Filtri flangiabili / *Flangible filters*

I filtri appartenenti a questa tipologia sono da montarsi sulla linea di ritorno semi immersi nel serbatoio.
Tutti i filtri sono provvisti di valvola by-pass.
These filters are for installation on the return line. Semi-submerged in the tank. All filters are complete with by-pass valve.

Temperatura di esercizio / *Operating Temperature*	
con guarnizioni in NBR / *with NBR seals*	-30 ÷ 90° C
Compatibilità con i fluidi secondo ISO 2943 (Norma ISO 6743/4) *Fluid compatibility conforming to ISO 2943 (Norm ISO 6743/4)*	
oli minerali con guarnizioni in NBR / *oil mineral with NBR seals*	HH - HL - HM - HR - HV - HG
emulsioni acquose con guarnizioni in NBR / *water emulsions with NBR seals*	HFAE - HFAS
Pressione / *Pressure*	
massima di lavoro / *working pressure*	8 bar
di prova / *testing pressure*	12 bar
di scoppio / *burst pressure*	16 bar
di collasso del setto filtrante (secondo ISO 2941) / *element collapse pressure rating (conforming to ISO 2941)*	10 bar
Valvola di by-pass / *By-pass valve*	
taratura della pressione differenziale di apertura / *by-pass setting*	1,7 bar

DEFINIZIONI / *DEFINITION*

Rapporto "β_x" secondo norma ISO 4572/*Ratio "β_x" according to ISO 4572:*

$$\beta_x \geq \frac{\text{Numero di particelle a monte del filtro di dimensione "x" µm}\ /\ \textit{Upstream particles with dimensions "x" µm}}{\text{Numero di particelle a valle del filtro di dimensione "x" µm}\ /\ \textit{Downstream particles with dimensions "x" µm}}$$

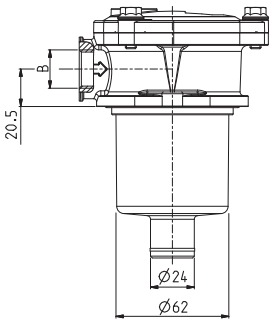
dove "x" è la dimensione di riferimento della particella espressa in µm
where "x" stands for particle size in µm

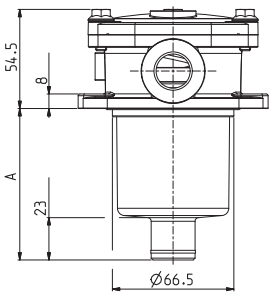
$$\text{Efficienza \% / } \textit{Filtration Efficiency} = \frac{(\text{Rapporto/}\textit{Ratio}\ \beta - 1)}{(\text{Rapporto/}\textit{Ratio}\ \beta)} \times 100$$

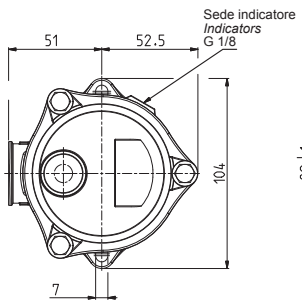
Valori *Values*	**Efficienza** *Efficiency*
"β"	**%**
≥ 2	50
≥ 20	95
≥ 50	98
≥ 75	98,7
≥ 100	99
≥ 200	99,5

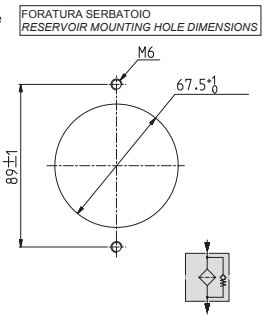
Flangia / *Flange* F











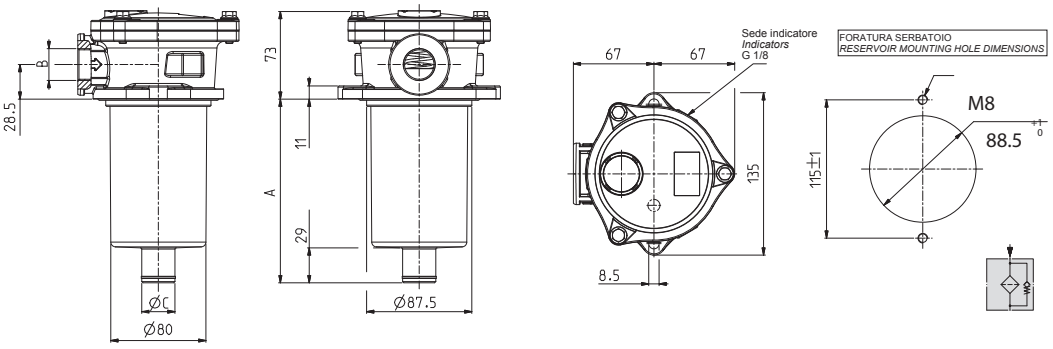
Kit guarnizioni/Seal kit: 118-902-00161

Interasse *Distance between the holes*	**Filtrazione** *Filter*	**β**	**Portata** *Displacement* l/min	**Codice** *Code*	**A** mm	**B** BSPP	**Cartuccia** *Cartridge*
90	Acciaio / *Steel* 90 µm		55	**11800100303**	83	G 1/2	11800200302
	Acciaio / *Steel* 60 µm		45	**11800101302**			11800201301
	Cellulosa rinforzata / *Reinforced cellulose* 25 µm	β_{25}>2	45	**11800102301**			11800202300
	Cellulosa rinforzata / *Reinforced cellulose* 10 µm	β_{10}>2	25	**11800103300**			11800203309
	Microfibra / *Micro-fibre glass* 25 µm	β_{25}>200	25	**11800104309**			11800204308

