)	29 / 32	mm
theo. immersion depth E	114.8	mm
theo. exposed part of float e	28.0	mm
eff. immersion depth E' *1)	103.1 / 115.4	mm
level deviation *1)	11.7 / -0.6	mm
41433-6 *3)		
density	0.703 > ¦ Ó0.642	g/cm³
pipe min./max. ID *2)	29 / 32	mm
theo. immersion depth E	140.3	mm
theo. exposed part of float e	28.0	mm
eff. immersion depth E' *1)	124.5 / 139.3	mm
level deviation *1)	15.8 / 1.0	mm



technical details

material	Titan Alloy	
thickness	0.3	mm
max. operating pressure	80	bar@20 °C
max. test pressure	80	bar@20 °C
min. density	0.642	g/cm³
length L_n (**X** * 25.7)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.519 g/cm³)

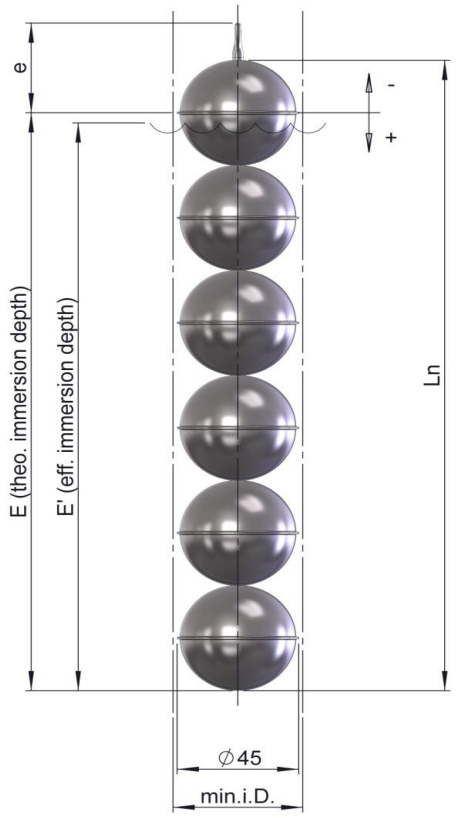
commentary

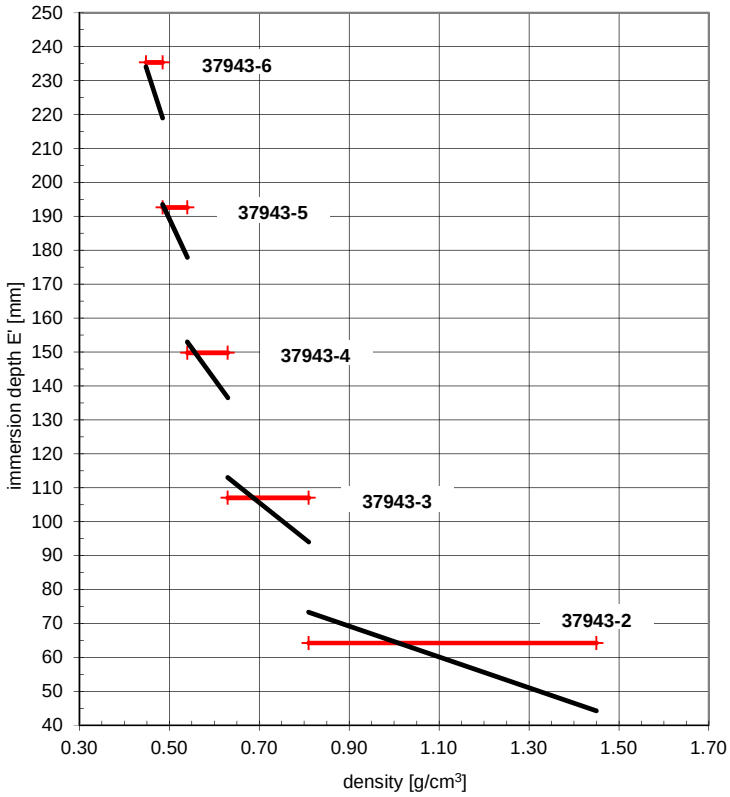
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 41433-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

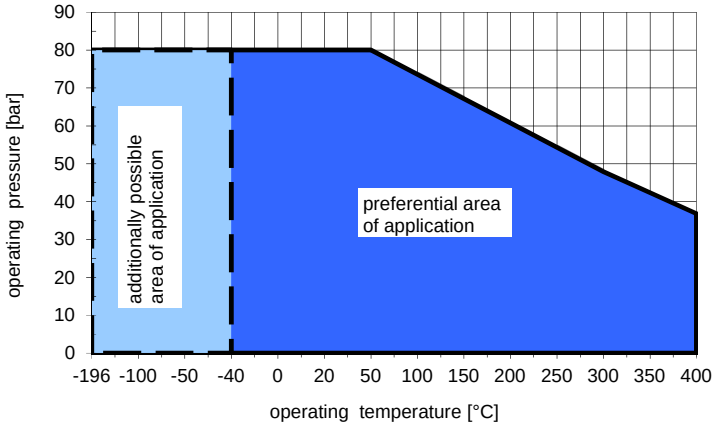
www.weka-ag.ch

Ball float Ø45x0,4 type 37943-X





37943-2 *3)		
density	1.45 > ¡ Ó0.81	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	64.2	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	44.2 / 73.3	mm
level deviation *1)	20.0 / -9.1	mm
37943-3 *3)		
density	0.81 > ¡ Ó0.63	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	107.0	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	94.0 / 113.0	mm
level deviation *1)	13.0 / -6.0	mm
37943-4 *3)		
density	0.63 > ¡ Ó0.54	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	149.8	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	136.5 / 153.0	mm
level deviation *1)	13.3 / -3.2	mm
37943-5 *3)		
density	0.54 > ¡ Ó0.485	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	192.6	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	177.9 / 193.5	mm
level deviation *1)	14.7 / -0.9	mm
37943-6 *3)		
density	0.485 > ¡ Ó0.448	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	235.4	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	219.0 / 234.1	mm
level deviation *1)	16.4 / 1.3	mm



technical details

material	Titan Alloy	
thickness	0.4	mm
max. operating pressure	80	bar@20 °C
max. test pressure	80	bar@20 °C
min. density	0.448	g/cm³
length L_n (**X** * 42.8)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.368 g/cm³)

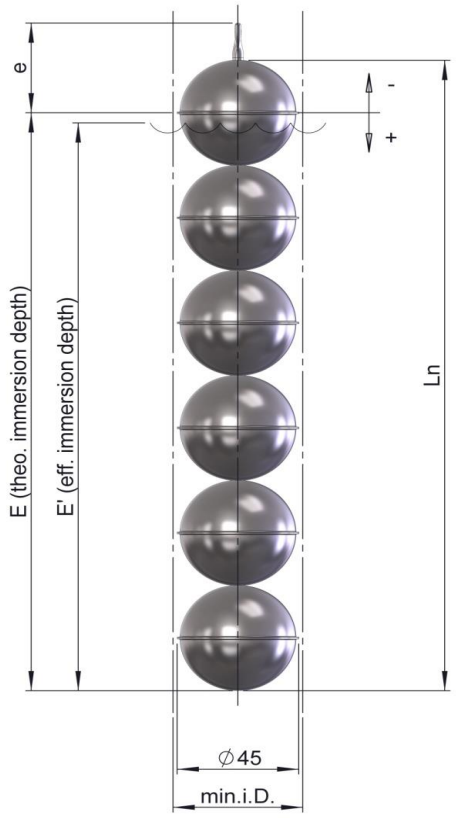
commentary

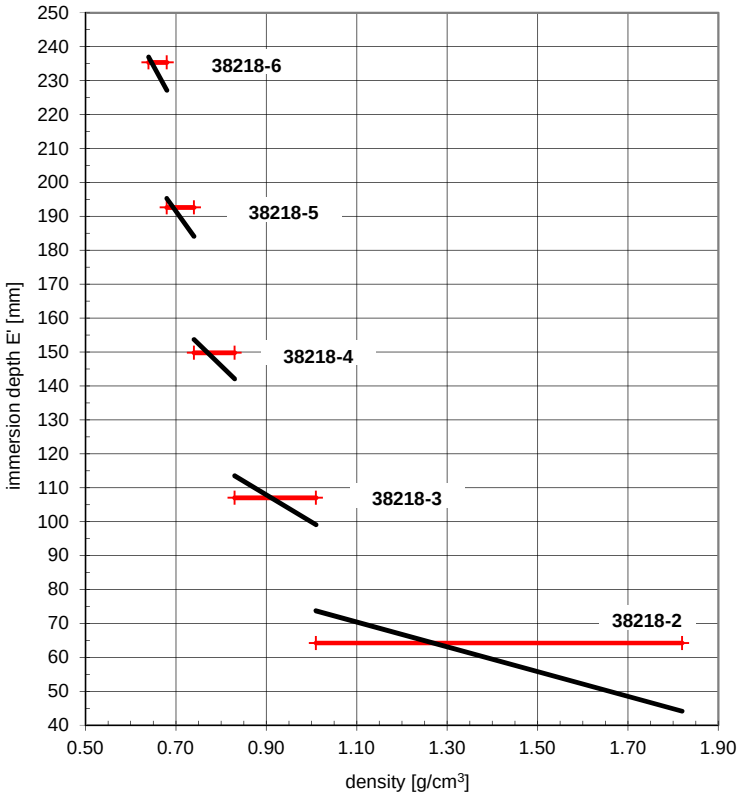
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 37943-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

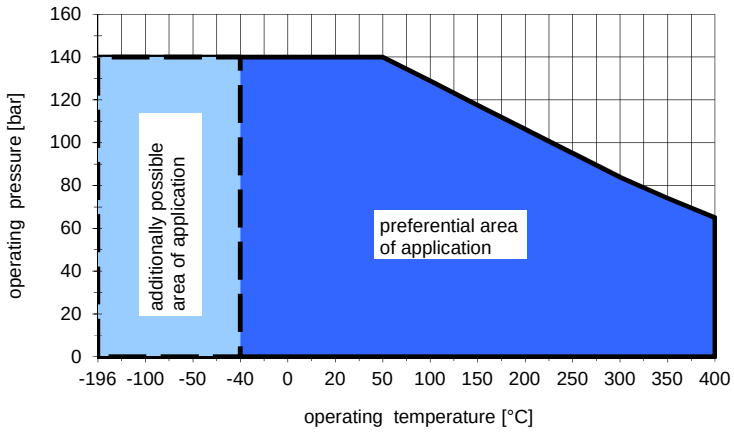
www.weka-ag.ch

Ball float Ø45x0,7 type 38218-X





38218-2 *3)		
density	1.82 > ¡ Ó1.01	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	64.2	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	44.1 / 73.7	mm
level deviation *1)	20.1 / -9.5	mm
38218-3 *3)		
density	1.01 > ¡ Ó0.83	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	107.0	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	99.1 / 113.5	mm
level deviation *1)	7.9 / -6.5	mm
38218-4 *3)		
density	0.83 > ¡ Ó0.74	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	149.8	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	142.1 / 153.7	mm
level deviation *1)	7.7 / -3.9	mm
38218-5 *3)		
density	0.74 > ¡ Ó0.68	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	192.6	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	184.1 / 195.3	mm
level deviation *1)	8.5 / -2.7	mm
38218-6 *3)		
density	0.68 > ¡ Ó0.64	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	235.4	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	227.2 / 237.0	mm
level deviation *1)	8.2 / -1.6	mm



technical details

material	Titan Alloy	
thickness	0.71	mm
max. operating pressure	140	bar@20 °C
max. test pressure	140	bar@20 °C
min. density	0.640	g/cm³
length L_n (**X** * 42.8)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.555 g/cm³)

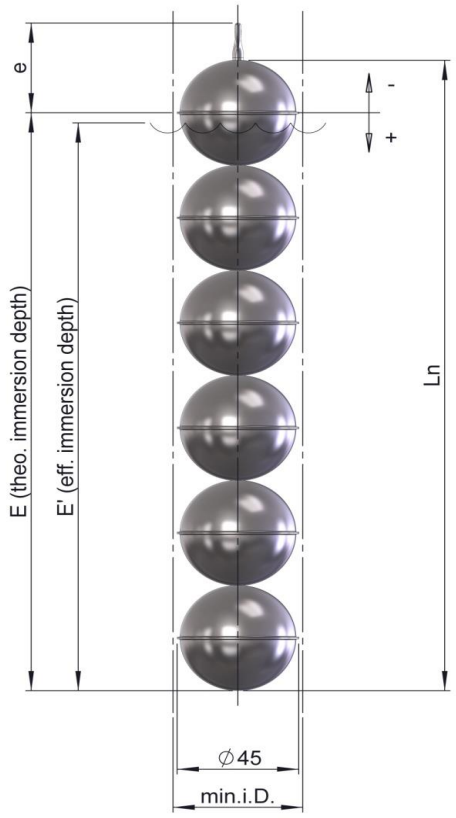
commentary

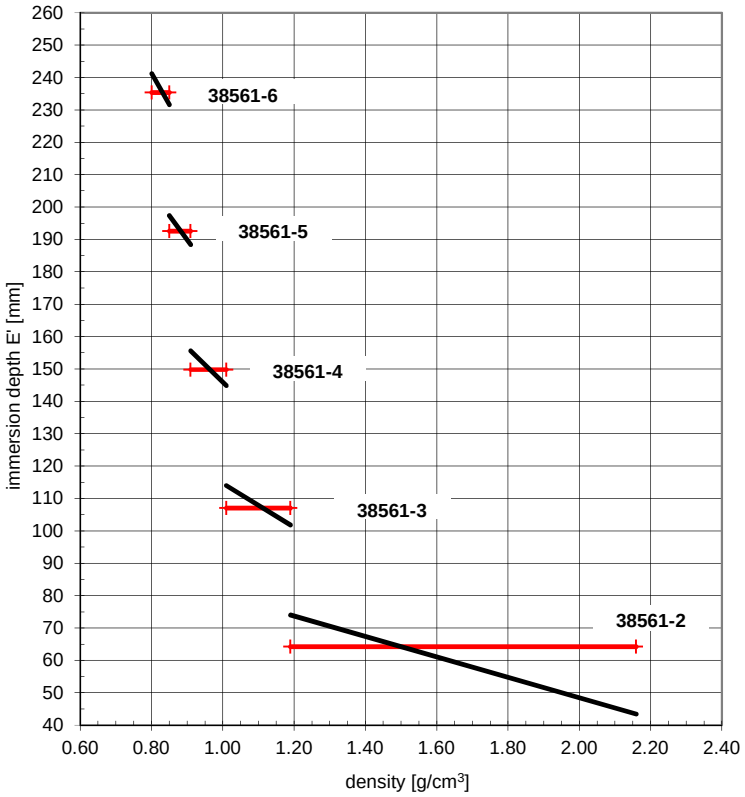
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 38218-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

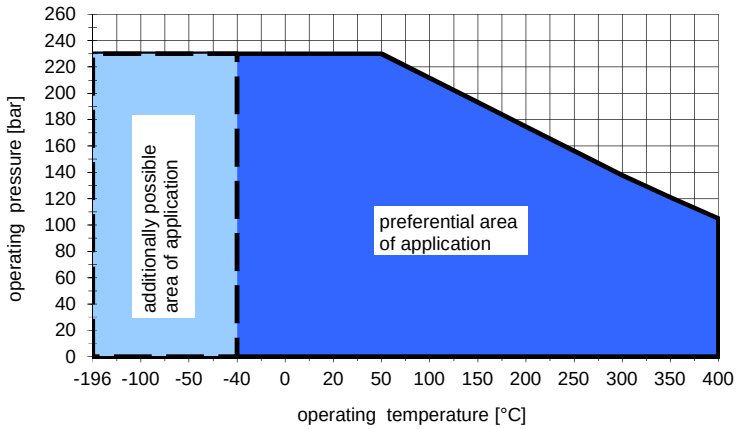
www.weka-ag.ch

Ball float Ø45x1,0 type 38561-X





38561-2 *3)		
density	2.16 > ¡ Ó1.19	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	64.2	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	43.4 / 74.0	mm
level deviation *1)	20.8 / -9.8	mm
38561-3 *3)		
density	1.19 > ¡ Ó1.01	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	107.0	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	101.8 / 114.0	mm
level deviation *1)	5.2 / -7.0	mm
38561-4 *3)		
density	1.01 > ¡ Ó0.91	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	149.8	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	144.9 / 155.6	mm
level deviation *1)	4.9 / -5.8	mm
38561-5 *3)		
density	0.91 > ¡ Ó0.85	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	192.6	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	188.4 / 197.4	mm
level deviation *1)	4.2 / -4.8	mm
38561-6 *3)		
density	0.85 > ¡ Ó0.801	g/cm³
pipe min./max. ID *2)	48 / 50	mm
theo. immersion depth E	235.4	mm
theo. exposed part of float e	36.5	mm
eff. immersion depth E' *1)	231.6 / 241.2	mm
level deviation *1)	3.8 / -5.8	mm



technical details

material	Titan Alloy	
thickness	1.00	mm
max. operating pressure	230	bar@20 °C
max. test pressure	230	bar@20 °C
min. density	0.801	g/cm³
length L_n (**X** * 42.8)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.732 g/cm³)

