



PENTAIR

STRUCTURAL

ACCESSORI & PARTI DI RICAMBIO
PER SERBATOI DI STOCCAGGIO



SOMMARIO

MATERIALI	5
POLIMERI	5
GOMME/ELASTOMERI.....	6
METALLI	6
MANUALE PER L'UTENTE	7
DESCRITIVO.....	7
SIMBOLI E ICONE	8
ISTRUZIONI	9
ISTRUZIONI DI INSTALLAZIONE	9
ASSEMBLAGGIO FLANGIA	9
ASSEMBLAGGIO	10
ACCESSORI	
CHIUSURE & ADATTATORI	
FILETTO 2.5"	
2.5" CLOSURE PVC	11
FILETTO 4"	
DN 400	12
4" CLOSURE PVC	13
4" - 2.5" ADAPTER.....	14
FILETTO 6"	
6" CLOSURE PVC	15
FLANGIA 6"	
6" BLINDFLANGE	16
6" BLINDFLANGE ULTRA PURE	17
6" FLANGE - 1.5 BSP	18
6" FLANGE - 2.5" 8UN	19
6" FLANGE - 4" 8UN	20
6" FLANGE - DN65	21
6" FLANGE - DN80	22
6" FLANGE - DN100	23



FLANGIA CIECA

DN50 FLANGE	24
DN65 FLANGE	25
DN80 FLANGE	26
DN100 FLANGE	27
DN125 FLANGE	28
DN150 FLANGE	29
DN200 FLANGE	30
DN400 FLANGE	31

CONNESSIONI PER SCARICO

FLANGIA 6"

1" BSP OUTLET STANDARD	32
1" BSP OUTLET LOW FLOW	33
1" BSP OUTLET HIGH FLOW	34

VETRO SPIA

SIGHTGLASS	35
------------------	----

VALVOLE

VALVOLE DI AERAZIONE

1.5" AERATION VALVE	36
ADAPTER FOR AERATION VALVE 1.5"	37

VALVOLA 2.5"

2.5" VALVE MANUAL VALVE - 3/4" INLET/OUTLET	38
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ATTREZZI

CHIAVE INGLESE

NOTCHED WRENCH FOR ADATORS	39
OCTOGON 2.5"	40
OCTOGON 4"	41
WRENCH FOR MANUAL VALVE	42

PROLUNGA

EXTENSION 3/4 BSP	43
EXTENSION 2" BSP	44
EXTENSION HOLDER 6-FOLD HUB	45



PARTI DI RICAMBIO

CONNETTORI & ATTACCHI CONNETTORI

HUB	46
HUBCAP	47
HUB ADAPTORS	48
LATERAL	49
DIFFUSOR	50
UNION	51
ELBOW	52

GUARNIZIONI

O'RING	53
FLAT SEAL	54



MATERIALI

POLIMERI

POLIETILENE (PE)

Il PE è il materiale utilizzato per il rivestimento interno di recipienti Structural standard e per alcune chiusure e alcuni adattatori presenti in questo catalogo.

Proprietà tipiche:

- Leggerezza
- Resistenza e allungamento elevati prima della rottura
- Assorbimento di acqua e permeabilità bassissimi
- Elevata resistenza agli attacchi di agenti chimici
- Resistenza alle incrinature da stress ambientale

POLIPROPILENE (PP)

Materiale stampato a iniezione per laterali, mozzi e adattatori dei mozzi standard

Proprietà tipiche:

- Proprietà simili a quelle del PE
- Resistenza alle temperature superiori rispetto al PE
- Il PP è fragile quando freddo (al di sotto dei 10 °C) (attenzione durante assemblaggio a freddo)

RINFORZATO CON FIBRA DI VETRO POLIPROPILENE (PP-GF)

Materiale stampato a iniezione per laterali e adattatori dei mozzi per elevate temperature. PP-GF ha una rigidità molto superiore rispetto al normale PP.

OSSIDO DI POLIFENILENE (PPO)

Materiale stampato a iniezione per flange tipiche e relative chiusure. Il PPO è utilizzato come prodotto riempito al 30% di vetro.

Proprietà tipiche:

- Elevata stabilità dimensionale
- Elevata resistenza alle alte temperature (fino a 99°C)
- Buona resistenza all'idrolisi
- Auto-estinguente, non gocciola
- Basso assorbimento di acqua

FLUORURO DI POLIVINILIDENE (PVDF)

Rivestimenti e componenti per applicazioni Ultra Pure. Il PVDF è un polimero tecnico di grado elevato con eccellenti proprietà (chimiche).

Proprietà tipiche:

- Resistenza e allungamento elevati prima di rottura, a temperature elevate e basse
- Elevatissima resistenza agli attacchi della maggior parte degli agenti chimici
- Idoneità per applicazioni Ultra Pure
- Elevata resistenza meccanica



POLIVINILCLORURO (PVC)

Polimero molto utilizzato per i sistemi di trasporto dell'acqua, ma anche per altre applicazioni. Il PVC è una delle plastiche più utilizzate in tutto il mondo. Structural utilizza il PVC in alcune parti lavorate a macchina e stampate a iniezione dei sistemi di distribuzione.

Proprietà tipiche:

- Elevata forza meccanica, rigidità e durezza
- Bassa forza di impatto a freddo
- Elevata resistenza chimica
- Auto-estinguente dopo la rimozione della fonte di incendio

RESINE EPOSSIDICHE RINFORZATE IN FIBRA DI VETRO (EP-GF)

Materiale termoindurente con resistenza elevatissima. Riempita di vetro fino a 60%, la resistenza di questa plastica è simile a quella dell'alluminio e il rapporto forza-peso è addirittura superiore. Non deve entrare in contatto con i contenuti del recipiente ed è utilizzata solo come elemento di rinforzo.

Proprietà tipiche:

- Resistenza e durezza molto elevate
- Solo elementi strutturali



GOMMA/ELASTOMERI

ACRILONITRILE BUTADIENE (NBR)

Composto gommoso per utilizzo generico.