Flangia / *Flange* F4

Kit guarnizioni/Seal kit: 11890200170



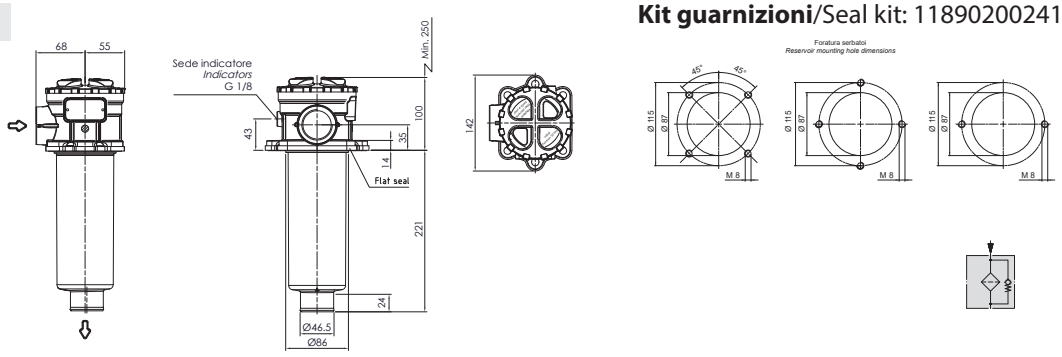


Interasse *Distance between the holes*	Filtrazione *Filter*	β	Portata *Displacement* l/min	Codice *Code*	A mm	B BSPP	C mm	Cartuccia *Cartridge*
115	Acciaio / *Steel* 90 µm		90	**11800100358**	108	G 3/4	27,5	11800200357
	Acciaio / *Steel* 90 µm		105	**11800100401**	154	G 1	27,5	11800200400
	Acciaio / *Steel* 60 µm		85	**11800101357**	108	G 3/4	27,5	11800201356
	Acciaio / *Steel* 60 µm		100	**11800101400**	154	G 1	27,5	11800201409
	Acciaio / *Steel* 60 µm		145	**11800101437**	237	G 1	40	11800201436
	Acciaio / *Steel* 60 µm		170	**11800101446**	317	G 1	40	11800201454
	Acciaio / *Steel* 60 µm		170	**11800101455**		G 1 1/4	40	11800201454
	Acciaio / *Steel* 60 µm		200	**11800101482**		G 1	40	11800201481
	Cellulosa rinforzata / *Reinforced cellulose* 25 µm	β_{25}>2	75	**11800102356**	108	G 3/4	27,5	11800202355
	Cellulosa rinforzata / *Reinforced cellulose* 25 µm		100	**11800102409**	154	G 1	27,5	11800202408
	Cellulosa rinforzata / *Reinforced cellulose* 25 µm		160	**11800102436**	237	G 1	40	11800212175
	Cellulosa rinforzata / *Reinforced cellulose* 25 µm		175	**11800102445**	317	G 1	40	11800202453
	Cellulosa rinforzata / *Reinforced cellulose* 25 µm		175	**11800102454**		G 1 1/4	40	11800202453
	Microfibra / *Micro-fibre glass* 25 µm	β_{25}>200	55	**11800104354**	108	G 3/4	27,5	11800204353
	Microfibra / *Micro-fibre glass* 25 µm		75	**11800104407**	154	G 1	27,5	11800204406
	Cellulosa rinforzata / *Reinforced cellulose* 10 µm	β_{10}>2	55	**11800103355**	108	G 3/4	27,5	11800203354
	Cellulosa rinforzata / *Reinforced cellulose* 10 µm		75	**11800103408**	154	G 1	27,5	11800203407
	Cellulosa rinforzata / *Reinforced cellulose* 10 µm		135	**11800103453**	317	G 1	40	11800203452

Flangia / *Flange* F4

Kit guarnizioni/Seal kit: 11890200241

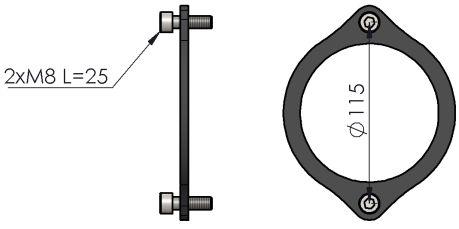




Interasse *Distance between the holes*	Filtrazione *Filter*	β	Portata *Displacement* l/min	Codice *Code*	B BSPP	Cartuccia *Cartridge*
115	Rete metallica 60 micron / *Metallic net* 60 µm		250	**11800101571**	G 1 1/4	11800201571
	Microfibra 25 / *Micro-fibre glass* 25 µm	β_{25}>200	130	**11800104904**		11800204904
	Cellulosa rinforzata / *Reinforced cellulose* 10 µm	β_{10}>2	170	**11800103677**		11800203677

Kit montaggio filtro flangia / *Flanged filter mounting kit*

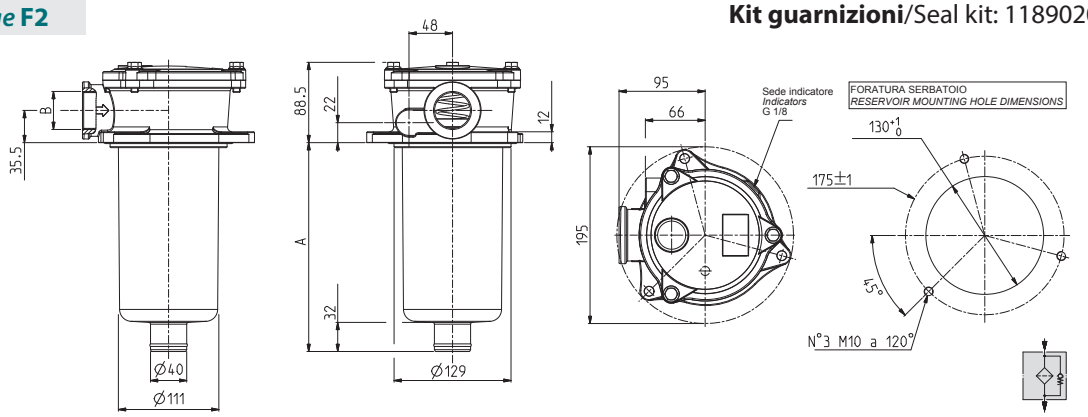
11891200016: Kit montaggio filtro flangiato **2x115**
Flanged filter mounting kit



Flangia / *Flange* F2

Kit guarnizioni/Seal kit: 11890200189

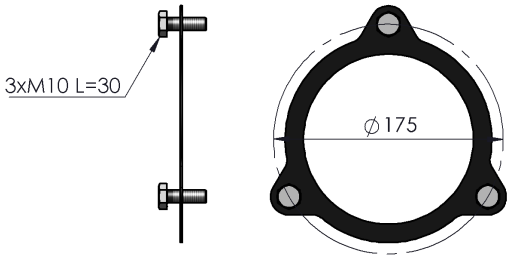




Interasse *Distance between the holes*	Filtrazione *Filter*	β	Portata *Displacement* l/min	Codice *Code*	A mm	B BSPP	Cartuccia *Cartridge*
175	Acciaio / *Steel* 90 µm		270	**11800100509**	230	G 1 1/4	11800200508
	Acciaio / *Steel* 60 µm		260	**11800101508**			11800201507
	Cellulosa rinforzata / *Reinforced cellulose* 25 µm	β_{25}>2	270	**11800102507**			11800202506
	Cellulosa rinforzata / *Reinforced cellulose* 10 µm	β_{10}>2	220	**11800103506**			11800203505
	Microfibra / *Micro-fibre glass* 25 µm	β_{25}>200	220	**11800104505**			11800204504