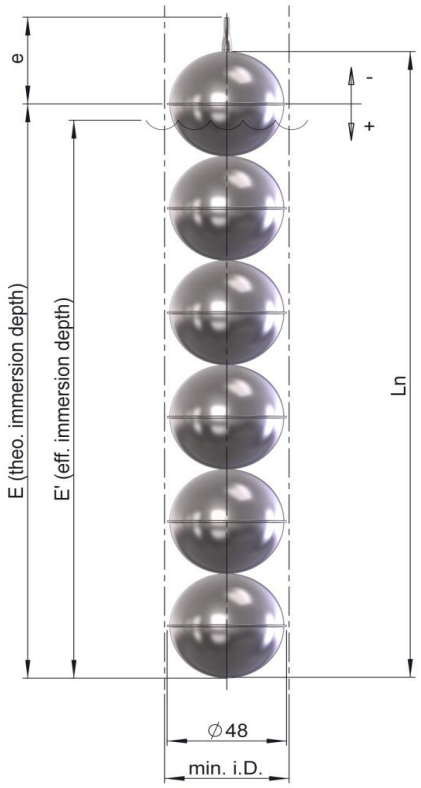
commentary

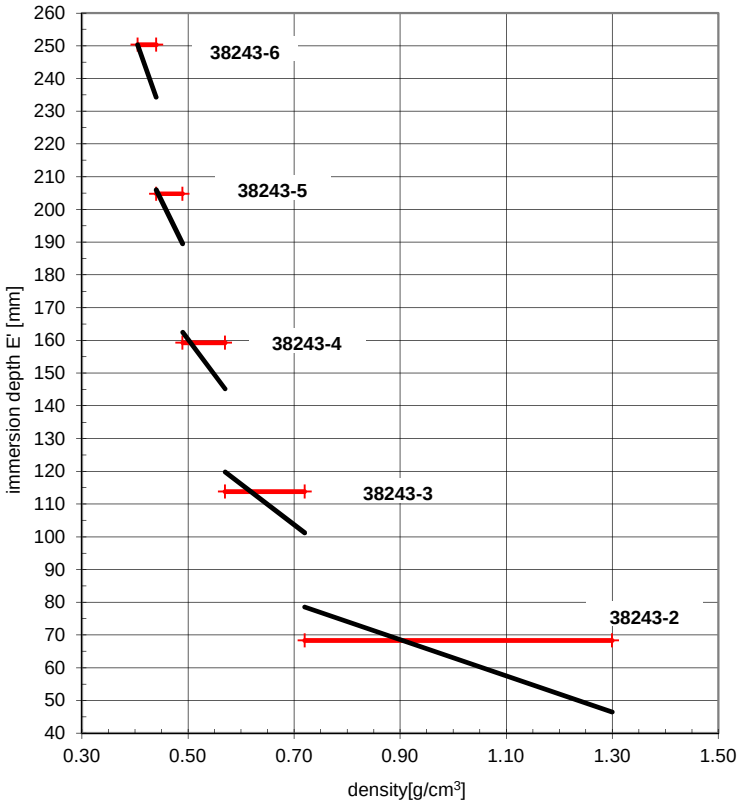
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 38561-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

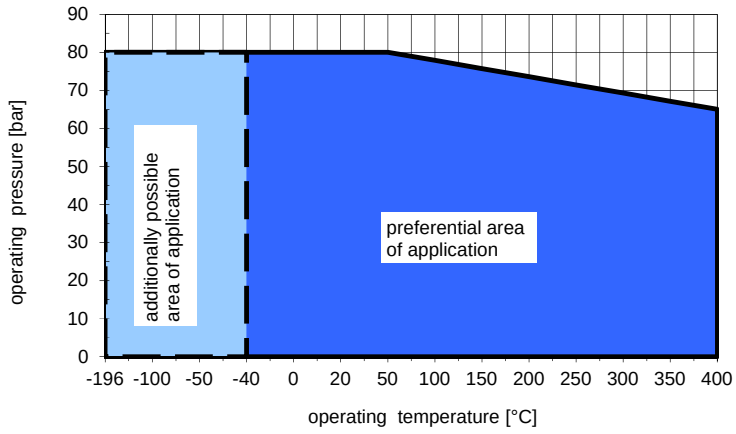
www.weka-ag.ch

Ball float Ø48x0,4 type 38243-X





38243-2 *3)		
density	1.30 > ¡ Ó0.72	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	68.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	46.5 / 78.5	mm
level deviation *1)	21.8 / -10.2	mm
38243-3 *3)		
density	0.72 > ¡ Ó0.57	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	113.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	101.2 / 119.8	mm
level deviation *1)	12.6 / -6.0	mm
38243-4 *3)		
density	0.57 > ¡ Ó0.49	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	159.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	145.2 / 162.5	mm
level deviation *1)	14.1 / -3.2	mm
38243-5 *3)		
density	0.49 > ¡ Ó0.44	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	204.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	189.5 / 206.0	mm
level deviation *1)	15.3 / -1.2	mm
38243-6 *3)		
density	0.44 > ¡ Ó0.405	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	250.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	234.3 / 250.3	mm
level deviation *1)	16.0 / 0.0	mm



technical details

material	Titan Alloy	
thickness	0.4	mm
max. operating pressure	80	bar@20 °C
max. test pressure	80	bar@20 °C
min. density	0.405	g/cm³
length L_n (**X** * 45.5)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.335 g/cm³)

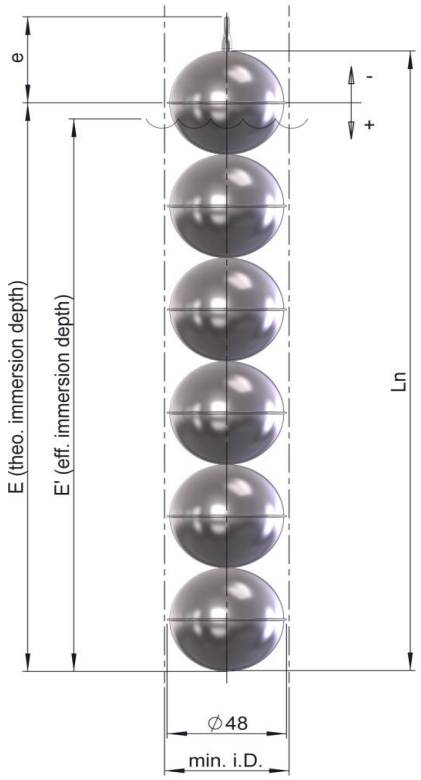
commentary

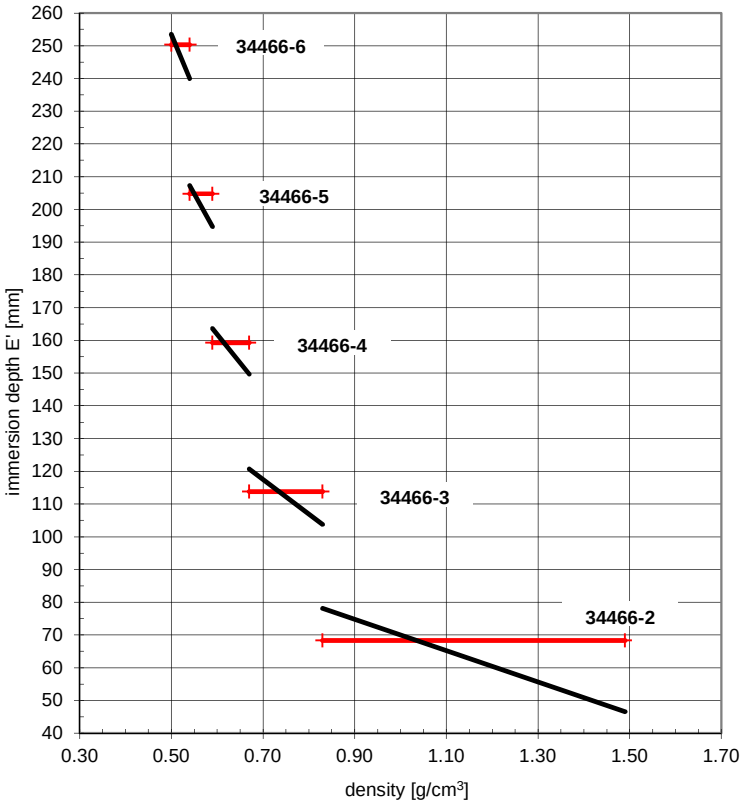
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 38243-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

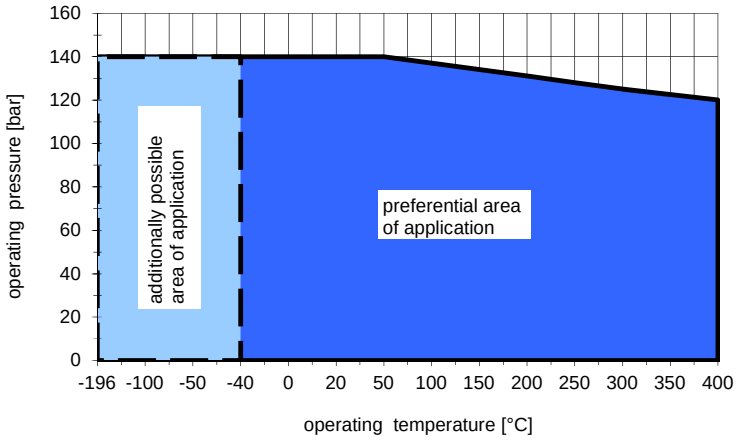
www.weka-ag.ch

Ball float Ø48x0,5 type 34466-X





34466-2 *3)		
density	1.49 > ¡ Ó0.83	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	68.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	46.6 / 78.1	mm
level deviation *1)	21.7 / -9.8	mm
34466-3 *3)		
density	0.83 > ¡ Ó0.67	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	113.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	103.8 / 120.7	mm
level deviation *1)	10.0 / -6.9	mm
34466-4 *3)		
density	0.67 > ¡ Ó0.59	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	159.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	149.7 / 163.6	mm
level deviation *1)	9.6 / -4.3	mm
34466-5 *3)		
density	0.59 > ¡ Ó0.54	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	204.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	194.8 / 207.3	mm
level deviation *1)	10.0 / -2.5	mm
34466-6 *3)		
density	0.54 > ¡ Ó0.50	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	250.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	240.0 / 253.5	mm
level deviation *1)	10.3 / -3.2	mm



technical details

material	Titan Alloy	
thickness	0.5	mm
max. operating pressure	140	bar@20 °C
max. test pressure	140	bar@20 °C
min. density	0.500	g/cm³
length L_n (**X** * 45.5)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.432 g/cm³)

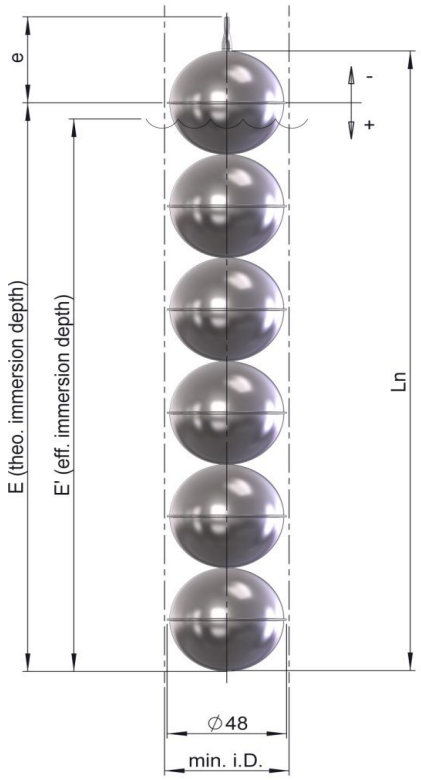
commentary

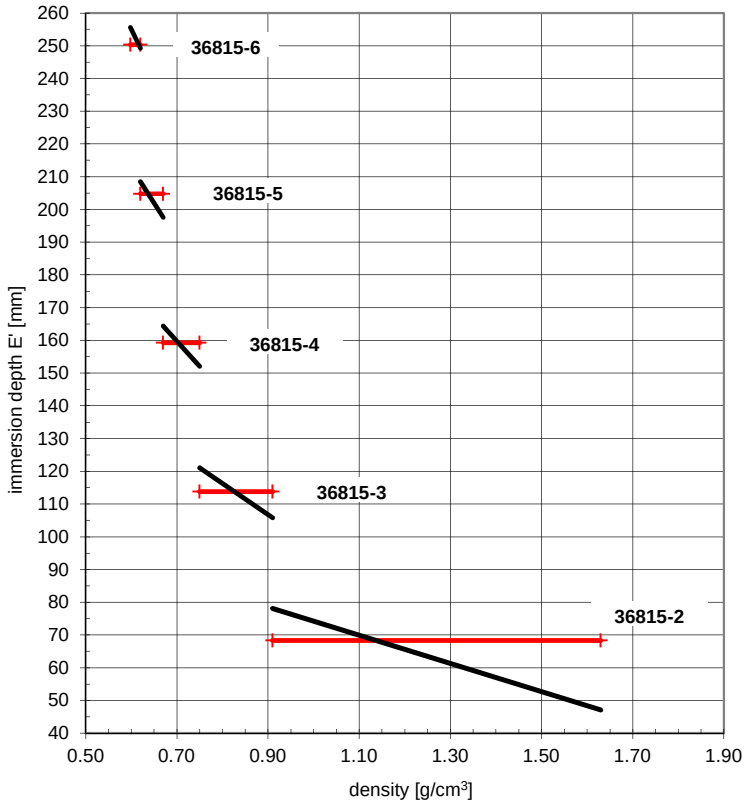
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 34466-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

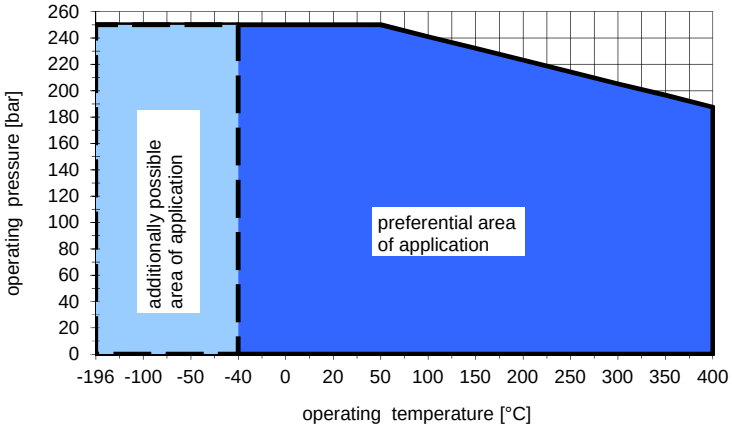
www.weka-ag.ch

Ball float Ø48x0,7 type 36815-X





36815-2 *3)		
density	1.63 > ¡ Ó0.91	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	68.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	47.1 / 78.1	mm
level deviation *1)	21.2 / -9.8	mm
36815-3 *3)		
density	0.91 > ¡ Ó0.75	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	113.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	105.8 / 121.1	mm
level deviation *1)	8.0 / -7.3	mm
36815-4 *3)		
density	0.75 > ¡ Ó0.67	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	159.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	152.1 / 164.4	mm
level deviation *1)	7.2 / -5.1	mm
36815-5 *3)		
density	0.67 > ¡ Ó0.62	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	204.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	197.6 / 208.5	mm
level deviation *1)	7.2 / -3.7	mm
36815-6 *3)		
density	0.62 > ¡ Ó0.598	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	250.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	249.3 / 255.6	mm
level deviation *1)	1.0 / -5.3	mm



technical details

material	Titan Alloy	
thickness	0.72	mm
max. operating pressure	250	bar@20 °C
max. test pressure	250	bar@20 °C
min. density	0.598	g/cm³
length L_n (**X** * 45.5)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.516 g/cm³)