ETILENE-PROPYLENE-DIENE TERPOLIMERO (EPDM)

Composto gommoso con resistenza chimica e termica migliore rispetto al grado NBR standard.

ELASTOMERO FLUOROCARBONE (FPM)

Tipo speciale (Viton®) per applicazioni specifiche. Idoneo per la maggior parte delle applicazioni Ultra Pure o a elevata corrosività.



TETRAFLUOROETILENE/ ESAFLUOROPROPYLENE (FEP)

Materiale dell'O-ring altamente performante. Le guarnizioni in FEP sono di fatto realizzate con un nucleo interno di FPM che conferisce la necessaria flessibilità, avvolto da un coperchio continuo in Teflon® (PFA).

Sono utilizzati dove le proprietà chimiche, tossicologiche e termiche sono della massima importanza.



METALLI

ACCIAIO INOSSIDABILE (SS)

Tutti i bulloni sono in acciaio inossidabile A2 (1.4303-1.4301-1.4541), tutti i dadi, i regolatori di flusso, i regolatori di flusso elastici etc. sono A4 (1.4401-1.4571).

ALLUMINIO (AL)

Metallo leggero e resistente alla corrosione per la costruzione delle flange realizzate nei recipienti sotto pressione STRUCTURAL.

Per una resistenza chimica specifica di uno o più materiali e agenti, si prega di contattare il nostro reparto vendite. Saremo lieti di consigliarti. Si prega di specificare esattamente l'agente chimico e le relative concentrazione e temperatura.



PENTAIR

INTRODUZIONE



MANUALE PER L'UTENTE

DESCRITIVO

1

14" - 16" - 18"

2



6" FLANGE

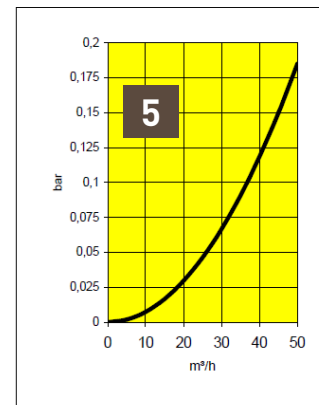
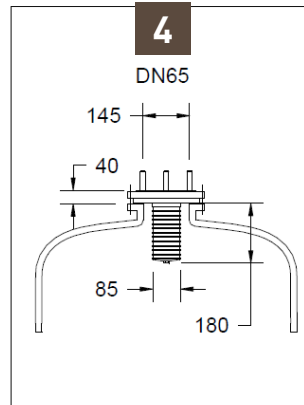
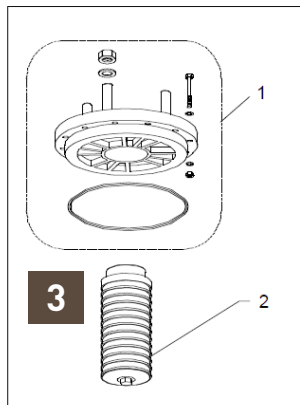
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8

DN65

7



9



10

Item	Description	11	Dimensions	Quantity	Matière	N° d'article	
1	Adaptor		6" - DN65	1	PP	A-3100-02C	A-3100-02C
2	Diffusor		2.5" - 180mm	1	PP	A-2740--	A-2746--
						A-2727-F6	A-2527-F6

12
































1

13

1	Diameter of vessel	8	System connection
2	Vessel connection	9	Type of lateral connection
3	Exploded View	10	Lateral slot size
4	Dimensions	11	Spare parts list
5	Pressure drop curve	12	Minimum order quantity
6	Operating temperature	13	Codes
7	Type of installation		



SIMBOLI E ICONE

	Sistema a baionetta		Sistema o componente idoneo da 1 °C a 50 °C
	Sistema filettato		Sistema o componente idoneo da 1 °C a 65 °C
	Misura della scanalatura 0,2 mm		Sistema o componente idoneo da 1 °C a 99 °C
	Misura della scanalatura 0,3 mm		Collegamento sistema verso l'esterno
	Misura della scanalatura 0,5 mm		Funzione adattatore da ... a ...
	Misura della scanalatura 12 mm		Collegamento tramite colla
	Sistema o componente per recipienti flangiati		Parti di ricambio
	Sistema o componente per recipienti filettati		Sistema o componente idoneo per applicazioni Ultra Pure
	Chiusure filettate o flangiate		Specifiche massima coppia
	Adattatori filettati o flangiati		Quantità minima per l'ordine
	Inseriti di scarico		Sistema per installazione sopra il recipiente filettato
	Attrezzi e utensili ausiliari per il montaggio		Sistema per installazione sotto il recipiente filettato
	Sistema per installazione sopra un recipiente flangiato		Sistema per installazione in recipiente con filetto superiore
	Sistema per installazione sul fondo di un recipiente flangiato		Sistema per installazione in recipiente con filetto superiore con foro laterale
	Sistema per installazione in recipienti con flangia superiore		