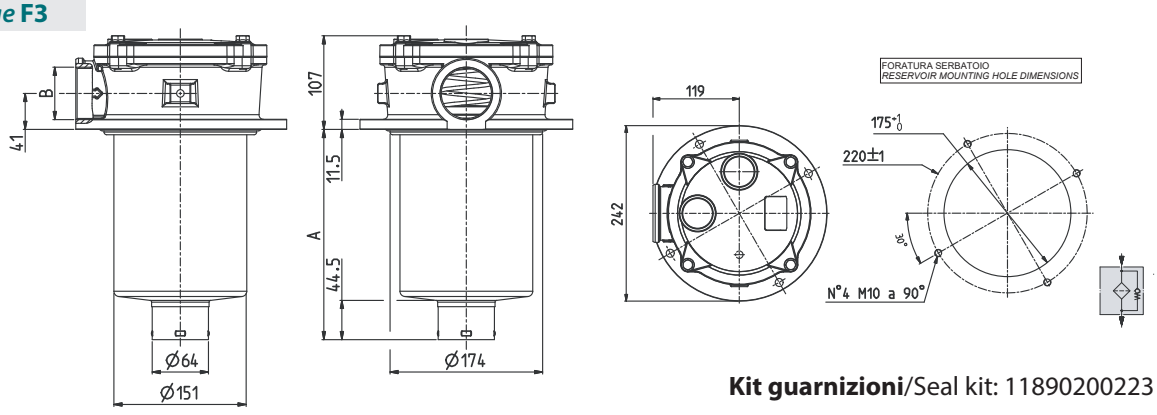
Kit montaggio filtro flangia / *Flanged filter mounting kit*

11891200025: Kit montaggio filtro flangiato **3x175**
Flanged filter mounting kit



Flangia / *Flange* F3

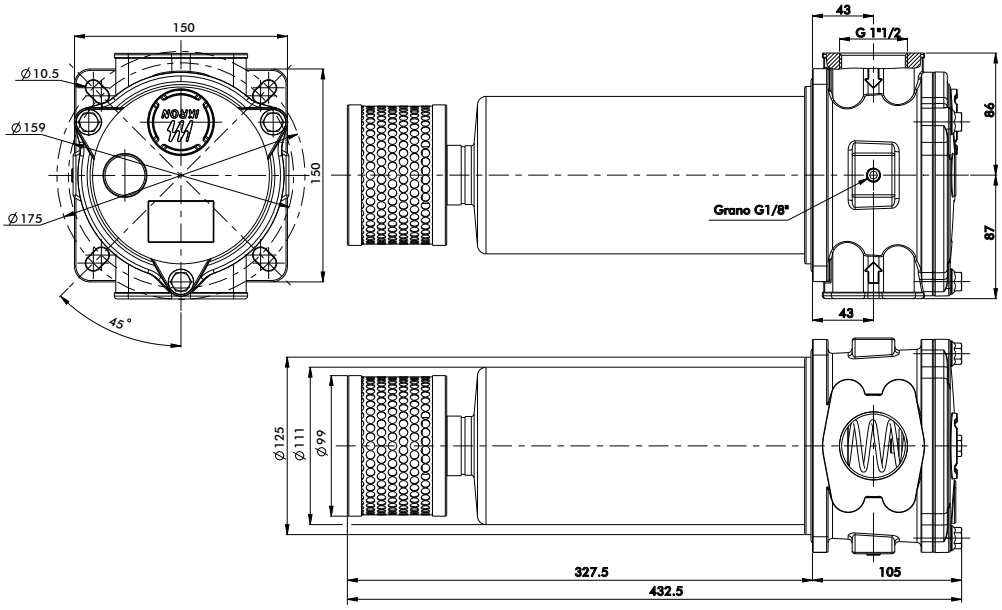




Kit guarnizioni/Seal kit: 11890200223

Interasse *Distance between the holes*	Filtrazione *Filter*	β	Portata *Displacement* l/min	Codice *Code*	A mm	B BSPP	Cartuccia *Cartridge*
220	Cellulosa rinforzata / *Reinforced cellulose* 25 µm	β_{25}>2	570	**11800102605**	299	G 2	11800202604





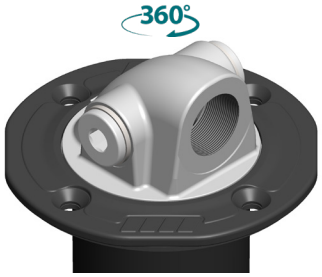
Interasse *Distance between the holes*	**Filtrazione** *Filter*	**β**	**Portata** *Displacement*	**Codice filtro** *Filter code*	**Guarnizione** *Gasket*	**Cartuccia** *Cartridge*
159/175	Microfibra / *Micro-fibre glass* 10 µm	β_{25}>200	230 l/min	**11800000126**	**11890200278**	**11800200071**



Interasse *Distance between the holes*	**Filtrazione** *Filter*	**β**	**Portata** *Displacement*	**Codice filtro** *Filter code*	**Guarnizione** *Gasket*	**Cartuccia** *Cartridge*
159/175	Microfibra / *Micro-fibre glass* 10 µm	β_{25}>200	310 l/min	**11800000135**	**11890200278**	**11800200080**

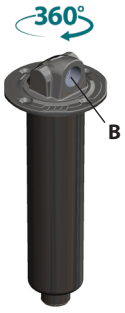
Calotta multifunzione orientabile / *Multifunctional adjustable return system cap*

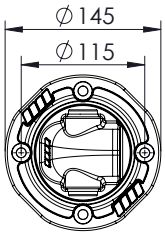
La particolarità di questo prodotto è che la bocca da G1, a cui viene collegato il tubo di scarico degli impianti, può essere orientata in qualsiasi posizione sui 360° consentiti.
The peculiarity of this product is that the G1 port to which the return line of the systems is connected, can be oriented in any position of 360 º allowed.