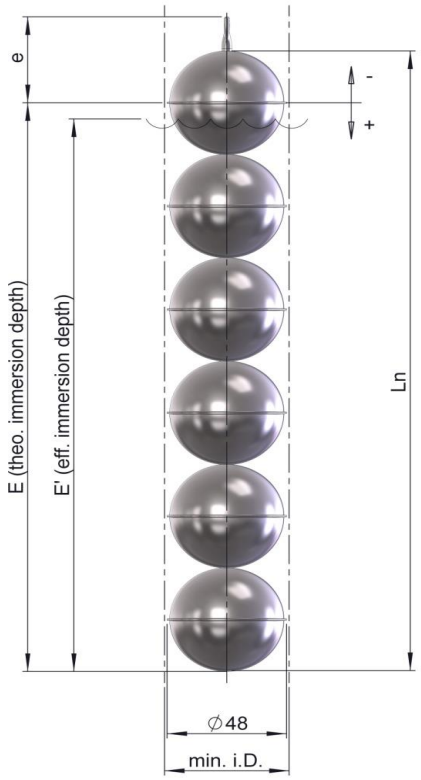
commentary

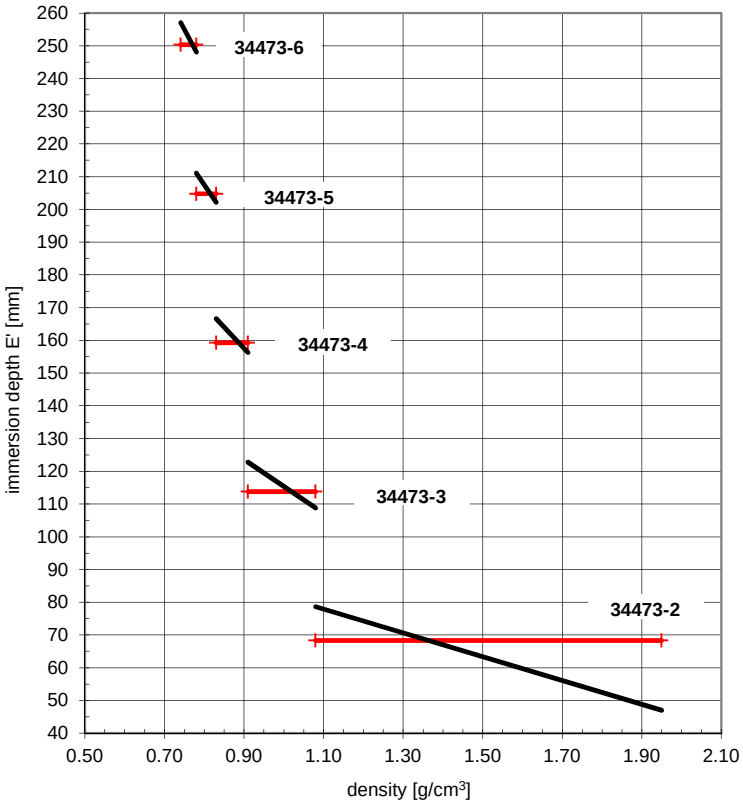
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 36815-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

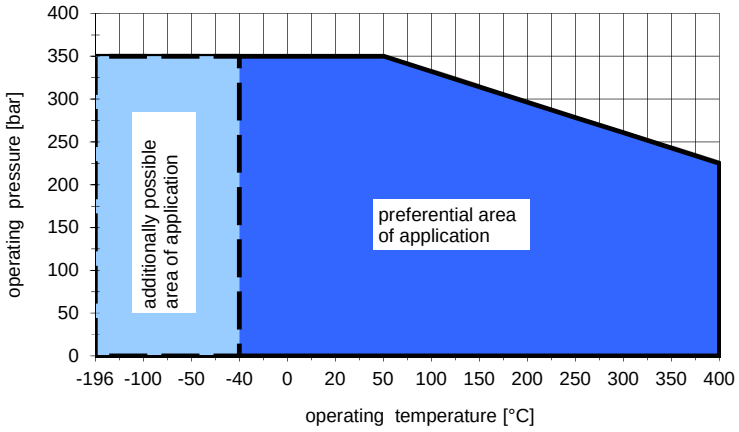
www.weka-ag.ch

Ball float Ø48x1,0 type 34473-X





34473-2 *3)		
density	1.95 > ¡ Ó1.08	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	68.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	47.0 / 78.6	mm
level deviation *1)	21.3 / -10.3	mm
34473-3 *3)		
density	1.08 > ¡ Ó0.91	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	113.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	108.8 / 122.8	mm
level deviation *1)	5.0 / -9.0	mm
34473-4 *3)		
density	0.91 > ¡ Ó0.83	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	159.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	156.3 / 166.6	mm
level deviation *1)	3.0 / -7.3	mm
34473-5 *3)		
density	0.83 > ¡ Ó0.78	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	204.8	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	202.2 / 211.1	mm
level deviation *1)	2.6 / -6.3	mm
34473-6 *3)		
density	0.78 > ¡ Ó0.741	g/cm³
pipe min./max. ID *2)	50 / 54	mm
theo. immersion depth E	250.3	mm
theo. exposed part of float e	38.0	mm
eff. immersion depth E' *1)	248.1 / 257.1	mm
level deviation *1)	2.2 / -6.8	mm



technical details

material	Titan Alloy	
thickness	1.0	mm
max. operating pressure	350	bar@20 °C
max. test pressure	350	bar@20 °C
min. density	0.741	g/cm³
length L_n (**X** * 45.5)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.684 g/cm³)

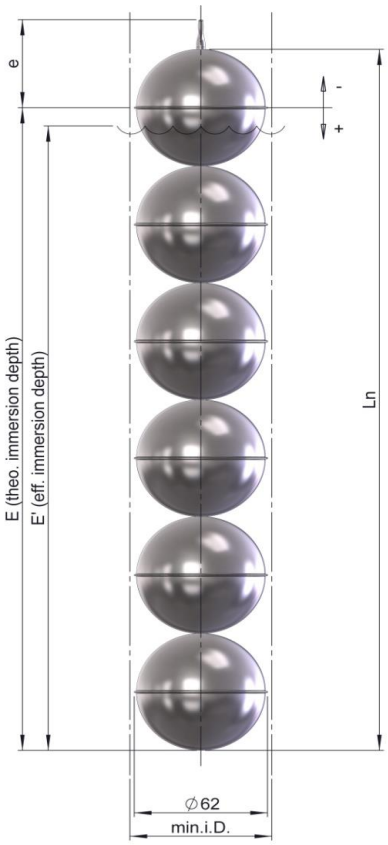
commentary

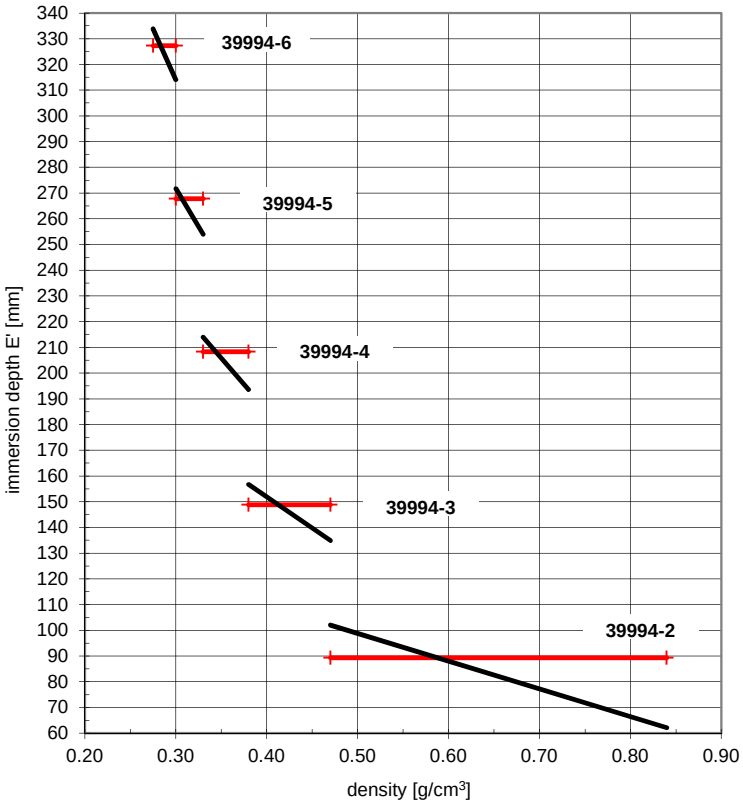
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 34473-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

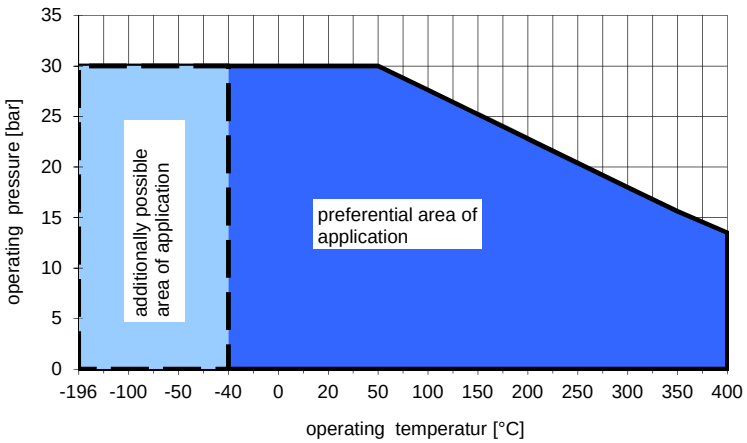
www.weka-ag.ch

Ball float Ø62x0.4 type 39994-X





39994-2 *3)		
density	0.84 > ¡ Ó0.47	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	89.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	62.1 / 102.0	mm
level deviation *1)	27.2 / -12.7	mm
39994-3 *3)		
density	0.47 > ¡ Ó0.38	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	148.8	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	134.9 / 156.7	mm
level deviation *1)	13.9 / -7.9	mm
39994-4 *3)		
density	0.38 > ¡ Ó0.33	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	208.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	193.6 / 214.0	mm
level deviation *1)	14.7 / -5.7	mm
39994-5 *3)		
density	0.33 > ¡ Ó0.30	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	267.8	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	254.0 / 271.7	mm
level deviation *1)	13.8 / -3.9	mm
39994-6 *3)		
density	0.30 > ¡ Ó0.275	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	327.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	314.1 / 333.9	mm
level deviation *1)	13.2 / -6.6	mm



technical details

material	Titan Alloy	
thickness	0.4	mm
max. operating pressure	30	bar@20 °C
max. test pressure	30	bar@20 °C
min. density	0.275	g/cm³
length L_n (**X** * 59.6)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.239 g/cm³)

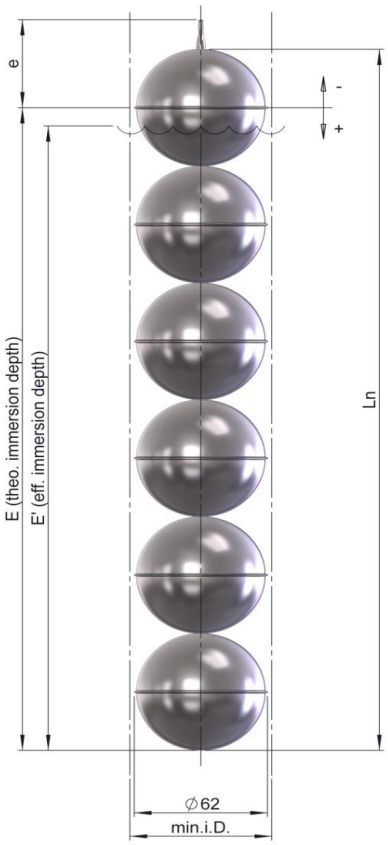
commentary

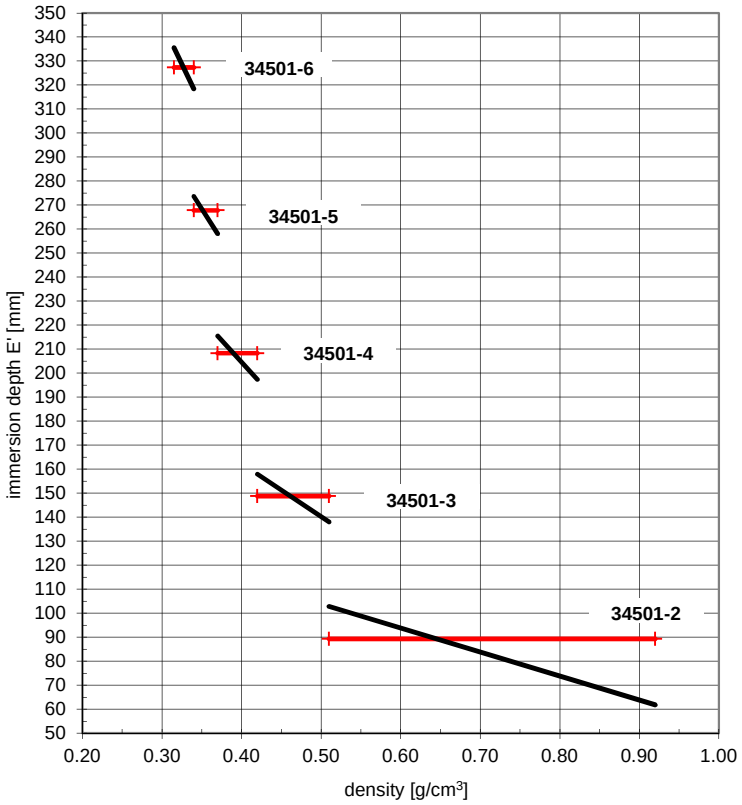
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 39994-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

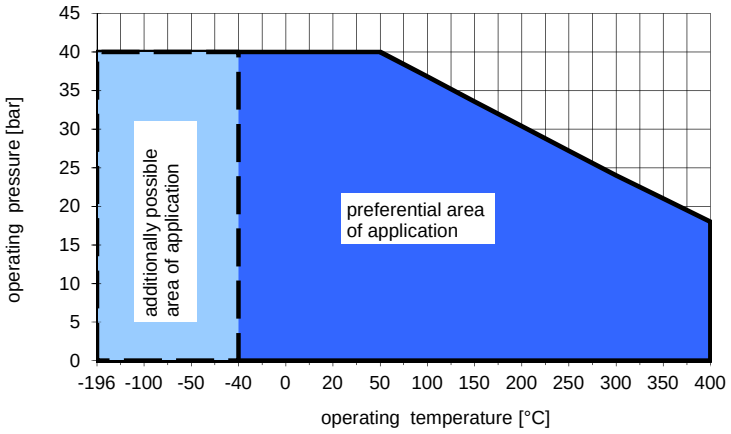
www.weka-ag.ch

Ball float Ø62x0,5 type 34501-X





34501-2 *3)		
density	0.92 > ¦ Ó0.51	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	89.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	61.8 / 102.8	mm
level deviation *1)	27.5 / -13.5	mm
34501-3 *3)		
density	0.51 > ¦ Ó0.42	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	148.8	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	138.0 / 157.9	mm
level deviation *1)	10.8 / -9.1	mm
34501-4 *3)		
density	0.42 > ¦ Ó0.37	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	208.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	197.4 / 215.5	mm
level deviation *1)	10.9 / -7.2	mm
34501-5 *3)		
density	0.37 > ¦ Ó0.34	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	267.8	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	258.1 / 273.6	mm
level deviation *1)	9.7 / -5.8	mm
34501-6 *3)		
density	0.34 > ¦ Ó0.315	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	327.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	318.4 / 335.6	mm
level deviation *1)	8.9 / -8.3	mm



technical details

material	Titan Alloy	
thickness	0.5	mm
max. operating pressure	40	bar@20 °C
max. test pressure	40	bar@20 °C
min. density	0.315	g/cm³
length L_n (**X** * 59.5)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.281 g/cm³)

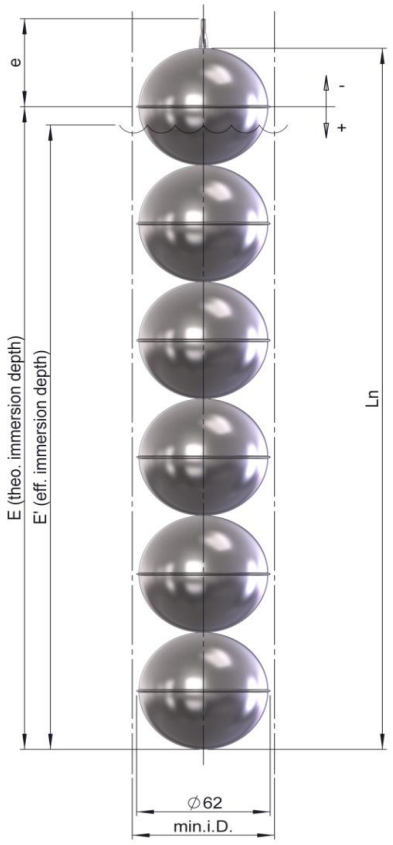
commentary

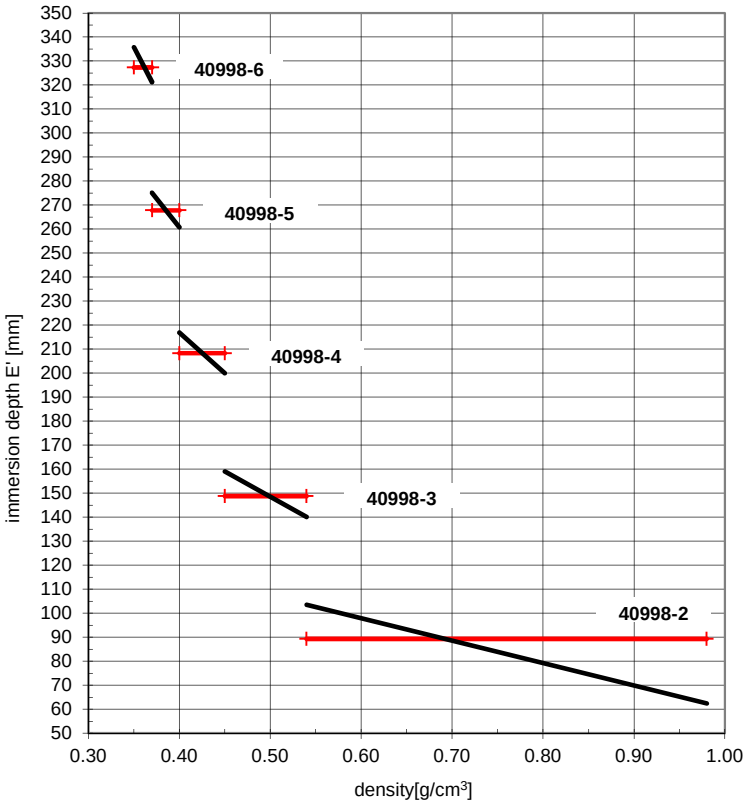
*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 34501-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