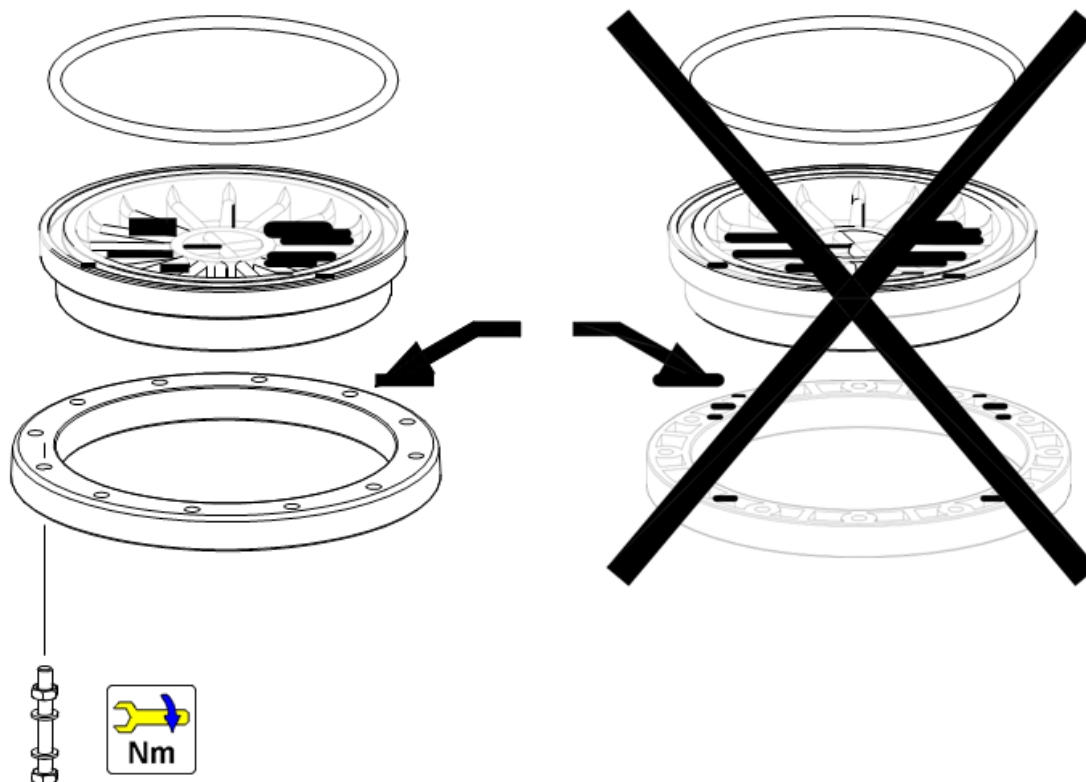


ISTRUZIONI

ISTRUZIONI DI INSTALLAZIONE

- Si prega di verificare l'eventuale presenza di danni da trasporto prima di montaggio e installazione.
- Proteggere i componenti dal congelamento 0 °C (32 °F).
- Si raccomanda il preriscaldamento dei pezzi in acqua calda per assemblaggi con temperature inferiori a 10 °C (50 °F).
- Coppia massima a 5 Nm (3,69 ft.-lbs).

ASSEMBLAGGIO FLANGIA





ASSEMBLAGGIO



Fase 1: Pezzi non assemblati con estensione I-WR03-LA.



Fase 2: I pezzi mostrati nella fase 1 sono assemblati (all'esterno del serbatoio) e inseriti nel serbatoio attraverso l'estensione I-WR03-LA.



Fase 3: Mettere il gruppo all'interno del serbatoio per montare i laterali.



Fase 4: Avitare tutti laterali nel mozzo continuando a tenere l'estensione.



Fase 5: Avitare l'adattatore flangia sul gruppo. Assicurarsi che l'O-ring sia collegato all'adattatore e sigillato adeguatamente.



Fase 6: Utilizzare la flangia di appoggio per collegare il sistema di distribuzione alla flangia 6". Adesso rimuovere l'estensione.

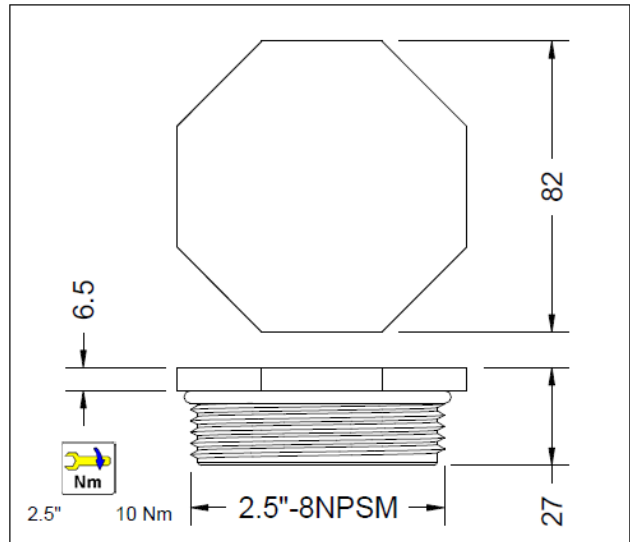
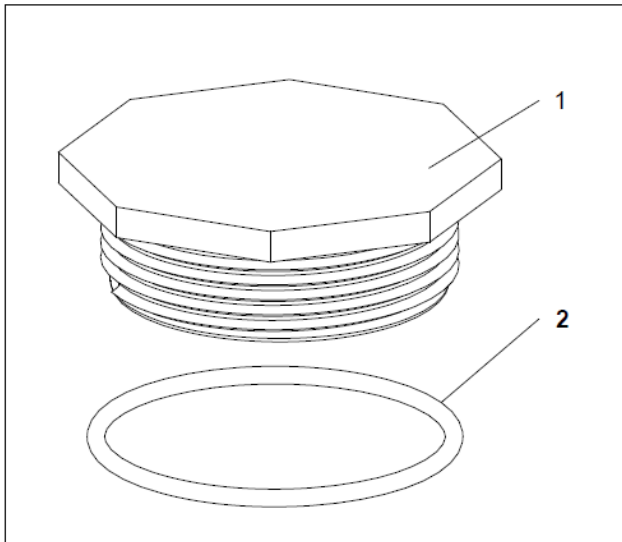
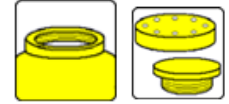


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CHUISURE E ADATTATORI



2.5" THREAD



2.5"-8NPSM

Item	Description	Dimensions	Quantity	Material	Part number
1	Closure	2.5" -8NPSM	1	PVC	A-2751-1
2	O-ring	66.27 x 3.53 mm	1	NBR	A-2694-1



CH2751-1

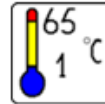
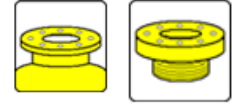