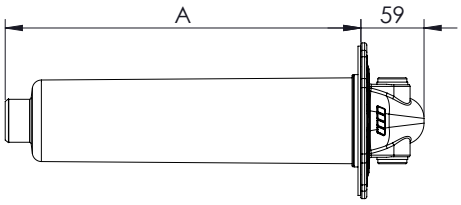


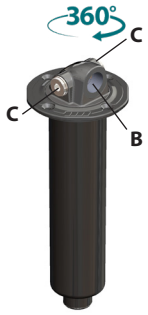
CALOTTA SENZA CARTUCCIA FILTRO CAP WITHOUT FILTER CARTRIDGE

Flangia / *Flange* F4





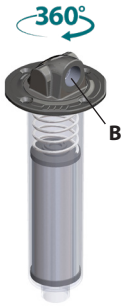


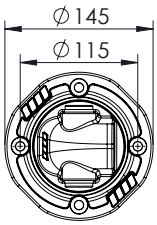


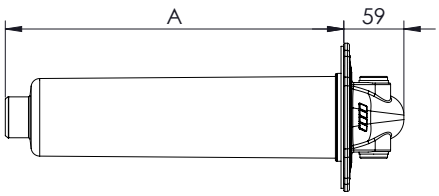
Codice *Code*	A	B	C	Ricambi / *Spare parts*			
				Contenitore *Plastic recipient*	Calotta *Cap*	Anello calotta *Cap ring*	Guarnizione *Gasket*
13590400341	330	G 1		50900001859	54600250010	49211020010	50600003022
13590400350		G 1	G 1/2		54600250029		
13590400369	165	G1		50900001902	54600250010		
13590400378		G1	G 1/2		54600250029		

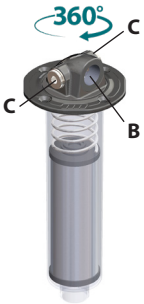
CALOTTA CON CARTUCCIA FILTRO CAP WITH FILTER CARTRIDGE

Flangia / *Flange* F4









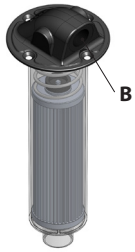
Calotta senza drenaggi *Cap without ports* **Caratteristiche tecniche** *Technical features*	Codice *Code*	A	B	Ricambi / *Spare parts*				
				Contenitore *Plastic recipient*	Cartuccia *Cartridge*	Calotta *Cap*	Anello calotta *Cap ring*	Guarnizione *Gasket*
60 µm (acciaio/*steel*) 200 lt	**11800125519**	330	G 1	50900001859	11800211176	54600250010	49211020010	50600003022
25 µm (cellulosa/*cellulose*) 160 lt	**11800125528**				11800212175			
25 µm (fibra/*fiber*) 160 lt	**11800125537**				11800212193			
60 µm (acciaio/*steel*) 90 lt	**11800125715**	165		50900001902	11800201356			
25 µm (cellulosa/*cellulose*) 60 lt	**11800125724**				11800202355			
25 µm (fibra/*fiber*) 60 lt	**11800125733**				11800204353			

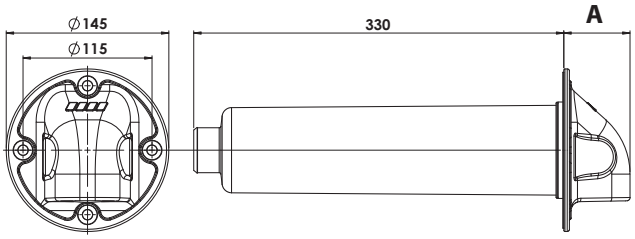
Calotta con drenaggi *Cap with ports* **Caratteristiche tecniche** *Technical features*	Codice *Code*	A	B	C	Ricambi / *Spare parts*				
					Contenitore *Plastic recipient*	Cartuccia *Cartridge*	Calotta *Cap*	Anello calotta *Cap ring*	Guarnizione *Gasket*
60 µm (acciaio/*steel*) 200 lt	**11800125546**	330	G 1	G 1/2	50900001859	11800211176	54600250029	49211020010	50600003022
25 µm (cellulosa/*cellulose*) 160 lt	**11800125555**					11800212175			
25 µm (fibra/*fiber*) 160 lt	**11800125564**					11800212193			
60 µm (acciaio/*steel*) 90 lt	**11800125742**	165			50900001902	11800201356			
25 µm (cellulosa/*cellulose*) 60 lt	**11800125751**					11800202355			
25 µm (fibra/*fiber*) 60 lt	**11800125760**					11800204353			

Calotta multifunzione / *Multifunctional return system cap*

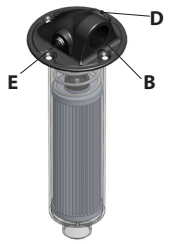
CALOTTA CON CARTUCCIA FILTRO CAP WITH FILTER CARTRIDGE

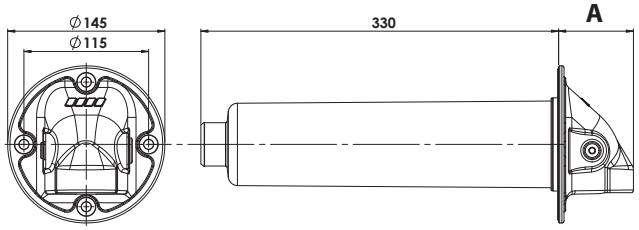
Flangia / *Flange* F4





Cartuccia *Cartridge*	**Codice** *Code*	**A**	**B**	**Ricambi /** *Spare parts*			
				Contenitore *Plastic recipient*	**Cartuccia** *Cartridge*	**Calotta** *Cap*	**Guarnizione** *Gasket*
60 µm (acciaio/*steel*) 200 lt	**11800120050**	69	G 1-1/4	50900001859	11800211176	54600200047V	50600003022
25 µm (cellulosa/*cellulose*) 160 lt	**11800120069**				11800212175		
25 µm (fibra/*fiber*) 160 lt	**11800120087**				11800212193		

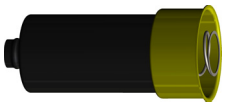


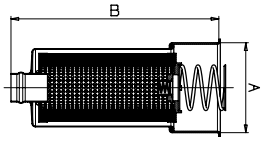


Cartuccia *Cartridge*	**Codice** *Code*	**A**	**B**	**D**	**E**	**Ricambi /** *Spare parts*			
						Contenitore *Plastic recipient*	**Cartuccia** *Cartridge*	**Calotta** *Cap*	**Guarnizione** *Gasket*
60 µm (acciaio/*steel*) 200 lt	**11800120158**	69	G 1-1-4	G 1/2	G 1/8	50900001859	11800211176	54600200056V	50600003022
	11800120201				G 1/2			54600200092V	
10 µm (cellulosa/*cellulose*) 160 lt	**11800120247**						11800212219	54600200092V	
25 µm (cellulosa/*cellulose*) 160 lt	**11800120167**	69	G 1-1/4		G 1/8		11800212175	54600200056V	
	11800120194				G 1/2			54600200092V	
25 µm (fibra/*fiber*) 160 lt	**11800120185**		G 1-1/4		G 1/8		11800212193	54600200056V	

Filtro immerso / *Submerged filter*

I filtri appartenenti a questa tipologia sono da montarsi su serbatoi con flangia in abbinamento a piastre di montaggio per deviatori.
These filters have to be fitted in combination with flange in combination with mounting plates for diverters.