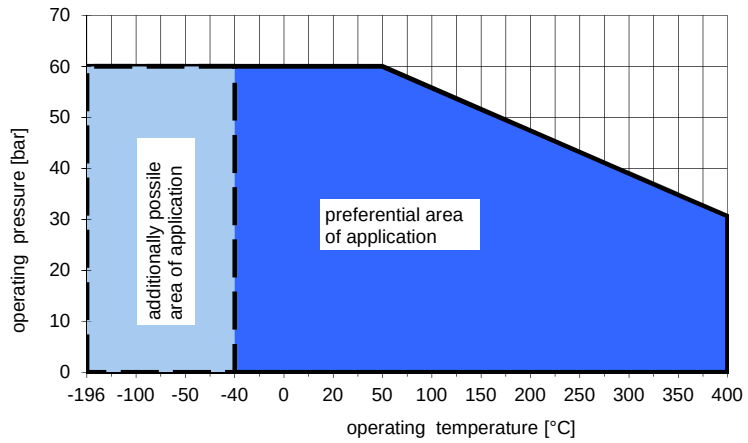
www.weka-ag.ch

Ball float Ø62x0,56 type 40998-X





40998-2 *3)		
density	0.98 > ¡ Ó0.54	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	89.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	62.4 / 103.5	mm
level deviation *1)	26.9 / -14.2	mm
40998-3 *3)		
density	0.54 > ¡ Ó0.45	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	148.8	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	140.1 / 159.0	mm
level deviation *1)	8.7 / -10.2	mm
40998-4 *3)		
density	0.45 > ¡ Ó0.40	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	208.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	200.0 / 216.9	mm
level deviation *1)	8.3 / -8.6	mm
40998-5 *3)		
density	0.40 > ¡ Ó0.37	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	267.8	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	260.8 / 275.1	mm
level deviation *1)	7.0 / -7.3	mm
40998-6 *3)		
density	0.37 > ¡ Ó0.35	g/cm³
pipe min./max. ID *2)	66 / 70	mm
theo. immersion depth E	327.3	mm
theo. exposed part of float e	45.0	mm
eff. immersion depth E' *1)	321.2 / 335.7	mm
level deviation *1)	6.1 / -8.4	mm



technical details

material	Titan Alloy	
thickness	0.56	mm
max. operating pressure	60	bar@20 °C
max. test pressure	60	bar@20 °C
min. density	0.350	g/cm³
length L_n (**X** * 59.5)	é	mm

For lower densities special floats with additional balls are available.
Interface measurement is possible on request
(max. 10 balls and min. density 0.312 g/cm³)

commentary

*1) refer to diagram
*2) other pipe diameters on request
*3) Part code 40998-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

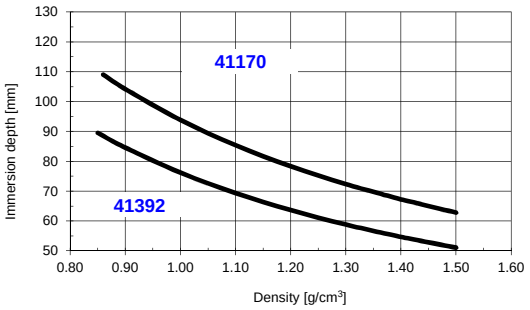
www.weka-ag.ch

Float data sheet overview: Plastic-floats

page	type	material of float	max. operating/test pressure	max. temperature range of fluids	min. density of fluids	remarks

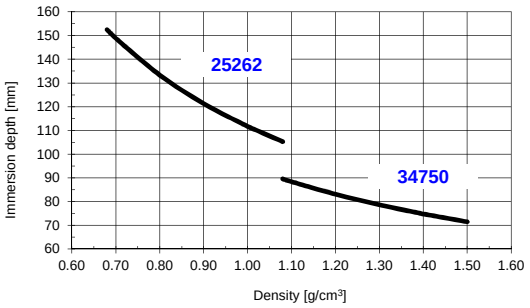
Float Ø32

E1	41392	PVC	10bar@20ºC	0°Cé +80°C	0.85 g/cm³
E2	41170	PVDF	16bar@20ºC	-20°Cé +140°C	0.86 g/cm³

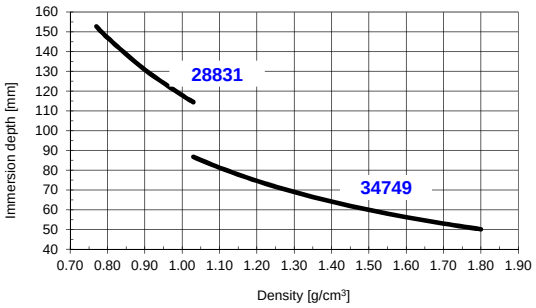


Float Ø50

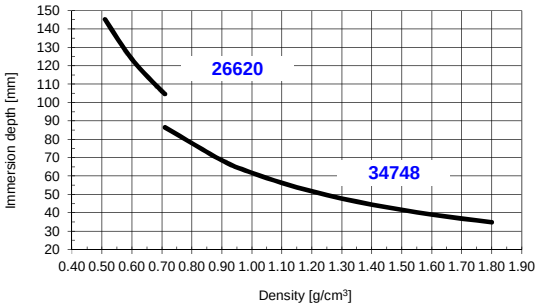
E3	34750	PVC	5bar@20ºC	0°Cé +80°C	1.08 g/cm³
E4	25262	PVC	5bar@20ºC	0°Cé +80°C	0.68 g/cm³



E5	34749	PVDF	16bar@20ºC	-20°Cé +140°C	1.03 g/cm³
E6	28831	PVDF	16bar@20ºC	-20°Cé +140°C	0.77 g/cm³



E7	34748	PP-H	5bar@20ºC	0°Cé +80°C	0.71 g/cm³
E8	26620	PP-H	5bar@20ºC	0°Cé +80°C	0.51 g/cm³

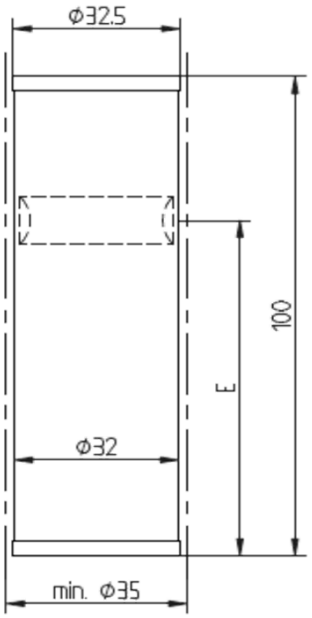


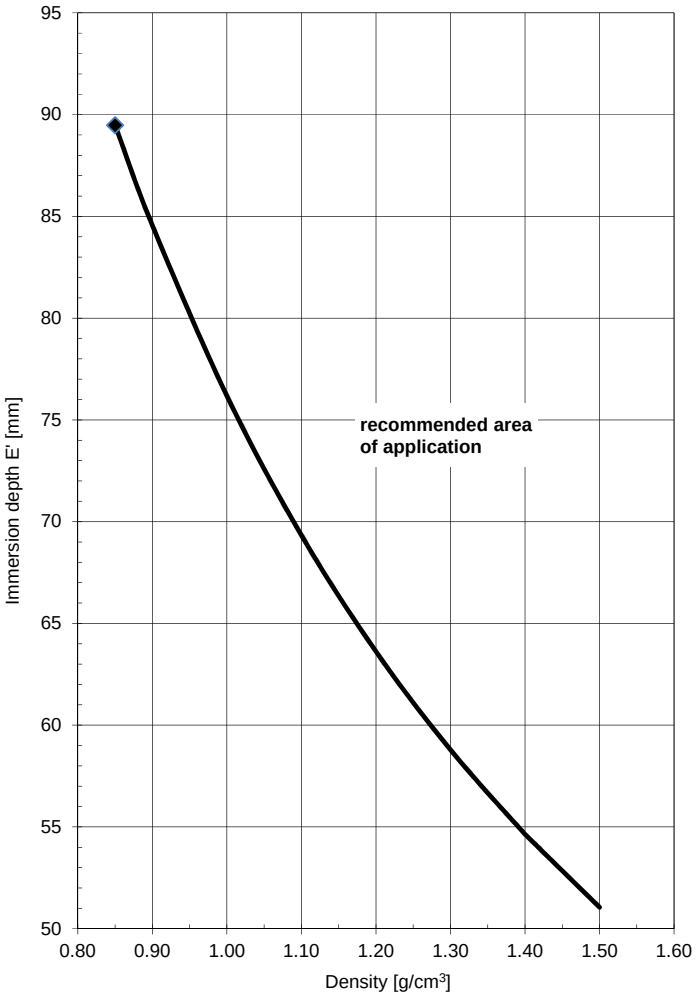
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

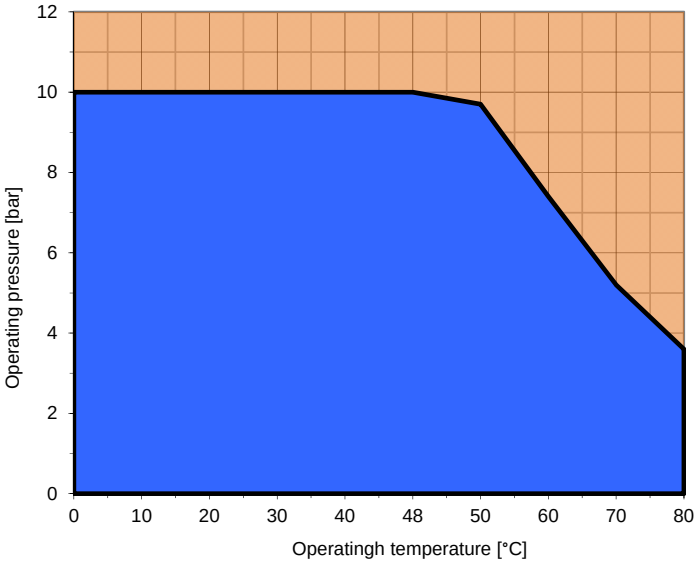
www.weka-ag.ch

Float Ø32x100 PVC

Type 41392







order reference
41392

technical details

material	PVC-C
max. operating pressure *1)	10bar@20 °C
max. test pressure *1)	10bar@20 °C
min. density	0.85g/cm³
pipe min. ID	35/40mm
theo. immersion depth E	89.5mm = with density 0.85g/cm³
	84.6mm = with density 0.90g/cm³
	76.2mm = with density 1.00g/cm³
	69.3mm = with density 1.10g/cm³
	63.6mm = with density 1.20g/cm³
	58.8mm = with density 1.30g/cm³
	54.6mm = with density 1.40g/cm³
	51.1mm = with density 1.50g/cm³
eff. immersion depth E'	see diagram

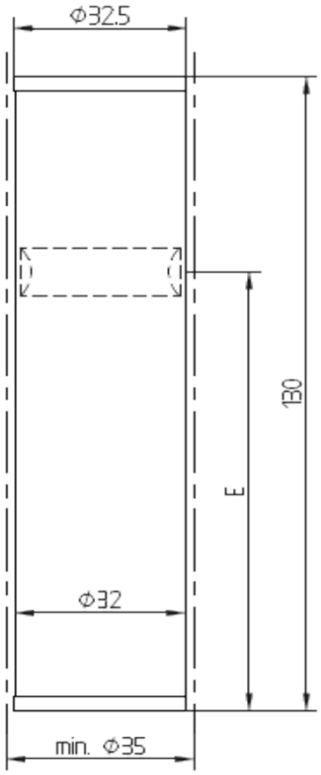
commentary
*1) corresponds max. operating/test pressure in bar

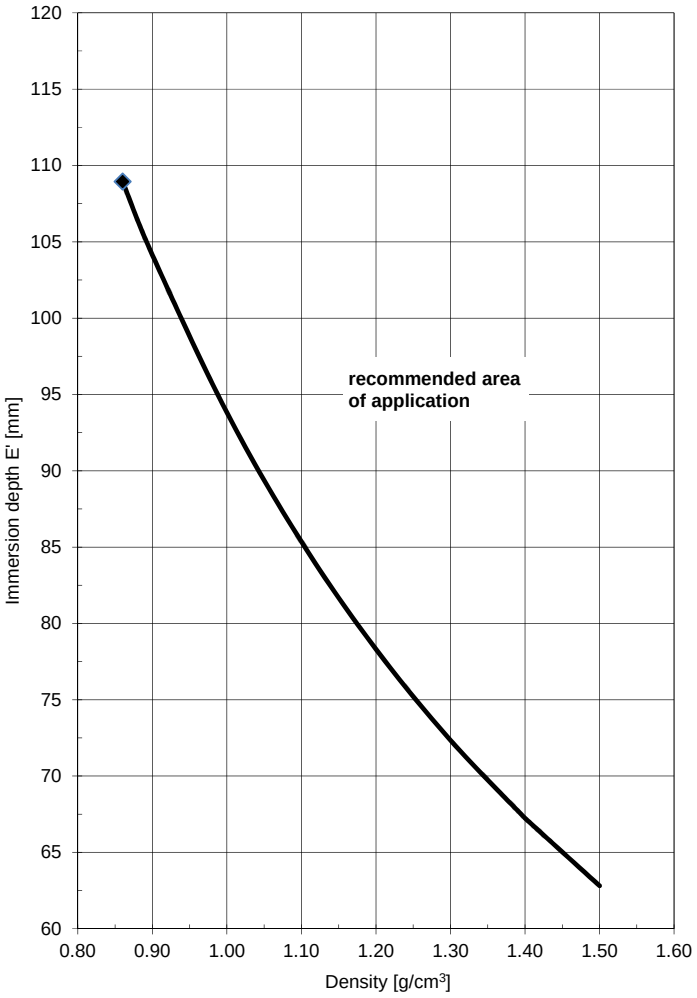
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

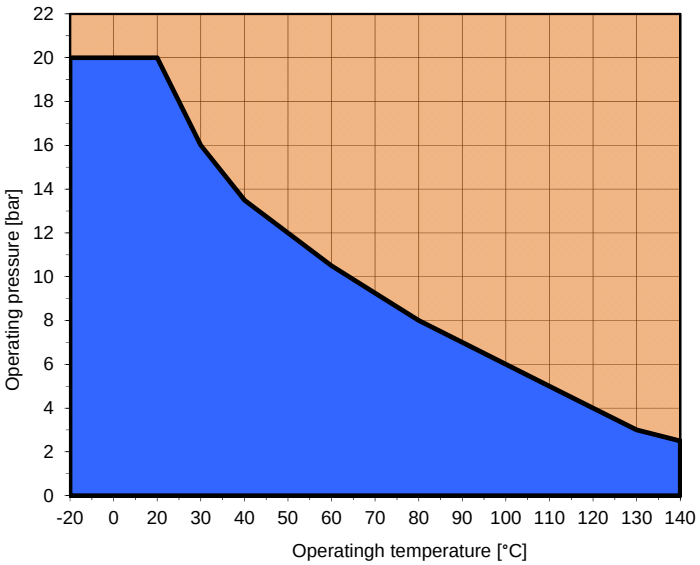
www.weka-ag.ch

Float Ø32x130 PVDF

Type 41170







order reference
41170

technical details

material	PVDF
max. operating pressure *1)	20bar@20 °C
max. test pressure *1)	20bar@20 °C
min. density	0.86g/cm³
pipe min. ID	35/40mm
theo. immersion depth E	109.0mm = with density 0.86g/cm³
	104.1mm = with density 0.90g/cm³
	93.8mm = with density 1.00g/cm³
	85.4mm = with density 1.10g/cm³
	78.3mm = with density 1.20g/cm³
	72.4mm = with density 1.30g/cm³
	67.2mm = with density 1.40g/cm³
	62.8mm = with density 1.50g/cm³
eff. immersion depth E'	see diagram

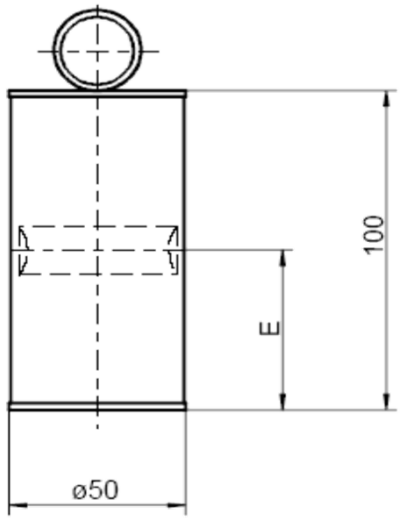
commentary
*1) corresponds max. operating/test pressure in bar