PENTAIR

CHUISURE E ADATTATORI



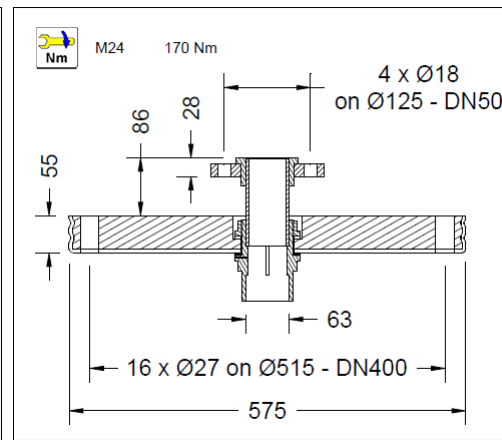
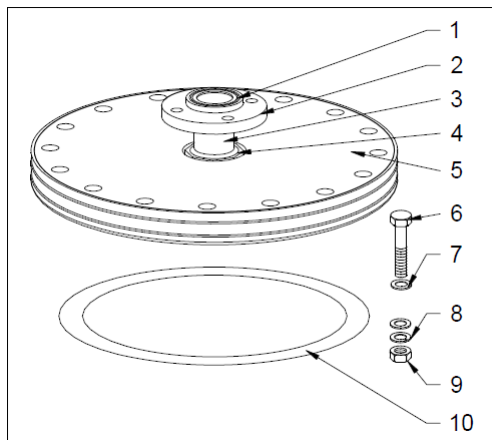
DN 400



DN400



DN50



DN400 - DN50

Item	Description	Dimensions	Quantity	Material	Part number
1	Flange Adapter	DN50 - 63 mm	1	PVC	A-3720-64
2	Flange	DN50	1	PP-GF	X-1V-IPN1
3	Pipe	63 - 178 mm	1	PVC	A-PVC-063
4	Table Duct	63 mm	1	PVC	A-5160-65C
5	Flange	DN400	1	LLDPE/GR-EP	A-MACH-DN400
6	Bolt	M24 x 130	16	SS	A-M24-130
7	Washer	M24	32	SS	A-M24-RON
8	Spring Washer	M24	16	SS	A-M24-VRO
9	Nut	M24	16	SS	A-M24-A4
10	Flat Seal	DN400	1	NBR	A-DN40-0D



1

A-3400-02C

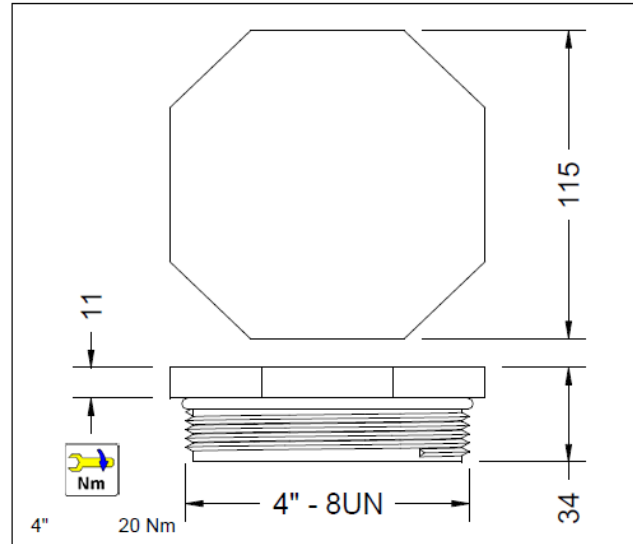
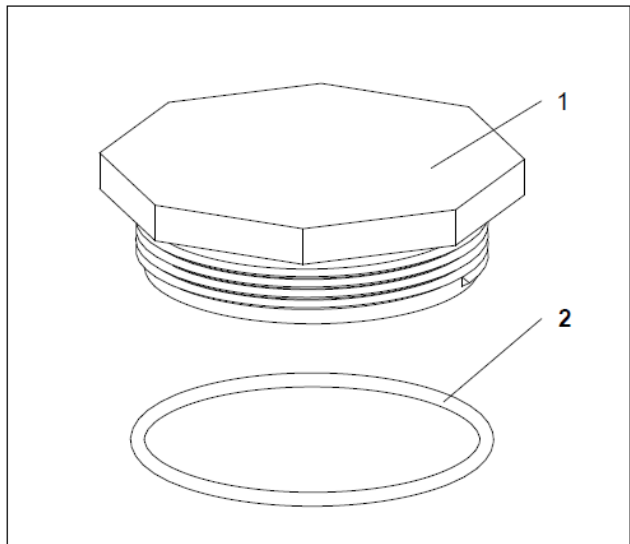
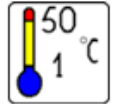
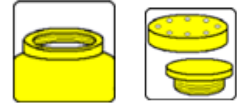


PENTAIR

CHUISURE E ADATTATORI



4" THREAD



4" - 8 UN

Item	Description	Dimensions	Quantity	Material	Part number
1	Closure	4"-8UN	1	PVC	A-2752-1
2	O-ring	98 x 4 mm	1	NBR	A-2694-3



1

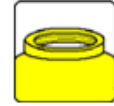


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CHUISURE E ADATTATORI



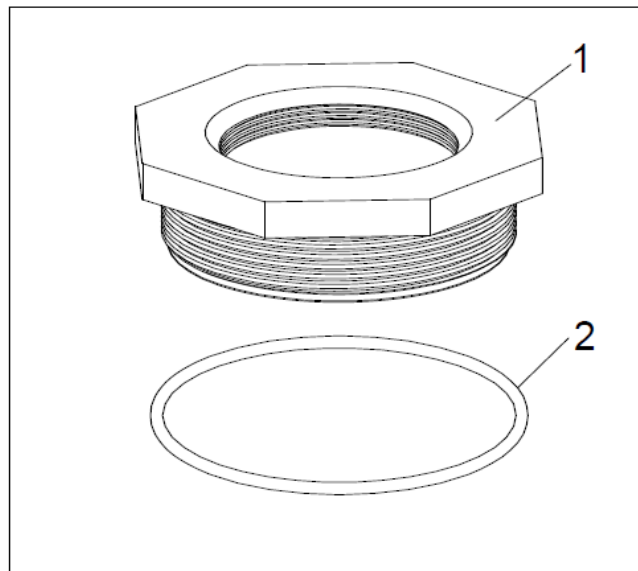
4" THREAD



4"-8UN



2 1/2"-8NPSM



4" 20Nm



4" - 8 UN

Item	Description	Dimensions	Quantity	Material	Part number
1	Closure	4"-8UN	1	PVC	A-2752-2
2	O-ring	98 x 4 mm	1	NBR	A-2694-3
					A-2752-2C