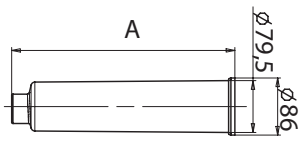




Codice di ordinazione *Order code*	**Tipo flangia** *Flange type*	**Portata** *Displacement*	**Filtrazione** *Filter*		**Temperatura di esercizio** *Operating temperature*	**A**	**B**	**Pressione massima di esercizio** *Max. operating pressure*	**Pressione di collaudo** *Testing pressure*	**Apertura valvola by-pass** *By-pass valve opening*	**Pressione di collasso elementi filtranti** *Filter element collapse pressure*	**Cartuccia di ricambio** *Spare cartridge*
		l/min	*µm*	*ß*	*°C*	*mm*	*mm*	*bar*	*bar*	*Δp bar*	*bar*	
Flangia / *Flange* F1												
11800111159	115	100	60		25÷110	89	207	3	6	1,5±9%	10	11800201150 acciaio/*steel*
11800112158		72	30	2								11800202159 cellulosa rinforzata/*reinforced cellulose*
11800111186		200	60	2		89	294					11800211176 acciaio/*steel*
11800112185		140	25									11800212175 cellulosa rinforzata/*reinforced cellulose*
Flangia / *Flange* F2												
11800111757	175	180	60		-25÷110	127	304	3	6	1,5±9%	10	11800201203 acciaio/*steel*
11800112756		130	30	2								11800202202 cellulosa rinforzata/*reinforced cellulose*

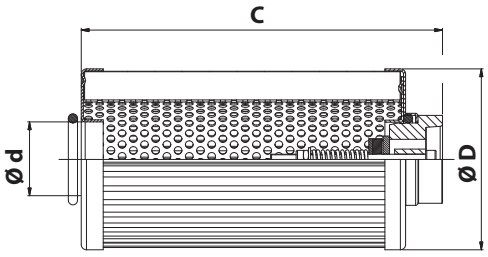
I filtri appartenenti a questa tipologia sono da montarsi su serbatoi con flangia **F4** in abbinamento a piastre di montaggio per deviatori.
*These filters have to be fitted in combination with flange **F4** in combination with mounting plates for diverters.*

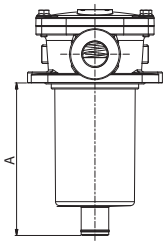




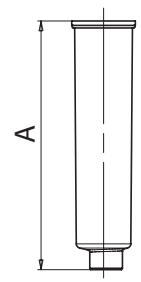
Codice di ordinazione *Order code*	**Tipo flangia** *Flange type*	**A**	**Portata** *Displacement*	**Filtrazione** *Filter*		**Temperatura di esercizio** *Operating temperature*	**Pressione massima di esercizio** *Max. operating pressure*	**Pressione di collaudo** *Testing pressure*	**Apertura valvola by-pass** *By-pass valve opening*	**Pressione di collasso elementi filtranti** *Filter element collapse pressure*	**Cartuccia di ricambio** *Spare cartridge*
			l/min	µm	ß 25	°C	bar	bar	Δp bar	bar	
Flangia / *Flange* F4											
11800111177	115	330	200	60		-25÷110	8	12	1,7±10%	10	11800211176 acciaio/*steel*
11800112176			160	25	2						11800212175 cellulosa rinforzata/*reinforced cellulose*
11800112194			160	25	200						11800212193 microfibra/*microfiber*
11800111195		162	90	60							11800201356 acciaio/*steel*
11800112210			60	25	2						11800202355 cellulosa rinforzata/*reinforced cellulose*
11800112229			60	25	200						11800204353 microfibra/*microfiber*

Cartucce / *Cartridge*





Idonee per filtri *Suitable for filters*	**Cartuccia** *Cartridge*	**Filtrazione** *Filter*	Ø **d** mm	Ø **D** mm	**C** mm	**β**	**Efficienza** *Efficiency*
Interasse ***Distance between the holes* 90**	11800200302	Acciaio / *Steel* 90 µm	26	52	75		
	11800201301	Acciaio / *Steel* 60 µm					
	11800202300	Cellulosa rinforzata / *Reinforced cellulose* 25 µm				$\beta_{25}>2$	50 %
	11800203309	Cellulosa rinforzata / *Reinforced cellulose* 10 µm				$\beta_{10}>2$	50 %
	11800204308	Microfibra / *Micro-fibre glass* 25 µm				$\beta_{25}>200$	99,5 %
Interasse ***Distance between the holes* 115 A=108**	11800200357	Acciaio / *Steel* 90 µm	29	70	95		
	11800201356	Acciaio / *Steel* 60 µm					
	11800202355	Cellulosa rinforzata / *Reinforced cellulose* 25 µm				$\beta_{25}>2$	50 %
	11800203354	Cellulosa rinforzata / *Reinforced cellulose* 10 µm				$\beta_{10}>2$	50 %
	11800204353	Microfibra / *Micro-fibre glass* 25 µm				$\beta_{25}>200$	99,5 %
Interasse ***Distance between the holes* 115 A=154**	11800200400	Acciaio / *Steel* 90 µm	29	70	140		
	11800201409	Acciaio / *Steel* 60 µm					
	11800202408	Cellulosa rinforzata / *Reinforced cellulose* 25 µm				$\beta_{25}>2$	50 %
	11800203407	Cellulosa rinforzata / *Reinforced cellulose* 10 µm				$\beta_{10}>2$	50 %
	11800204406	Microfibra / *Micro-fibre glass* 25 µm				$\beta_{25}>200$	99,5 %
Interasse ***Distance between the holes* 115 A=237**	11800201436	Acciaio / *Steel* 60 µm	41	70	225		
	11800212175	Cellulosa rinforzata / *Reinforced cellulose* 25 µm				$\beta_{25}>2$	50 %
Interasse ***Distance between the holes* 115 A=317**	11800201481	Acciaio / *Steel* 60 µm Passaggio maggiorato / *Larger flow*	41	70	304		
	11800201454	Acciaio / *Steel* 60 µm					
	11800202453	Cellulosa rinforzata / *Reinforced cellulose* 25 µm				$\beta_{25}>2$	50 %
	11800203452	Cellulosa rinforzata / *Reinforced cellulose* 10 µm				$\beta_{10}>2$	50 %
Interasse ***Distance between the holes* 175**	11800200508	Acciaio / *Steel* 90 µm	41	99	212		
	11800201507	Acciaio / *Steel* 60 µm					
	11800202506	Cellulosa rinforzata / *Reinforced cellulose* 25 µm				$\beta_{25}>2$	50 %
	11800203505	Cellulosa rinforzata / *Reinforced cellulose* 10 µm				$\beta_{10}>2$	50 %
	11800204504	Microfibra / *Micro-fibre glass* 25 µm				$\beta_{25}>200$	99,5 %
Interasse ***Distance between the holes* 220**	11800202604	Cellulosa rinforzata / *Reinforced cellulose* 25 µm	65	130	256	$\beta_{25}>2$	50 %