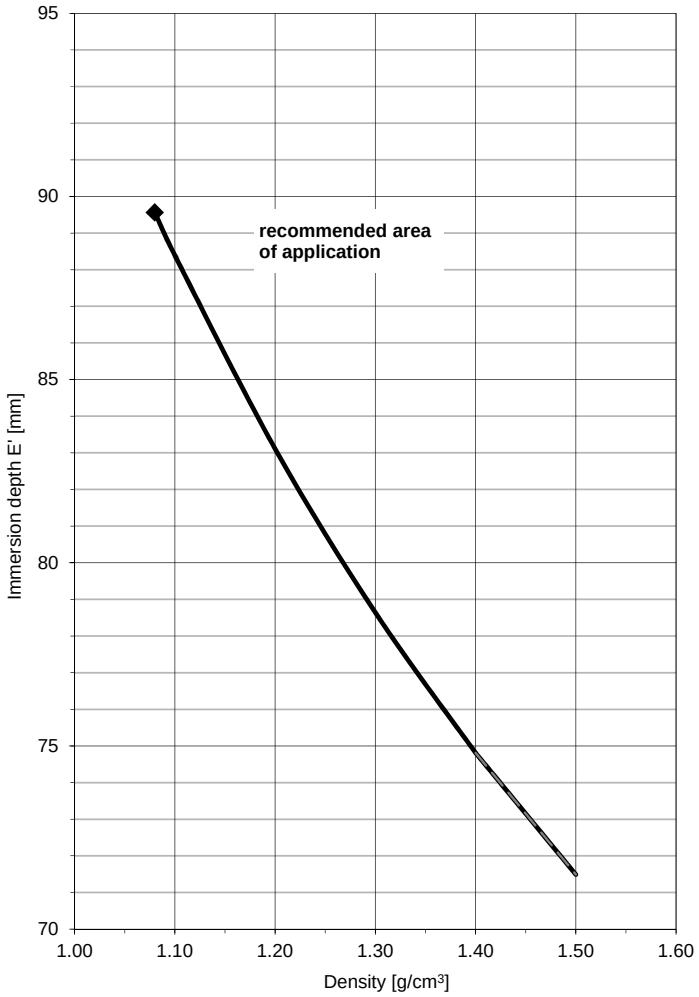
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

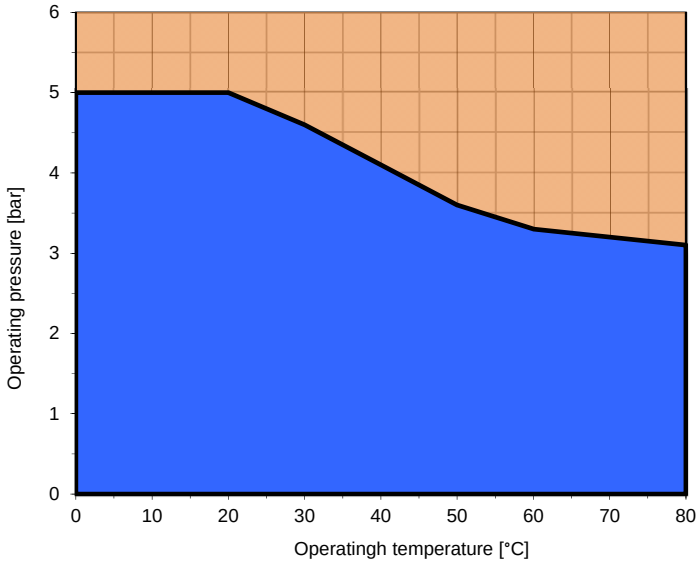
www.weka-ag.ch

Float Ø50x100 PVC

Type 34750







order reference
34750

technical details

material	PVC-U
max. operating pressure *1)	5bar@20 °C
max. test pressure *1)	5bar@20 °C
min. density	1.08g/cm³
pipe min. ID	53/58 mm
theo. immersion depth E	89.6mm = with density 1.08g/cm³
	88.4mm = with density 1.10g/cm³
	83.1mm = with density 1.20g/cm³
	78.6mm = with density 1.30g/cm³
	74.8mm = with density 1.40g/cm³
	71.5mm = with density 1.50g/cm³

eff. immersion depth E'	see diagram

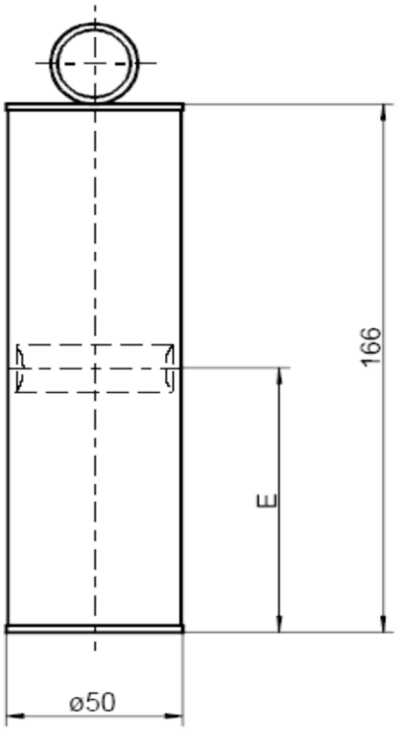
commentary
*1) corresponds max. operating/test pressure in bar

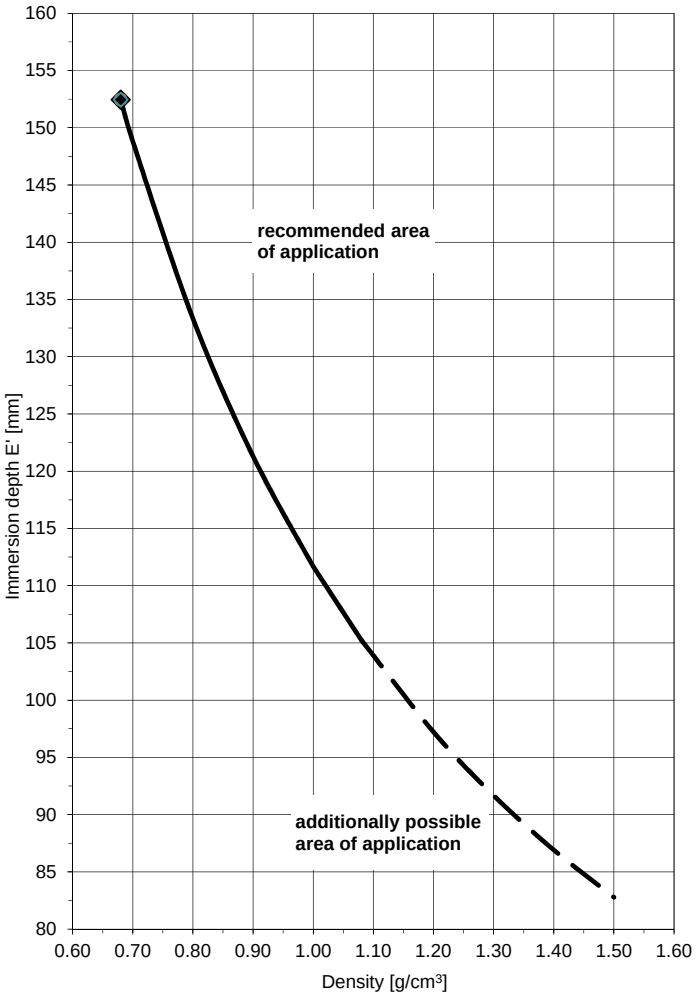
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

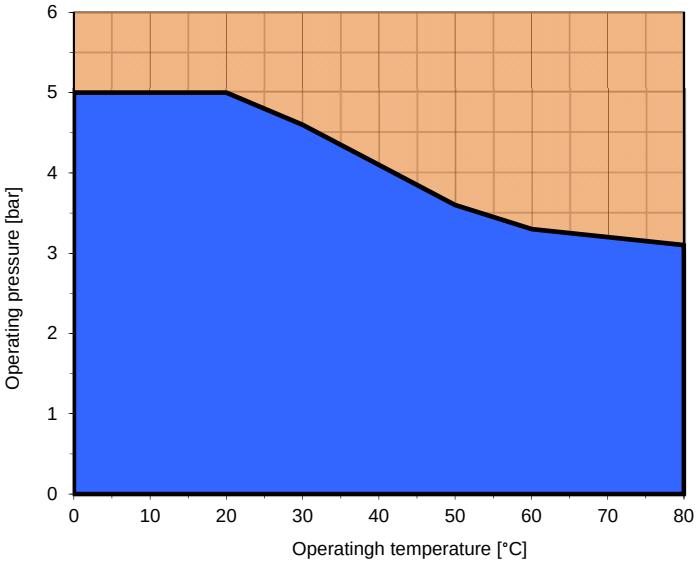
Float Ø50x166 PVC

Type 25262





order reference
25262



technical details

material	PVC-U
max. operating pressure *1)	5bar@20 °C
max. test pressure *1)	5bar@20 °C
min. density	0.68g/cm³
pipe min. ID	53/58 mm
theo. immersion depth E	152.5mm = with density 0.68g/cm³
	148.8mm = with density 0.70g/cm³
	133.3mm = with density 0.80g/cm³
	121.3mm = with density 0.90g/cm³
	111.7mm = with density 1.00g/cm³
	105.3mm = with density 1.08g/cm³

eff. immersion depth E'	see diagram

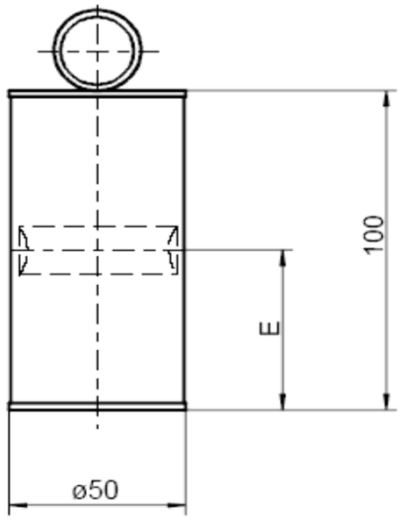
commentary
*1) corresponds max. operating/test pressure in bar

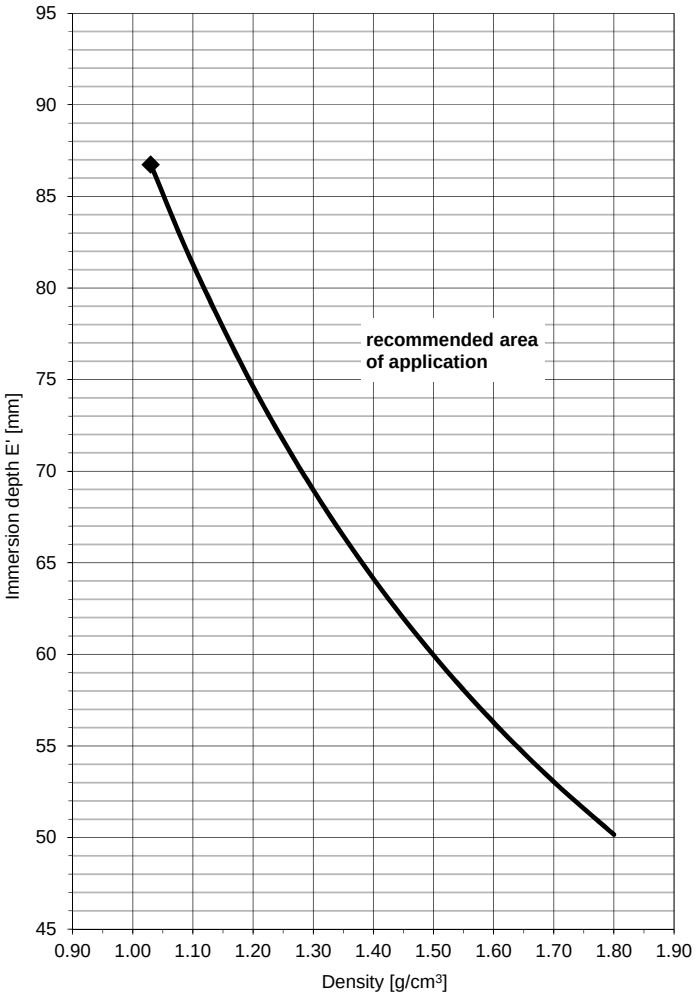
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

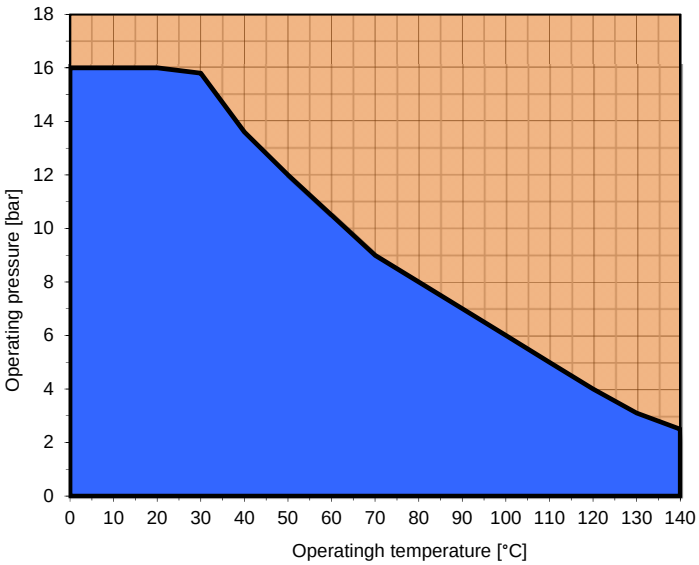
www.weka-ag.ch

Float Ø50x100 PVDF

Type 34749







order reference
34749

technical details

material	PVDF
max. operating pressure *1)	16bar@20 °C
max. test pressure *1)	16bar@20 °C
min. density	1.03g/cm³
pipe min. ID	53/58 mm
theo. immersion depth E	86.7mm = with density 1.03g/cm³
	81.3mm = with density 1.10g/cm³
	74.6mm = with density 1.20g/cm³
	69.0mm = with density 1.30g/cm³
	64.1mm = with density 1.40g/cm³
	60.0mm = with density 1.50g/cm³
	56.3mm = with density 1.60g/cm³
	53.0mm = with density 1.70g/cm³
	50.2mm = with density 1.80g/cm³
	50.2mm = with density 1.80g/cm³
eff. immersion depth E'	see diagram

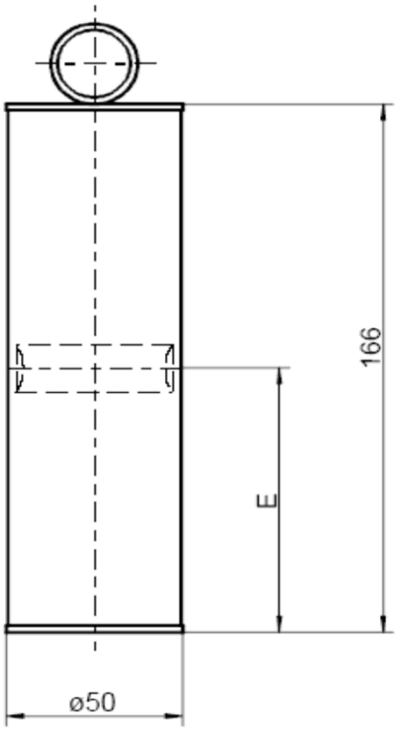
commentary
*1) corresponds max. operating/test pressure in bar

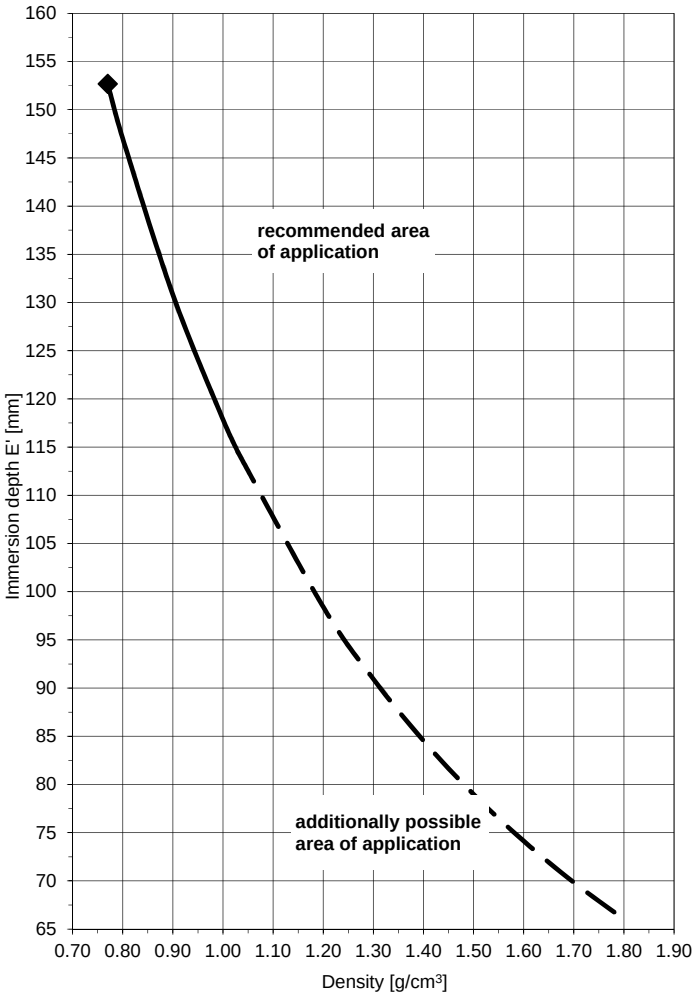
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