1

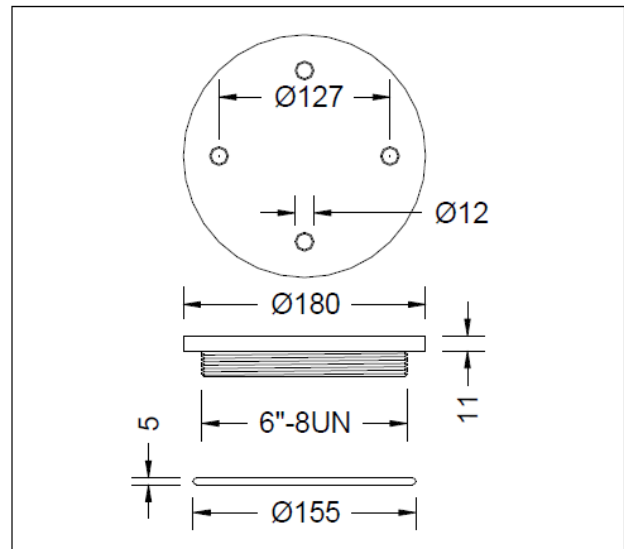
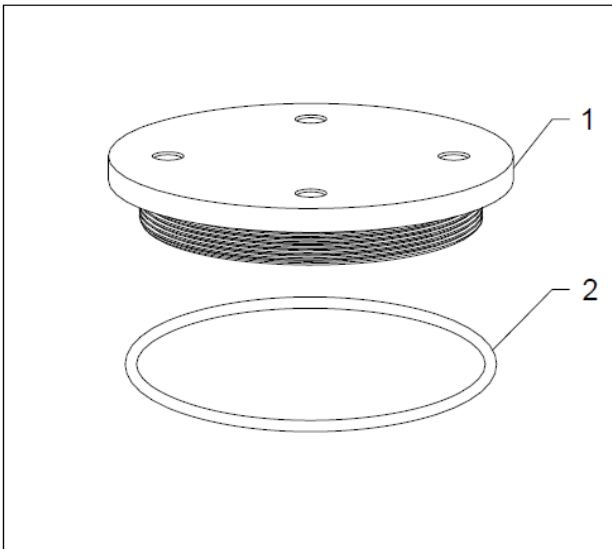
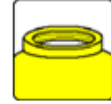


PENTAIR

CHUISURE E ADATTATORI



6" THREAD



6" - 8 UN

Item	Description	Dimensions	Quantity	Material	Part number
1	Closure	6"-8UN	1	C-PVC	A-2695-3F
2	O-ring	155 x 5 mm	1	NBR	A-2694-BF
					A-2695-3FC



1

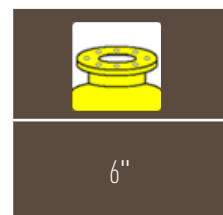
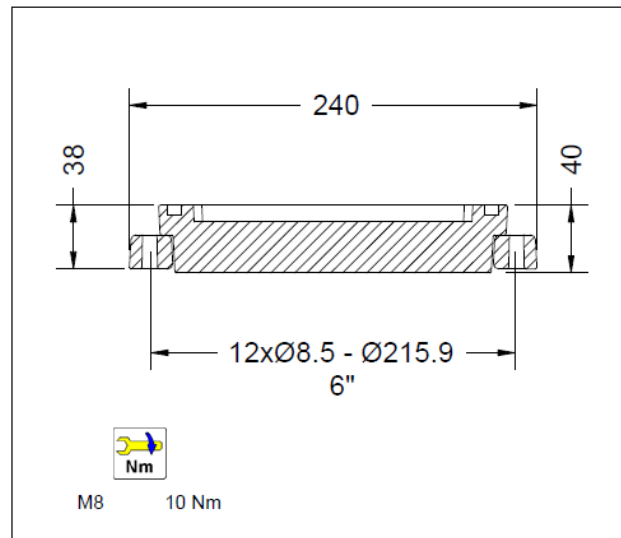
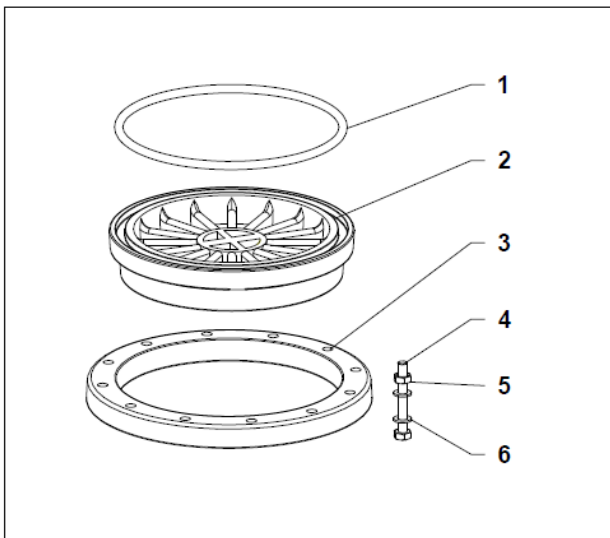
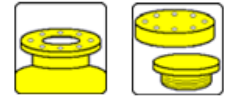