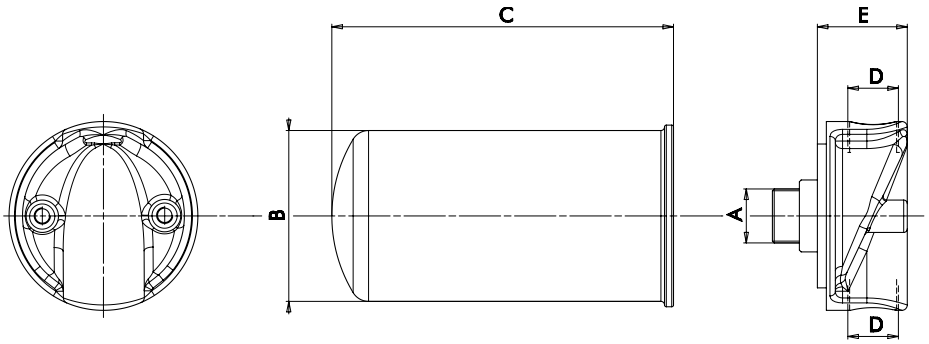


Idonee per filtri *Suitable for filters*	**Cartuccia** *Cartridge*	**Filtrazione** *Filter*	Ø **d** mm	Ø **D** mm	**C** mm	**β**	**Efficienza** *Efficiency*
Interasse ***Distance between the holes* 115 A=330**	11800211176	Acciaio / *Steel* 60 µm	41	70	225		
	11800212175	Cellulosa rinforzata *Reinforced cellulose* 25 µm				$\beta_{25}>2$	50 %
	11800212193	Microfibra *Microfiber* 25 µm				$\beta_{25}>200$	99,5 %

ATTENZIONE: cartucce da utilizzarsi solo per ricambi filtri immersi cod. 11800111177 / 11800112176/ 11800112194.
WARNING: *catridge use only with submerged filters cod. 11800111177 / 11800112176 / 11800112194 spares.*

Filtri in linea aspirazione e ritorno / *Suction and return filters*





I filtri di questa famiglia, con cartuccia avvitabile a perdere (spin-on), sono adatti per essere applicati sia in aspirazione che sul ritorno di impianti idraulici e di lubrificazione. Sono inoltre forniti con foro filettato per indicatore di intasamento.

These in-line filters with disposable spin-on cartdrige are suitable for use on the suction or return lines of hydraulic and lubrication systems. They are supplied with a tapped hole for a suction line clog indicator.

Temperatura di esercizio *Operating temperature*	**Pressione massima di esercizio** *Max. operating pressure*	**Pressione di collaudo** *Testing pressure* bar	**Apertura valvola by-pass** *By-pass valve opening* Δp bar	**Guarnizione** *Seal*	**Portata** *Flow rate* l/min	**Elementi filtranti** *Filter Elements* **X**	**Z**
-25 ÷ 110 °C	12 *bar*	5 ISO 2941	1,5 ± 9%	Gomma mitrilica (compatibile con tutti gli oli minerali, emulsione acquose, acqua glicose) *Nytril rubber (compatible with all mineral oils aqueous emulsions and glycol water).*	17 ÷ 190	Tela metallica *Metal cloth*	Microfibra inorganica rinforzata *Reinforced inorganic microfiber*

FILTRI di RITORNO / RETURN FILTERS

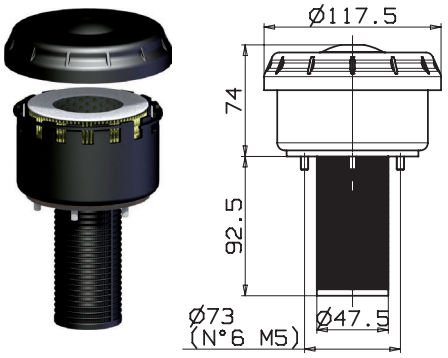
Codice di ordinazione *Order code*	**Filtrazione** *Filter* µm	ß	**Portata** *Displacement* l/min	**Elemento** *Elements*	**A** G	**B** mm	**C** mm	**D** mm	**E** mm	**cartuccia di ricambio** *Spare cartridge*
11800131057	60	2	80	x	3/4	95	145	3/4	44	11800231056
11800131100			90				195			11800231109
11800131155			190		1 1/4	128	180	1 1/4	60	11800231154
11800131208			205				240			11800231207
11800134054	25	75	65	z	3/4	95	145	3/4	44	11800234053
11800134107			69				195			11800234106
11800134152			125		1 1/4	128	180	1 1/4	60	11800234151
11800134205			133				240			11800234204

FILTRI di ASPIRAZIONE / SUCTION FILTERS

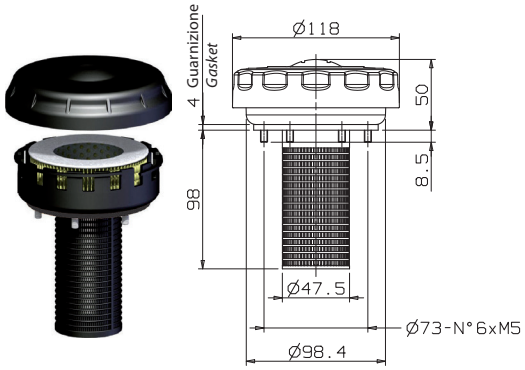
Codice di ordinazione *Order code*	**Filtrazione** *Filter* µm	ß	**Portata** *Displacement* l/min	**Elemento** *Elements*	**A** G	**B** mm	**C** mm	**D** mm	**E** mm	**cartuccia di ricambio** *Spare cartridge*
11800141055	60	2	30	x	3/4	95	145	3/4	44	11800231056
11800141108			35				195			11800231109
11800141153			95		1 1/4	128	180	1 1/4	60	11800231154
11800141206			100				240			11800231207