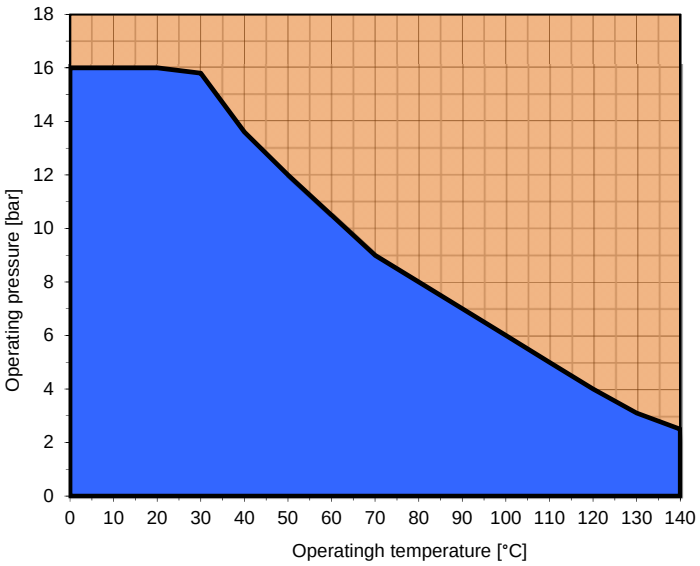
Float Ø50x166 PVDF

Type 28831





order reference
28831



technical details

material	PVDF
max. operating pressure *1)	16bar@20 °C
max. test pressure *1)	16bar@20 °C
min. density	0.77g/cm³
pipe min. ID	53/58 mm
theo. immersion depth E	152.7mm = with density 0.77g/cm³
	130.8mm = with density 0.90g/cm³
	117.9mm = with density 1.00g/cm³
	114.5mm = with density 1.03g/cm³

eff. immersion depth E'	see diagram

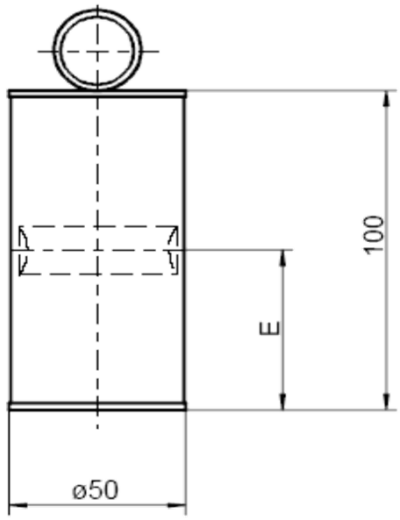
commentary
*1) corresponds max. operating/test pressure in bar

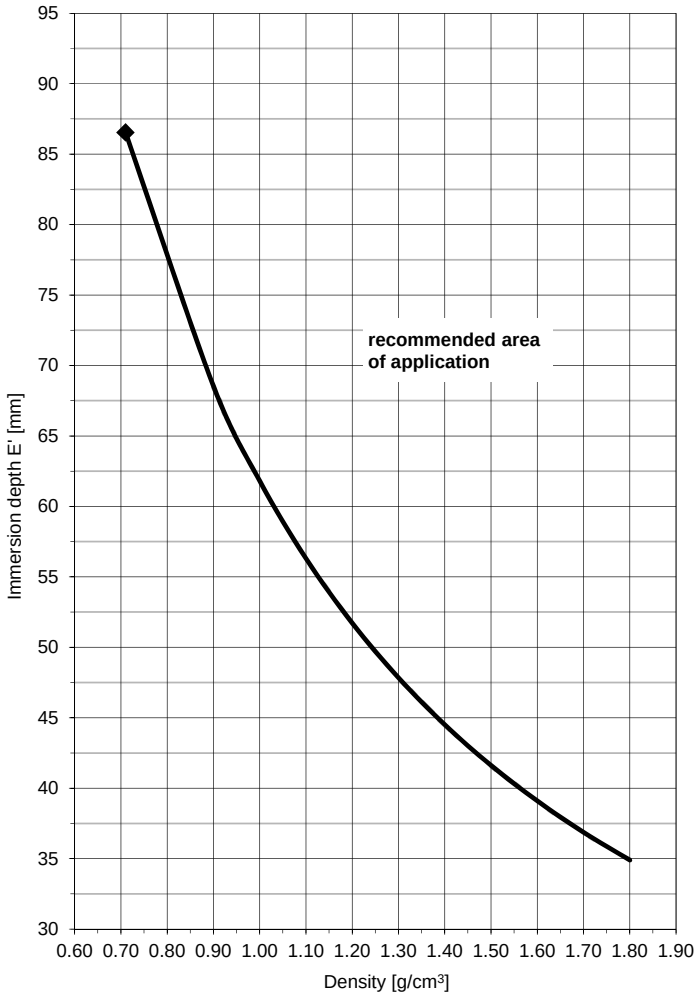
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

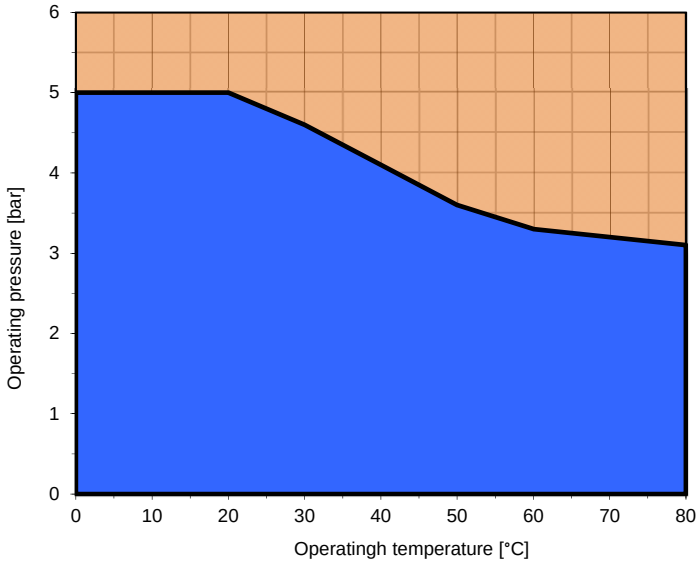
www.weka-ag.ch

Float Ø50x100 PP-H

Type 34748







order reference
34748

technical details

material	PP-H
max. operating pressure *1)	5bar@20 °C
max. test pressure *1)	5bar@20 °C
min. density	0.71g/cm³
pipe min. ID	53/58 mm
theo. immersion depth E	86.5mm = with density 0.71g/cm³
	68.5mm = with density 0.90g/cm³
	61.8mm = with density 1.00g/cm³
	56.3mm = with density 1.10g/cm³
	51.7mm = with density 1.20g/cm³
	47.8mm = with density 1.30g/cm³
	44.5mm = with density 1.40g/cm³
	41.6mm = with density 1.50g/cm³
	39.1mm = with density 1.60g/cm³
	36.9mm = with density 1.70g/cm³
	34.9mm = with density 1.80g/cm³
eff. immersion depth E'	see diagram

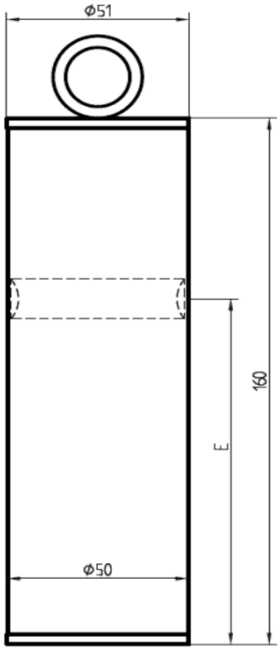
commentary
*1) corresponds max. operating/test pressure in bar

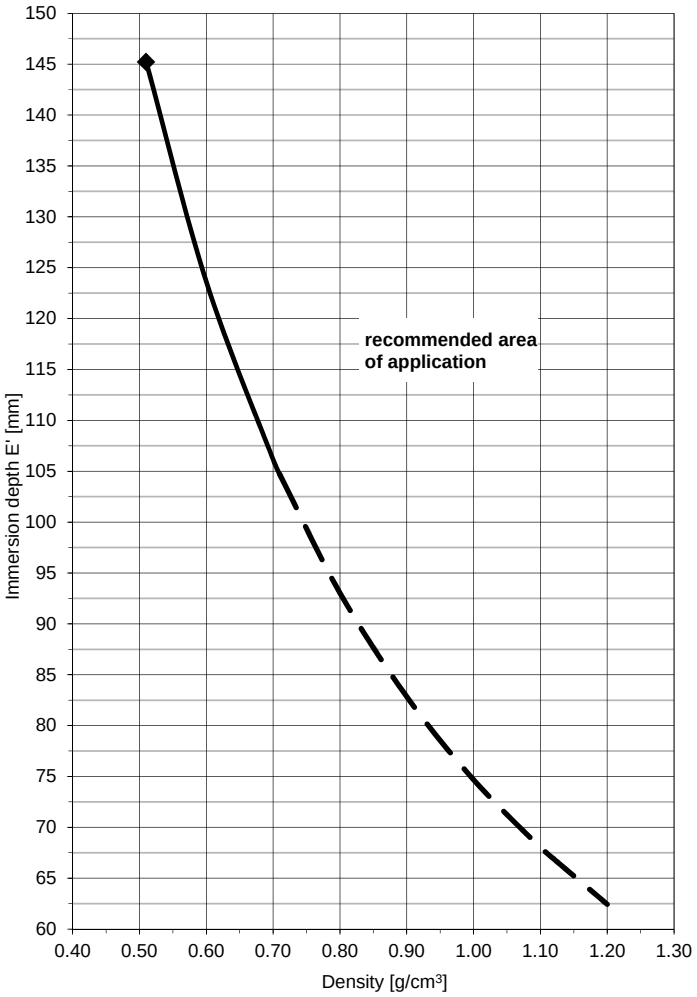
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

Float Ø50x160 PP-H

Type 26620

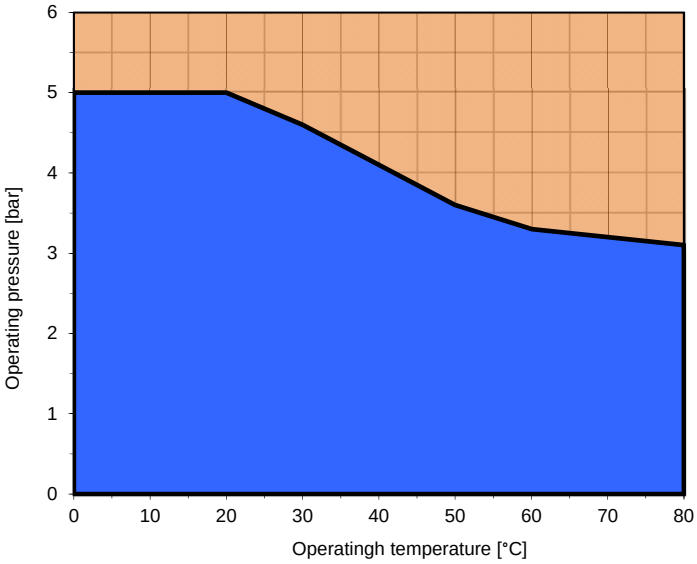




order reference
26620

technical details

material	PP-H
max. operating pressure *1)	5bar@20 °C
max. test pressure *1)	5bar@20 °C
min. density	0.51g/cm³
pipe min. ID	53/58 mm
theo. immersion depth E	145.2mm = with density 0.51g/cm³
	123.6mm = with density 0.60g/cm³
	106.1mm = with density 0.70g/cm³
	104.7mm = with density 0.71g/cm³



eff. immersion depth E' see diagram

commentary
*1) corresponds max. operating/test pressure in bar

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

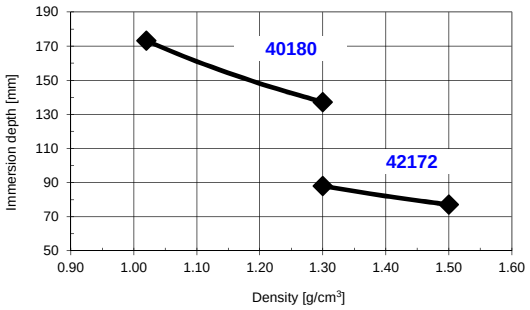
www.weka-ag.ch

Data sheet overview: special floats

page	type	material of float	max. operating/ test pressure	max. temperature range of fluids	min. density of fluids	remarks

Float Ø47

F1	40180	PTFE	20bar@20ºC	-40°Cé +180°C	1.02 g/cm³
F2	42172	PTFE	20bar@20ºC	-40°Cé +180°C	1.30 g/cm³

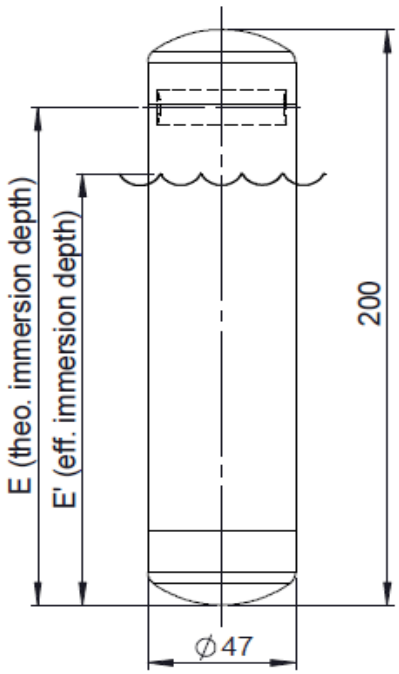


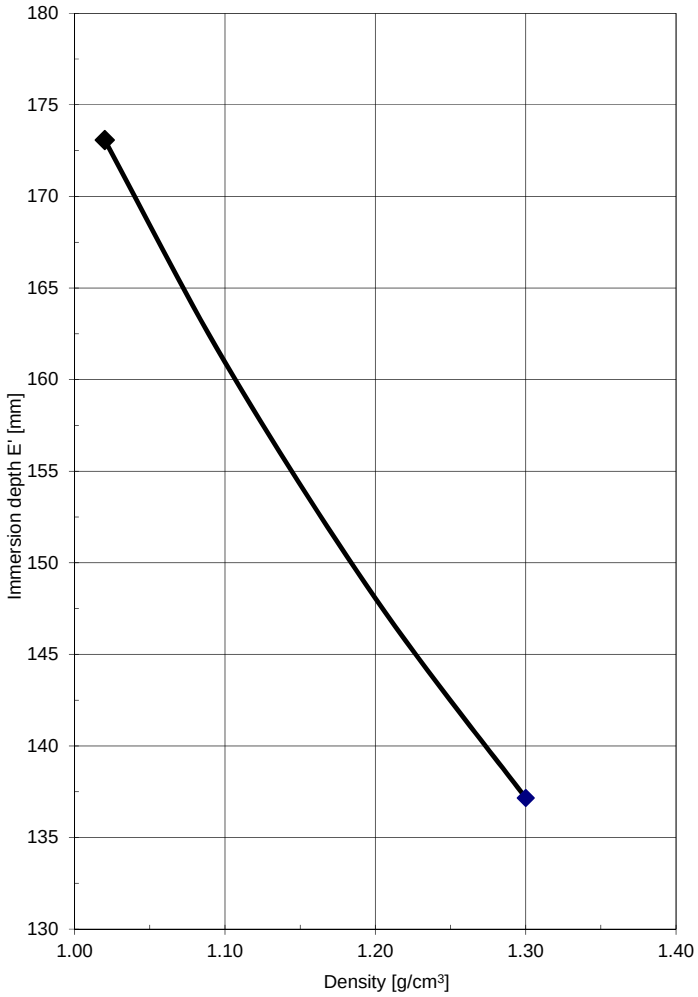
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