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CHUISURE E ADATTATORI



6" FLANGE



Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Closure	6"	1	PPO	A-085-0006
3	Backing Flange	6"	1	PPO	A-085-0221
4	Bolt	M8 x 75	12	SS	A-M8-075
5	Nut	M8	12	SS	A-M8-A4
6	Washer	M8	24	SS	A-M8-RON



A-3100-01C

1

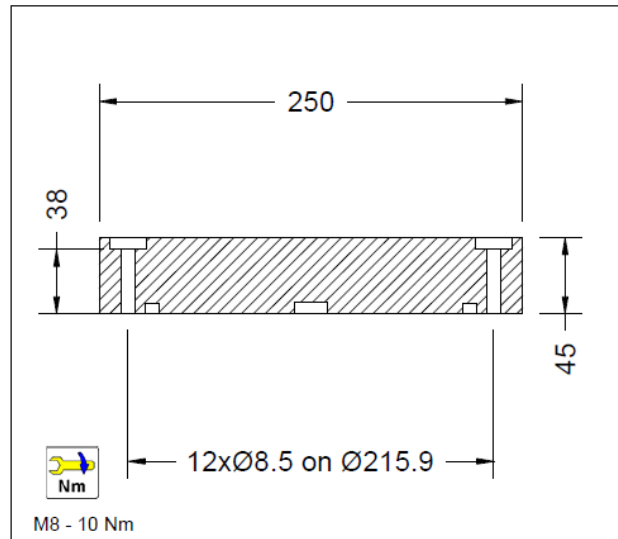
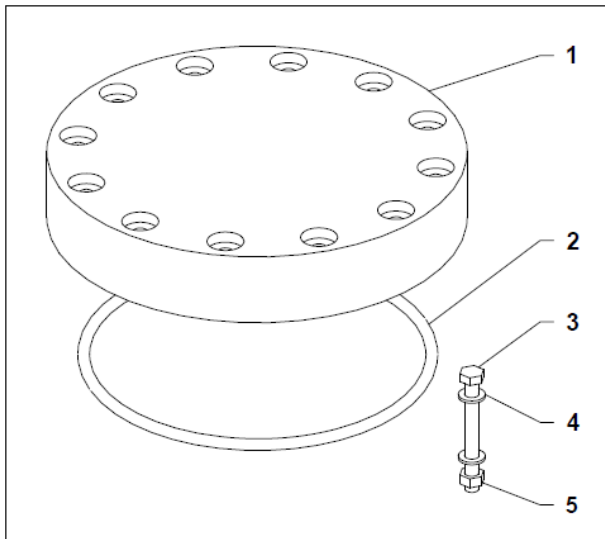
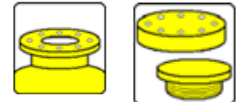






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CHUISURE E ADATTATORI



6" FLANGE



	
HDPE	PVDF
	
50 °C	99 °C
A-3100-ALC A1-3100-ALC	

Item	Description	Dimensions	Quantity	Material	Part number	
1	Closure	6"	1		A-3100-01AL	A1-3100-01AL
2	O-ring	183.52 x 6.99 mm	1	FPM	A-2694-V8F	A-2694-V8F
3	Bolt	M8 x 75	12	SS	A-8894-00	A-8894-00
4	Washer	M8	24	SS	A-M8-RON	A-M8-RON
5	Nut	M8	12	SS	A-M8-A4	A-M8-A4





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CHUISURE E ADATTATORI



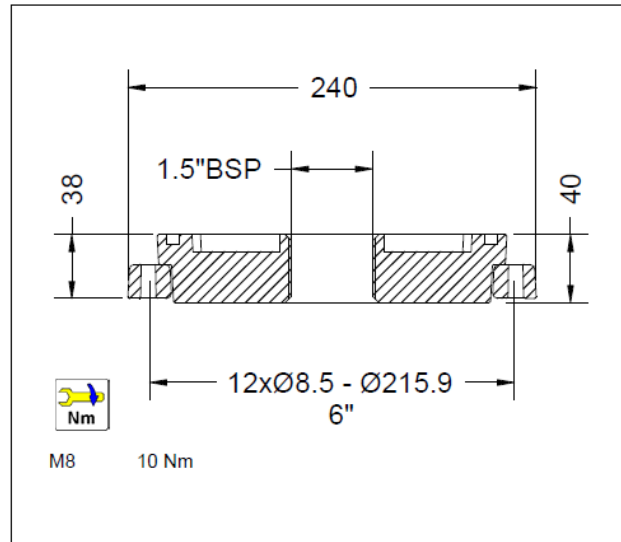
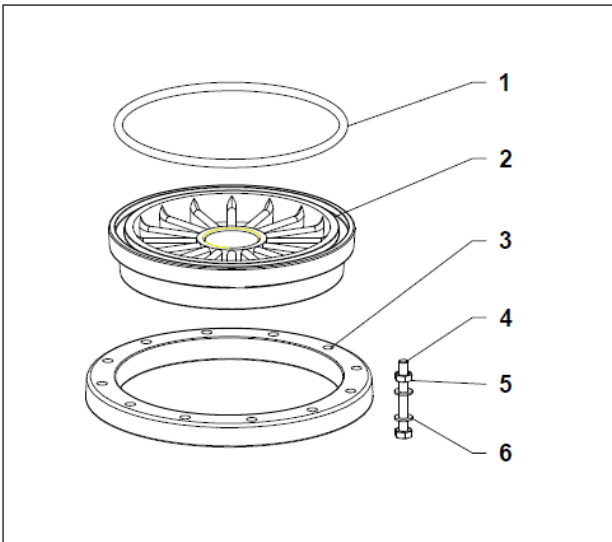
6" FLANGE



6" FLANGE
1.5" BSP



1.5" BSP



M8

10 Nm



6" - 1.5" BSP

Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Adapter	6" - 1.5" BSP	1	PPO	A-085-0007
3	Backing Flange	6"	1	PPO	A-085-0221
4	Bolt	M8 x 75	12	SS	A-M8-075
5	Nut	M8	12	SS	A-M8-A4
6	Washer	M8	24	SS	A-M8-RON