Tappo riempimento / *Filler cap*

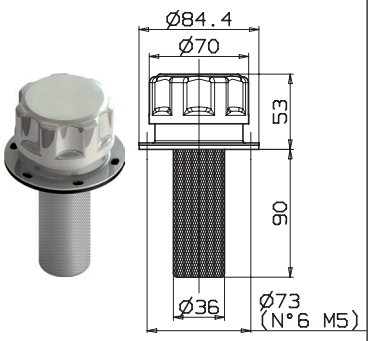
11801300103



11801300201



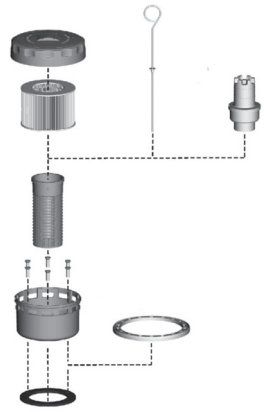
11801300514



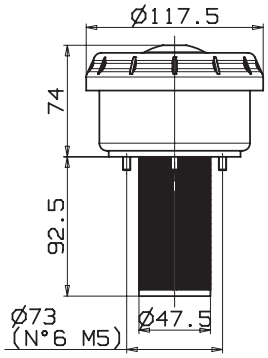
Tappo di riempimento completo di filtro in Carta per un corretto filtraggio dell'aria in ingresso del serbatoio.
Filler cap complete with paper filter to ensure a proper filtration on the air coming into the tank.

Codice ordinazione *Order code*	**Portata aria** *Air displacement*	**Filtrazione** *Filter*	**Elementi filtranti** *Filter Elements*	
11801300103	1800 l/min	3 µm	**11890200107**	Carta / *Paper*
11801300201	1400 l/min	10 µm	**11890200125**	
11801300514	480 l/min	40 µm	Rete metallica / *Metallic net*	

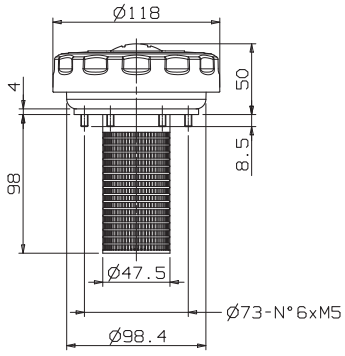
Tappo riempimento con antispruzzo / *Filler cap with antisplash*



11801301102



11801301200



Codice ordinazione *Order code*	**Portata aria** *Air displacement*	**Filtrazione** *Filter*	**Elementi filtranti** *Filter Elements*	
11801301102	1800 l/min	3 µm	**11890200107**	Carta / *Paper*
11801301200	1400 l/min	10 µm	**11890200125**	

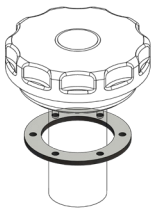
Kit Prolunga / *Extension kit*

11890200152: Prolunga H=125mm + kit
Extension H=125mm + kit
Foglio di catalogo / *Data sheet*

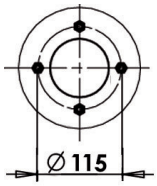
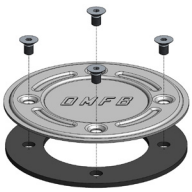
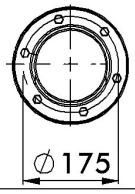
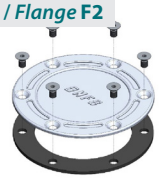
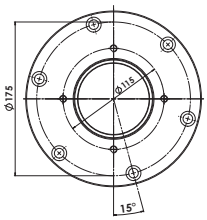
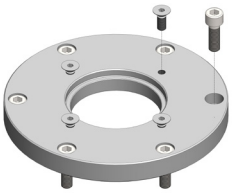


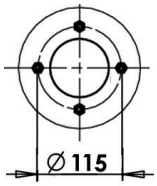
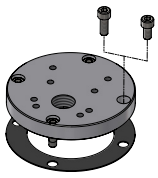
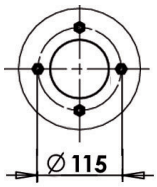
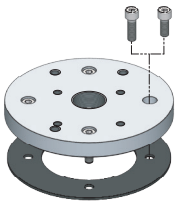
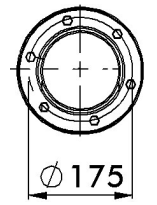
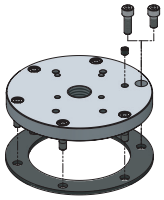
Guarnizione / *Gasket*

11890200116: Guarnizione tappo riempimento
Filler cap gasket

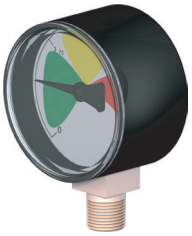
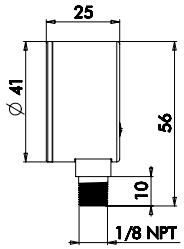
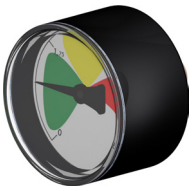
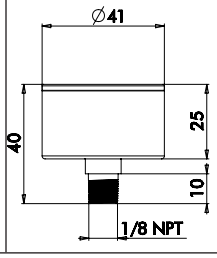
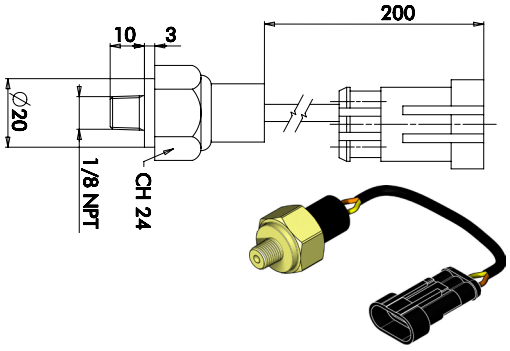