PTFE-float Ø47x200

Type 40180

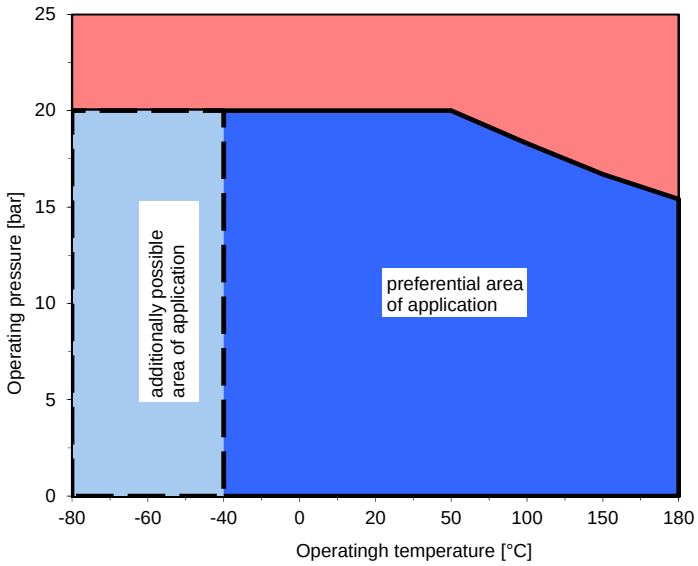




order reference
40180

technical details

material	PTFE
max. operating pressure *1)	20 bar@20 °C
max. test pressure *1)	20 bar@20 °C
min. density	1.02g/cm³
min./max. pipe ID	48/50 mm
theo. Immersion depth E	173.1mm = with density 1.02g/cm³
	161.0mm = with density 1.10g/cm³
	148.1mm = with density 1.20g/cm³
	137.2mm = with density 1.30g/cm³



eff. Immersion depth E' see diagram

Not applicable for explosive zone (ATEX)

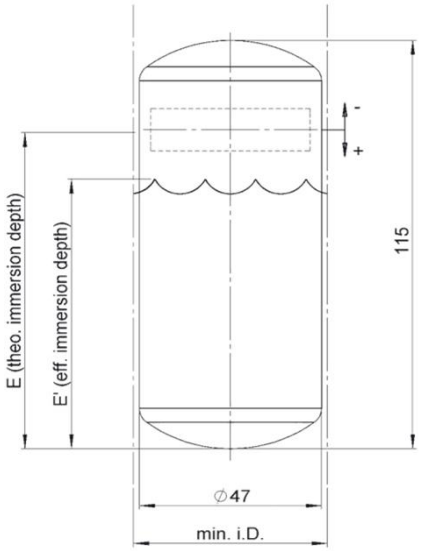
commentary
*1) corresponds max. operating/test pressure in bar

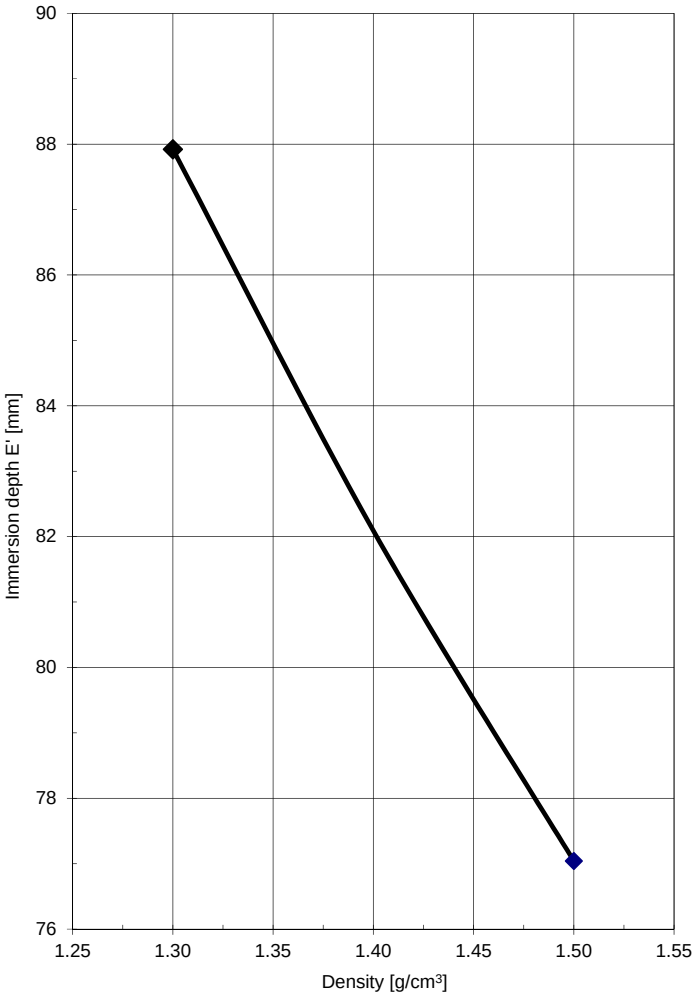
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

PTFE-float Ø47x115

Type 42172

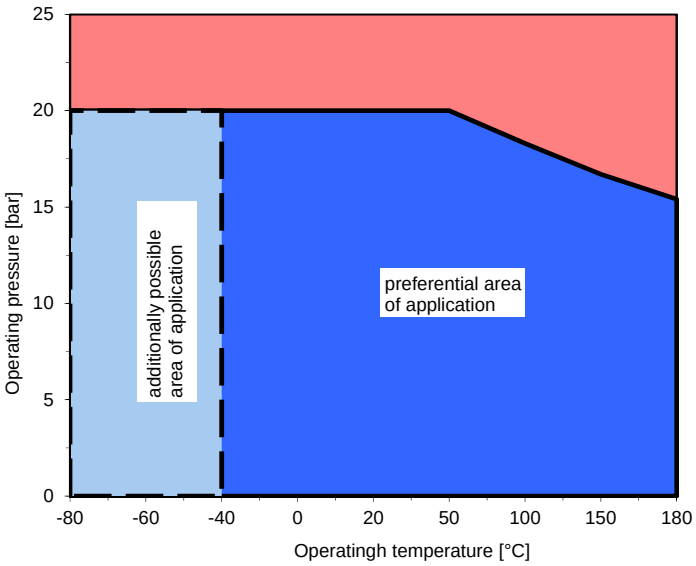




order reference
42172

technical details

material	PTFE
max. operating pressure *1)	20 bar@20 °C
max. test pressure *1)	20 bar@20 °C
min. density	1.30g/cm³
min./max. pipe ID	48/50 mm
theo. Immersion depth E	87.9mm = with density 1.30g/cm³
	82.1mm = with density 1.40g/cm³
	77.0mm = with density 1.50g/cm³



eff. Immersion depth E' see diagram

Not applicable for explosive zone (ATEX)

commentary
*1) corresponds max. operating/test pressure in bar

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

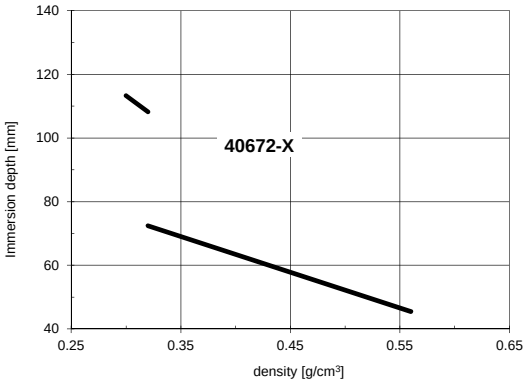
www.weka-ag.ch

Float data sheet overview: radar floats

page	type	material of float	max. operating/ test pressure	max. temperature range of fluids	min. density of fluids	remarks

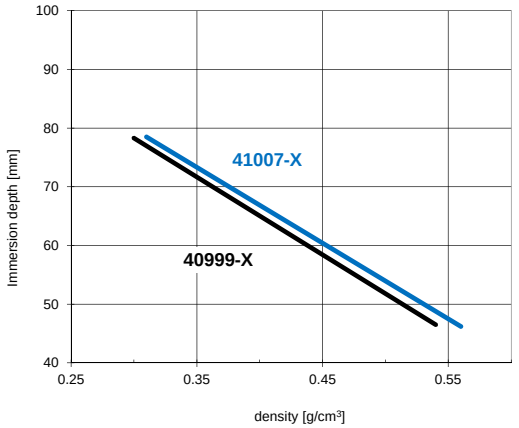
Radar floats Ø45

G1	40672-X	Titan Alloy	80bar@20ºC	-40°Cé +400°C	0.30g/cm³



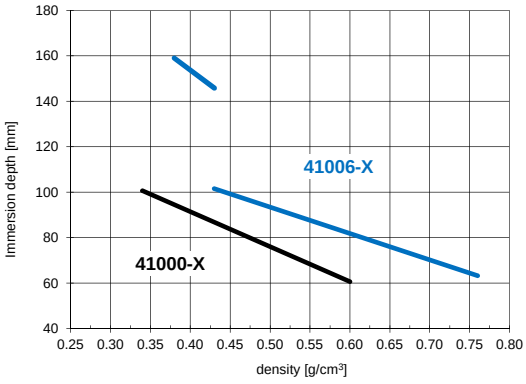
Radar floats Ø48

G2	40999-X	Titan Alloy	100bar@20ºC	-40°Cé +400°C	0.30g/cm³
G3	41007-X	Titan Alloy	100bar@20ºC	-40°Cé +400°C	0.31g/cm³



Radar floats Ø62

G4	41000-X	Titan Alloy	100bar@20ºC	-40°Cé +400°C	0.34g/cm³
G5	41006-X	Titan Alloy	100bar@20ºC	-40°Cé +400°C	0.38g/cm³

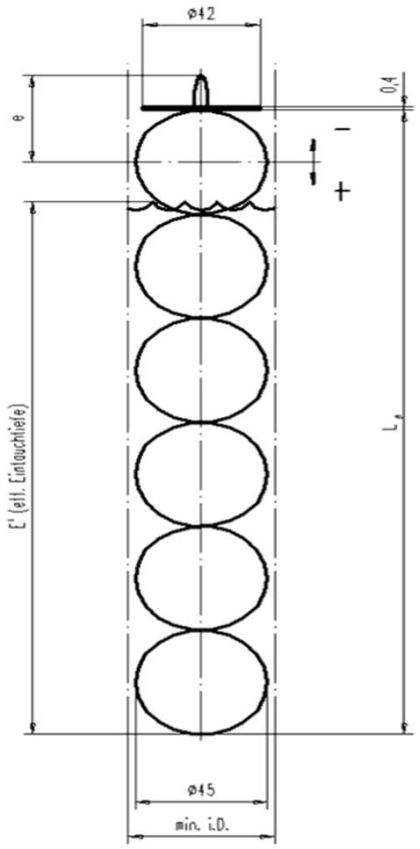


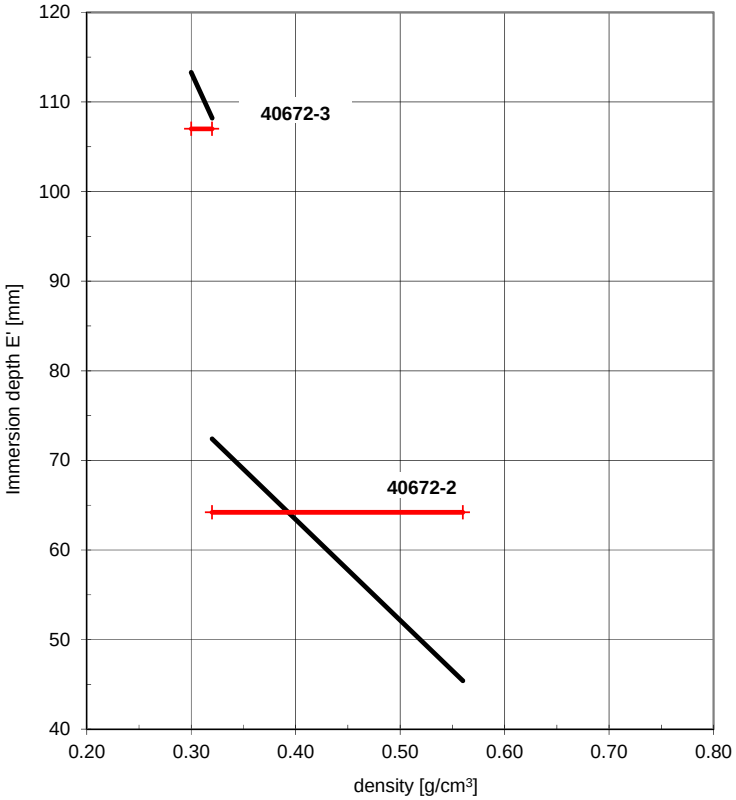
WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

www.weka-ag.ch

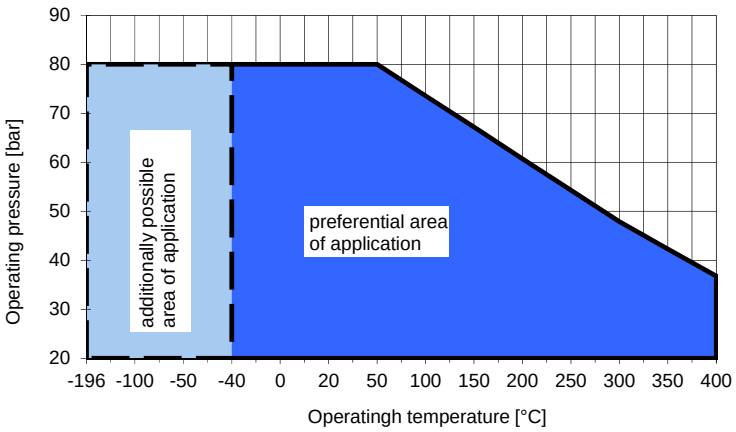
Ball float Ø45x0,4 (with reflection plate)

Type 40672-X





40672-2 *3)		
density	0.56 > ¡ Ó0.32	g/cm³
pipe min./max. ID	29 / 32	mm
theo. immersion depth E	64.2	mm
e	28.0	mm
eff. immersion depth E' *1)	45.4 / 72.4	mm
grid declination *1)	18.8 / -8.2	mm
40672-3 *3)		
density	0.32 > ¡ Ó0.30	g/cm³
pipe min./max. ID	29 / 32	mm
theo. immersion depth E	107.0	mm
e	28.0	mm
eff. immersion depth E' *1)	108.2 / 113.3	mm
grid declination *1)	-1.2 / -6.3	mm



technical details

material	Titan Alloy	
thickness	0.4	mm
max. operating pressure	80	bar@20 °C
max. test pressure	80	bar@20 °C
min. density	0.30	g/cm³
lenght L_n (**X** * 42.8)	é	mm

For lower densities floats with additional balls as well as interface float is possible on request

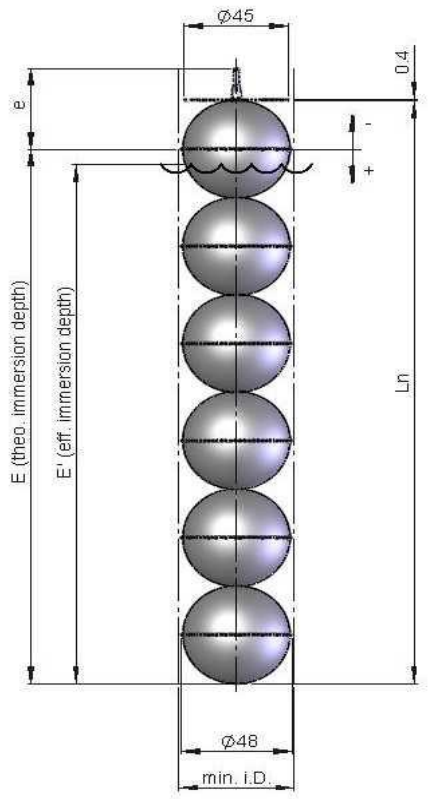
commentary

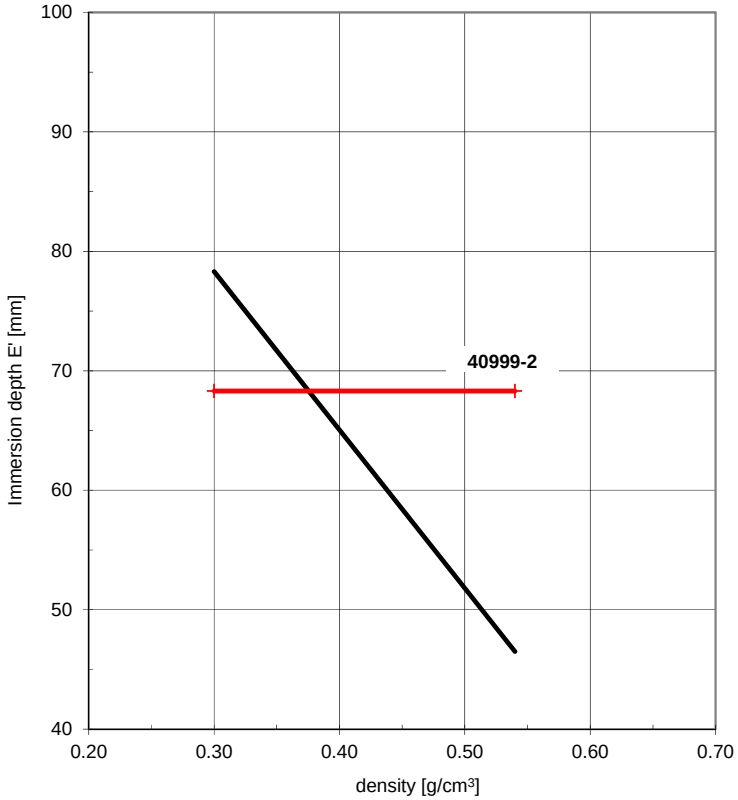
*1) see diagram
*2) other pipe diameters on request possible
*3) Part code 34501-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