1

A-3100-06C

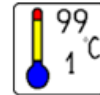
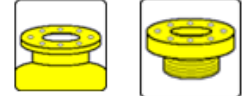


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CHUISURE E ADATTATORI



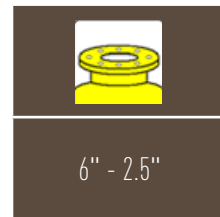
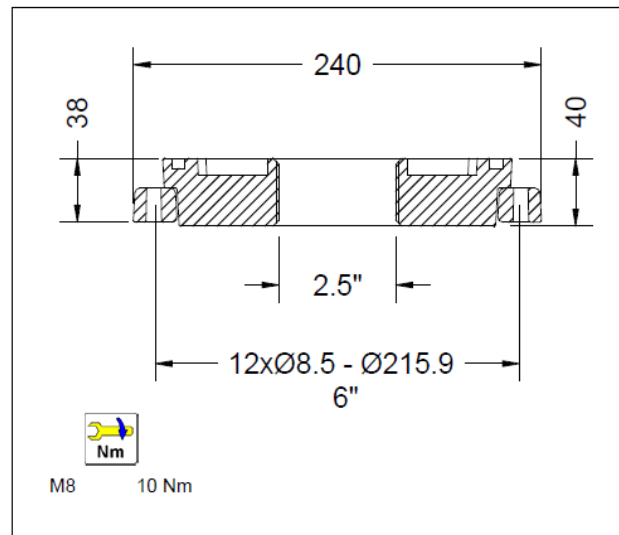
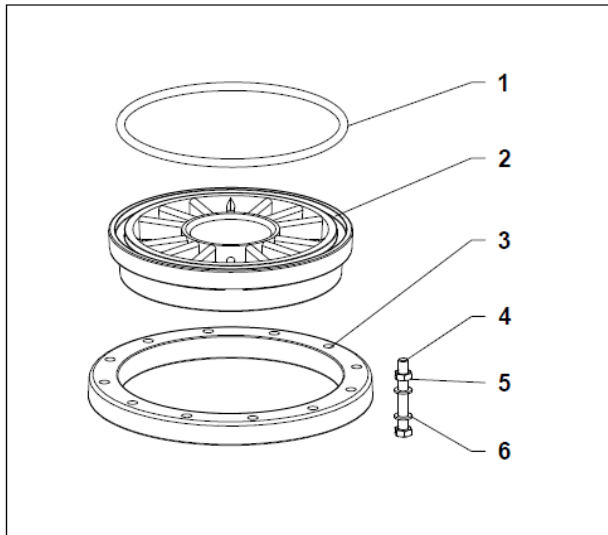
6" FLANGE



6" FLANGE
2.5"-8 NPSM



2.5" 8 NPSM



Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Adapter	6" - 2.5"	1	PPO	A-085-0009
3	Backing Flange	6"	1	PPO	A-085-0221
4	Bolt	M8 x 75	12	SS	A-M8-075
5	Nut	M8	12	SS	A-M8-A4
6	Washer	M8	24	SS	A-M8-RON

A-3100-07C



1

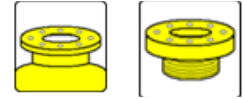


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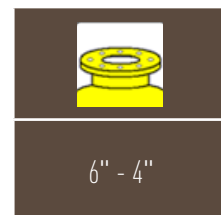
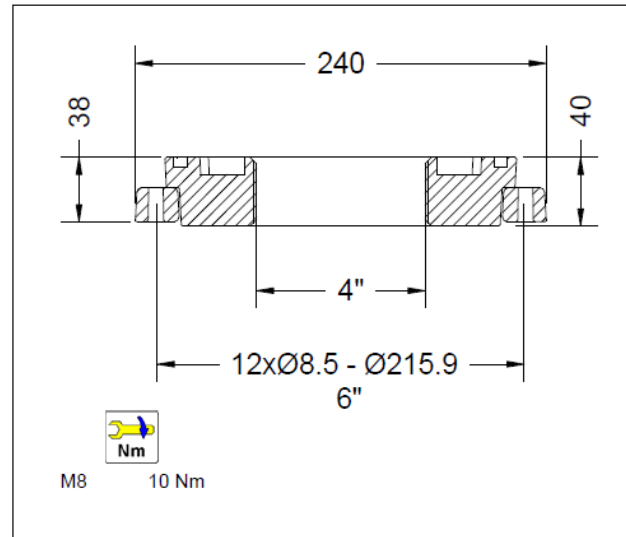
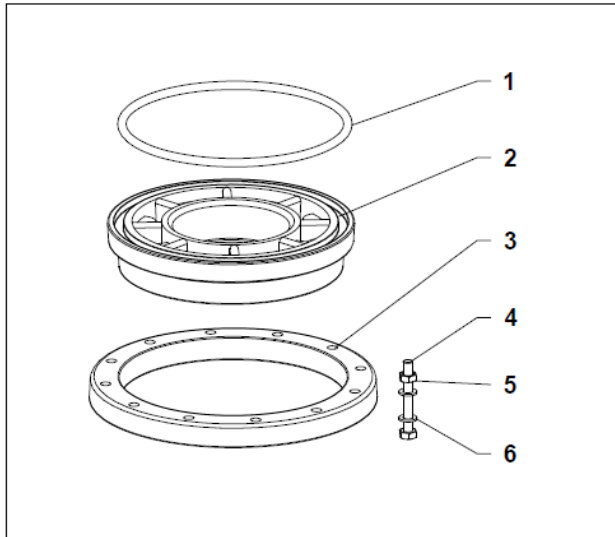
6" FLANGE