Piastre di chiusura / *Flanges*

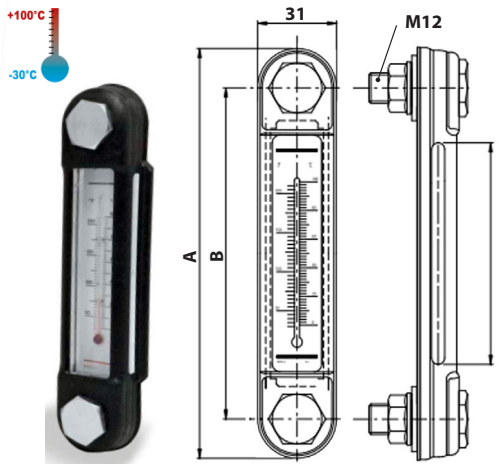
Codice ordinazione *Order code*		**Descrizione prodotto** *Description*	**Composizione prodotto** *Bill of material*	
Piastre cieche *Blank flanges*	 **Codice/*Code*** **13599020110 (OMFB)** **13599020129 (Neutro)**	Piastra cieca di chiusura *Blank flange*	**Flangia / *Flange* F4** 	4 viti SPEI M8x16 1 piastra in alluminio 1 guarnizione piatta *4 screws SPEI M8x16* *1 aluminium plate* *1 Gasket*
	 **Codice/*Code*** **13599020165**	Piastra cieca di chiusura *Blank flange*	**Flangia / *Flange* F2** 	6 viti SPEI M10x18 1 piastra in alluminio 1 guarnizione piatta *6 screws SPEI M10x18* *1 aluminium plate* *1 Gasket*
Kit adattatore calotta *Kit adaptor filter cap*	 **Codice/*Code*** **13590400234**	Kit adattatore F4 su serbatoi con flangia F2. *Kit adaptor F4 on oil tanks F2.*	**Flangia / *Flange* F2** 	1 piastra 6 viti TCE M10x30 4 viti SPEI M8x20 *1 plate* *6 screws TCE M10x30* *4 screws SPEI M8x20*

Codice ordinazione *Order code*		**Descrizione prodotto** *Description*	**Composizione prodotto** *Bill of material*		
Piastre montaggio deviatori *Mounting flanges for tipping valves*	 **Codice/*Code*** **12199400182**	Piastra predisposta per il montaggio di deviatori serie: *Mounting flange for tipping valves option:* **FM / FP 80** **Modular 150**	**Flangia / *Flange* F4** 	4 viti TCE M 8x14 4 viti TCE M 8x20 1 piastra in alluminio 1 guarnizione piatta *4 screw TCE M 8x14* *4 screw TCE M 8x20* *1 aluminium plate* *1 Gasket*	**ATTENZIONE:** LE VITI CORTE VANNO USATE SUI SERBATOI FAMIGLIA 135700... ***WARNING:*** *SHORT SCREWS MUST BE USED ONLY FOR OIL TANKS FAMILY CODE 135700...*
	 **Codice/*Code*** **12199400226**	Piastra predisposta per il montaggio di deviatori tipo: *Mounting flange for tipping valves option:* **Modular 150 - Modular 250** **su serbatoi laterali e retrocabina** ***on side and rear mounting tanks***	**Flangia / *Flange* F4** 	4 viti TCE M 8x25 4 viti TCE M 8x20 1 piastra in alluminio 1 guarnizione piatta *4 screw TCE M 8x25* *4 screw TCE M 8x20* *1 aluminium plate* *1 Gasket*	**ATTENZIONE:** LE VITI CORTE VANNO USATE SUI SERBATOI CON FLANGE SALDATE. LE VITI LUNGHE VANNO USATE SU SERBATOI CON FLANGE IMBUTITE E INSERTI FILETTATI. ***WARNING:*** *SHORT SCREWS SHALL BE USED ON TANKS WITH WELDED FLANGES. LONG SCREWS SHALL BE USED ON TANKS WITH DEEP-DRAWN FLANGES AND THREADED INSERTS.*
	 **Codice/*Code*** **12199400217**	Piastra predisposta per il montaggio di deviatori tipo: *Mounting flange for tipping valves option:* **Modular 150** **Modular 250**	**Flangia / *Flange* F2** 	6 viti TCE M10x20 6 viti TCE M10x30 1 piastra in alluminio 1 guarnizione piatta 1 grano G 1/8 *6 screw TCE M10x20* *6 screw TCE M10x30* *1 aluminium plate* *1 Gasket* *1 Plug G 1/8*	**ATTENZIONE:** LE VITI CORTE VANNO USATE SUI SERBATOI FAMIGLIA 135700... ***WARNING:*** *SHORT SCREWS MUST BE USED ONLY FOR OIL TANKS FAMILY CODE 135700...*

Indicatori di intasamento / *Clogging indicators*

Codice ordinazione *Order code*		**Descrizione** / *Description*	**Prodotto** / *Products*
Indicatori visivi / *Visual indicators*	Attacco radiale *Radial attachment* 11800000073	Manometro scala 0 a 6 bar attacco radiale. *Pressure gauge, scale from 0 to 6 bar radial attachment.*	 
	Attacco posteriore *Rear attachment* 11800000082	Manometro scala 0 a 6 bar attacco posteriore. *Pressure gauge, scale from 0 to 6 bar rear attachment.*	 
Indicatori elettrici *Electric indicators*	31200500110	Segnalatore elettrico con sensibilità regolabile da 0,5 bar a 3 bar. Attacco packard IP65. *Adjustable electric indicator from 0.5 bar to 3 bar. IP 65 Packard connection.*	

Indicatori di livello / *Level indicator*

Codice ordinazione *Order code*		**Descrizione** / *Description*	**Prodotto** / *Product*
50900400123		Spia livello in alluminio G 3/4" *Aluminium level eye*	
50900400105		Spia livello in alluminio G 1" *Aluminium level eye*	
Indicatori visivi / *Visual indicators*	**Vedi tabella** ***See table***	**LIVELLO OLIO CON PROTEZIONE METALLICA** - Temperatura esercizio - 30° + 100° C. - Guarnizione posteriore: NBR 70 Shore. - Coppia serraggio fissaggi: 5 Nm max. ***VERTICAL LEVEL GAUGES WITH METAL CASING*** *- Max working temperature - 30° + 100° C.* *- Rear gasket: NBR 70 Shore.* *- Maximum tightening torque suggested 5 Nm.*	

Codice ***Code***	**Termometro/** ***Thermometer***	**A**	**B**
50900400114	no	156	127
50900400052	si/*yes*		
50900400196	no	192	165
50900400169	no	281	254