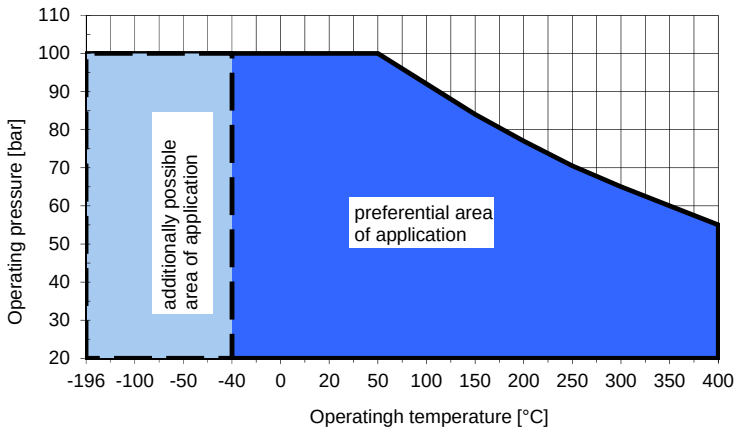
www.weka-ag.ch

Ball float Ø48x0,4 (with reflection plate) Type 40999-X





40999-2 *3)		
density	0.54 > ¡ Ó0.3	g/cm³
pipe min./max. ID	50 / 54	mm
theo. immersion depth E	68.3	mm
e	38.0	mm
eff. immersion depth E' *1)	46.5 / 78.3	mm
grid declination *1)	21.8 / -10	mm



technical details

material	Titan Alloy	
thickness	0.4	mm
max. operating pressure	100	bar@20 °C
max. test pressure	100	bar@20 °C
min. density	0.30	g/cm³
lenght L_n (**X** * 45.5)	é	mm

For lower densities floats with additional balls as well as interface float is possible on request

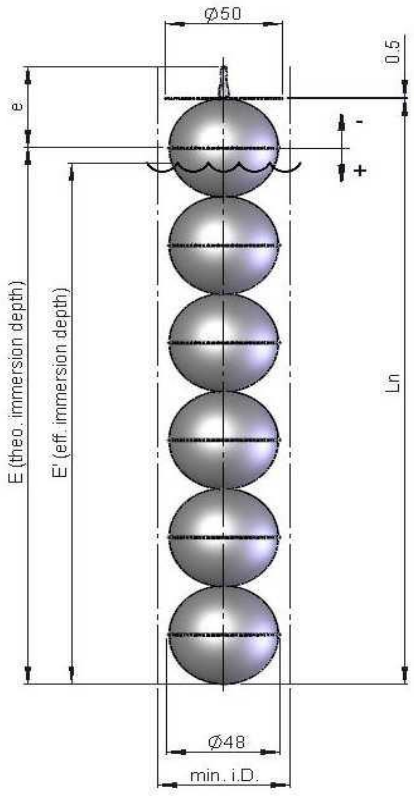
commentary

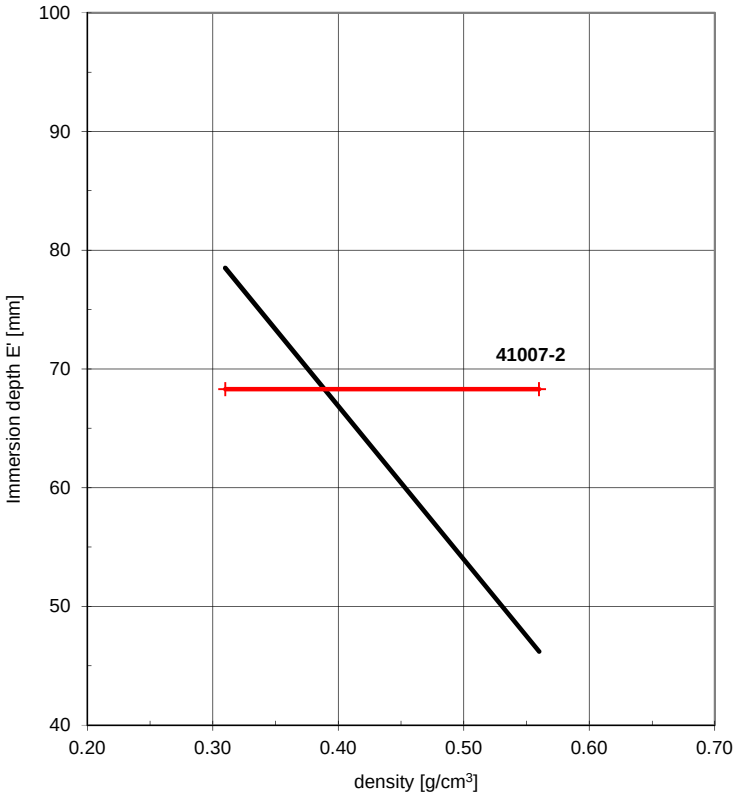
*1) see diagram
*2) other pipe diameters on request possible
*3) Part code 34501-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

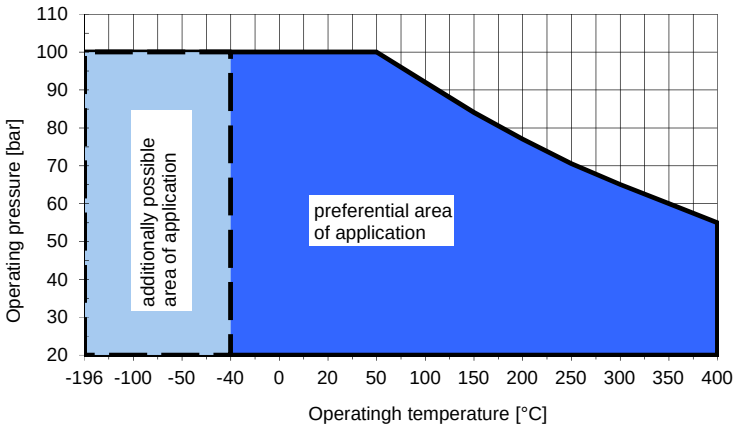
www.weka-ag.ch

Ball float Ø48x0,4 (with reflection plate) Type 41007-X





41007-2 *3)		
density	0.56 > ¡ Ó0.31	g/cm³
pipe min./max. ID	56 / 60	mm
theo. immersion depth E	68.3	mm
e	38.0	mm
eff. immersion depth E' *1)	46.2 / 78.5	mm
grid declination *1)	22.1 / -10.2	mm



technical details

material	Titan Alloy	
thickness	0.4	mm
max. operating pressure	100	bar@20 °C
max. test pressure	100	bar@20 °C
min. density	0.31	g/cm³
lenght L_n (**X** * 45.5)	é	mm

For lower densities floats with additional balls as well as interface float is possible on request

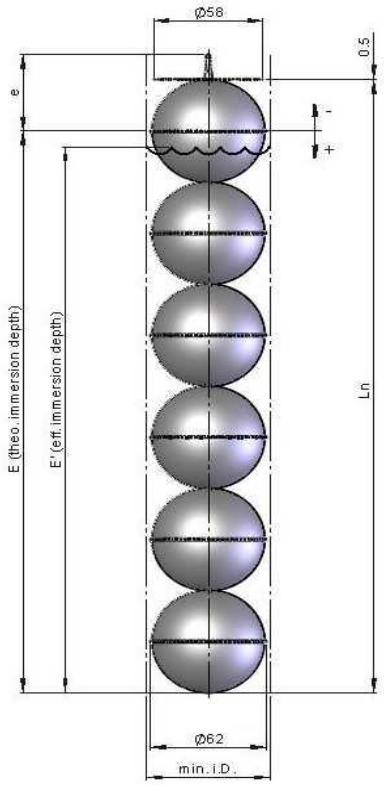
commentary

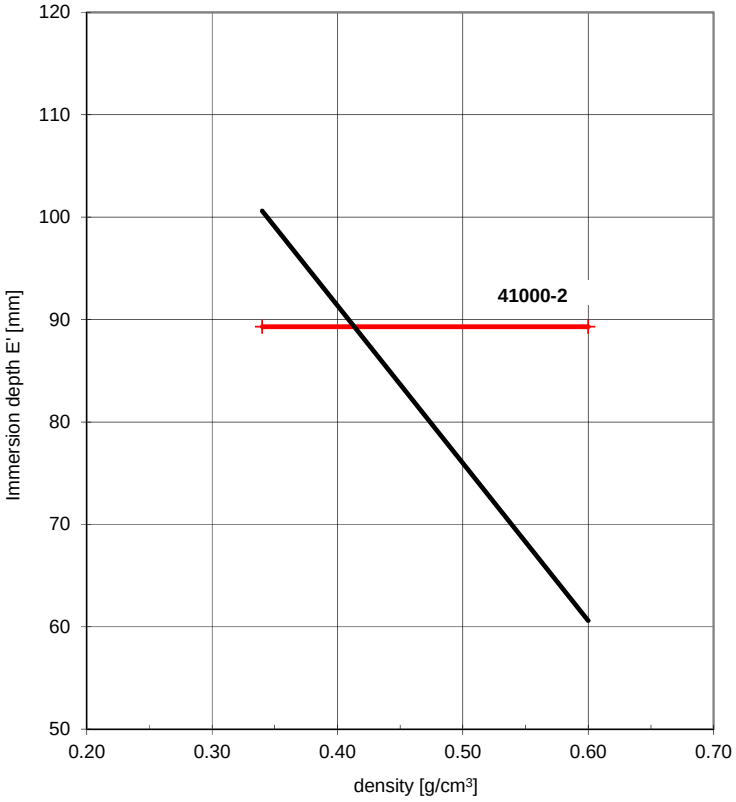
*1) see diagram
*2) other pipe diameters on request possible
*3) Part code 34501-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

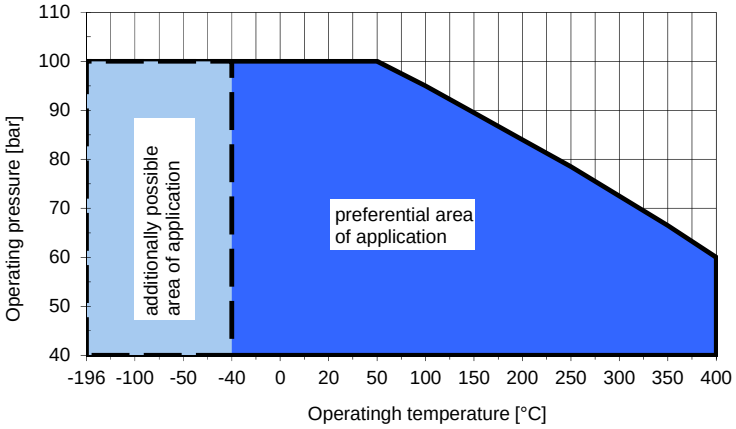
www.weka-ag.ch

Ball float Ø62x0,62 (with reflection plate) Type 41000-X





41000-2 *3)		
density	0.6 > ¡ Ó0.34	g/cm³
pipe min./max. ID	66 / 70	mm
theo. immersion depth E	89.3	mm
e	45.0	mm
eff. immersion depth E' *1)	60.6 / 100.6	mm
grid declination *1)	28.7 / -11.3	mm



technical details

material	Titan Alloy	
thickness	0.62	mm
max. operating pressure	100	bar@20 °C
max. test pressure	100	bar@20 °C
min. density	0.34	g/cm³
lenght L_n (**X** * 59.5)	é	mm

For lower densities floats with additional balls as well as interface float is possible on request

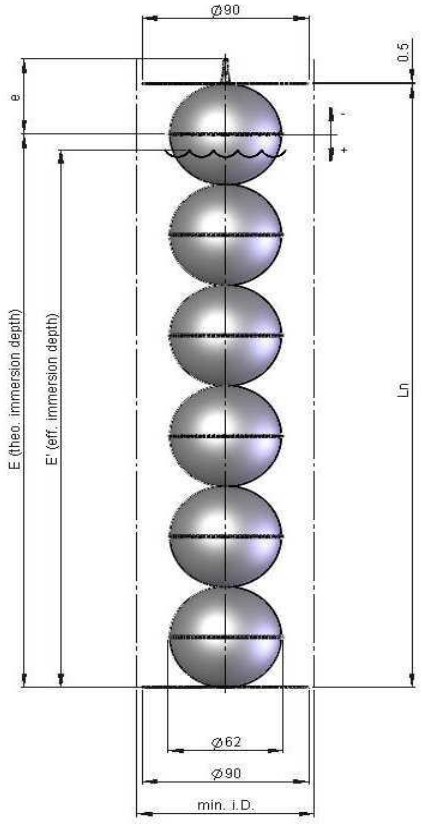
commentary

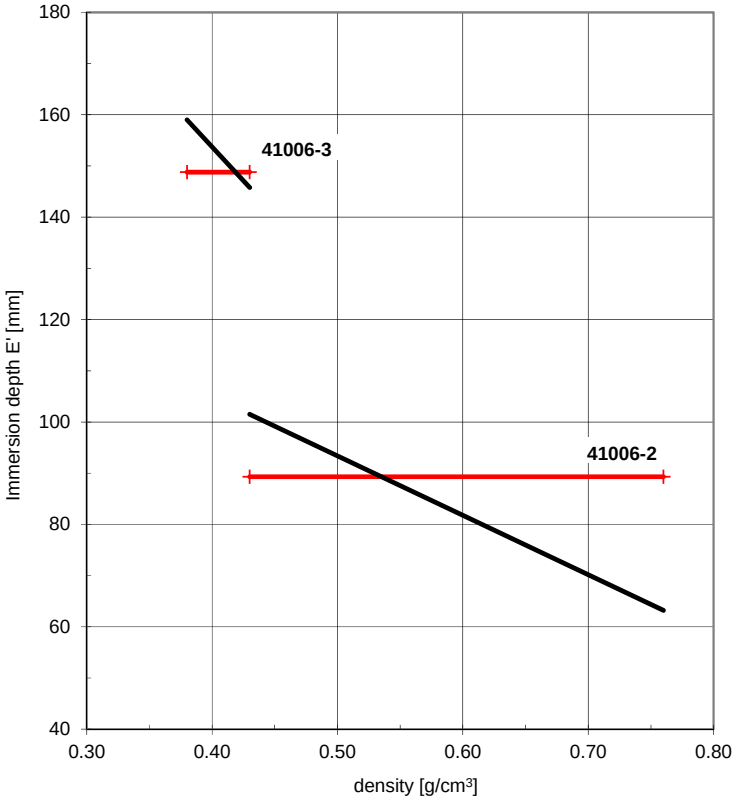
*1) see diagram
*2) other pipe diameters on request possible
*3) Part code 34501-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch

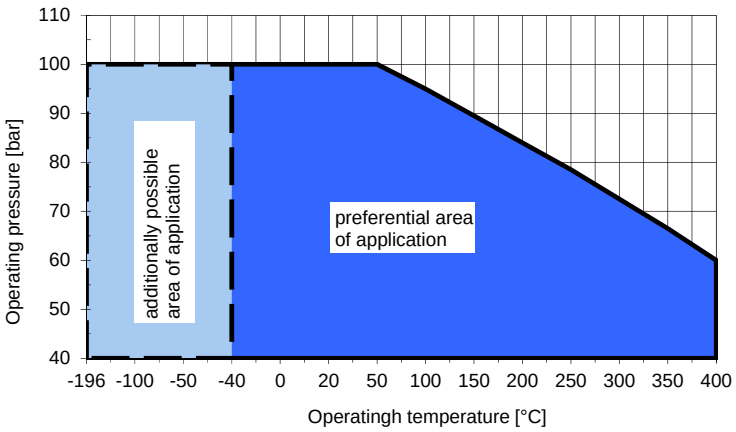
www.weka-ag.ch

Ball float Ø62x0,62 (with reflection plate) Type 41006-X





41006-2 *3)		
density	0.76 > ¡ Ó0.43	g/cm³
pipe min./max. ID	96 / 100	mm
theo. immersion depth E	89.3	mm
e	45.0	mm
eff. immersion depth E' *1)	63.2 / 101.5	mm
grid declination *1)	26.1 / -12.2	mm
41006-3 *3)		
density	0.43 > ¡ Ó0.38	g/cm³
pipe min./max. ID	96 / 100	mm
theo. immersion depth E	148.8	mm
e	45.0	mm
eff. immersion depth E' *1)	145.8 / 159	mm
grid declination *1)	3 / -10.2	mm



technical details

material	Titan Alloy	
thickness	0.62	mm
max. operating pressure	100	bar@20 °C
max. test pressure	100	bar@20 °C
min. density	0.38	g/cm³
lenght L_n (**X** * 59.5)	é	mm

For lower densities floats with additional balls as well as interface float is possible on request

commentary

*1) see diagram
*2) other pipe diameters on request possible
*3) Part code 34501-**X** = number of balls

WEKA AG - Schürlistrasse 8 - CH-8344 Bäretswil
Fon ++41 (0)43 833 43 43
info@weka-ag.ch - www.weka-ag.ch