6" FLANGE
4" - 8 UN



4" - 8 UN



Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Adapter	6" - 4"	1	PPO	A-085-0101
3	Backing Flange	6"	1	PPO	A-085-0221
4	Bolt	M8 x 75	12	SS	A-M8-075
5	Nut	M8	12	SS	A-M8-A4
6	Washer	M8	24	SS	A-M8-RON



1

A-3100-08C

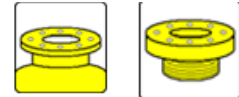


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CHUISURE E ADATTATORI



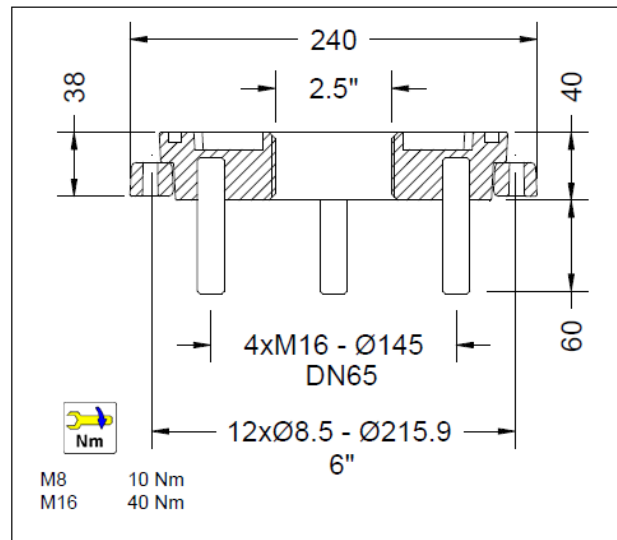
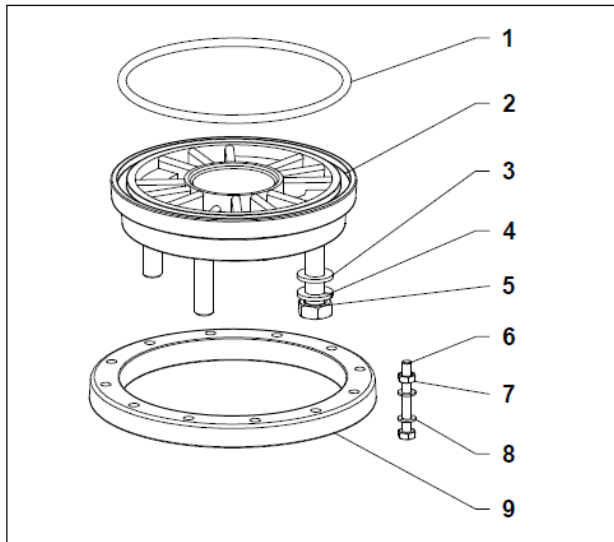
6" FLANGE



6" FLANGE
2.5" - 8 UN



DN 65



6" - DN65 - 2.5"

Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Adapter	6" - DN65	1	PPO	A-086-0000
3	Washer	M16	4	SS	A-M16-RON
4	Spring Washer	M16	4	SS	A-M16-VRO
5	Nut	M16	4	SS	A-M16-A4
6	Bolt	M8 x 75	12	SS	A-M8-075
7	Nut	M8	12	SS	A-M8-A4
8	Washer	M8	24	SS	A-M8-RON
9	Backing Flange	6"	1	PPO	A-085-0221



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A-3100-02C

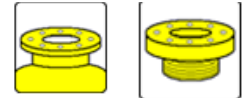


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CHUISURE E ADATTATORI



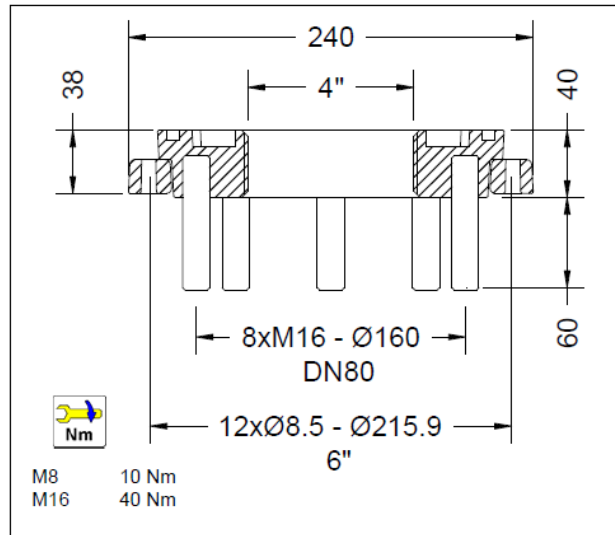
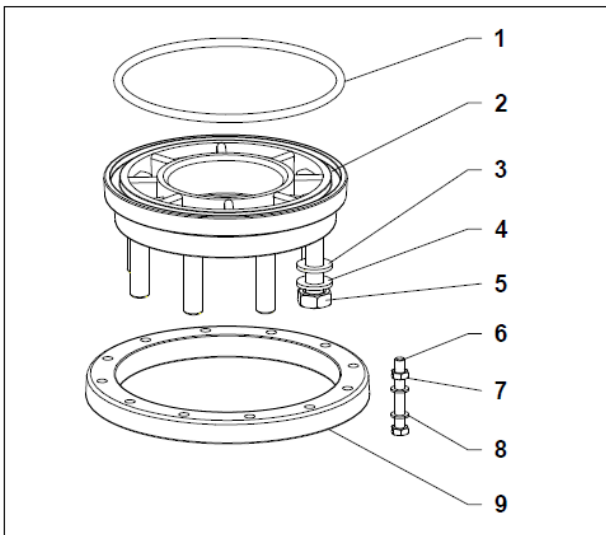
6" FLANGE



6" FLANGE
4" - 8 UN



DN 80



Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Adapter	6" - DN80	1	PPO	A-086-0003
3	Washer	M16	8	SS	A-M16-RON
4	Spring Washer	M16	8	SS	A-M16-VRO
5	Nut	M16	8	SS	A-M16-A4
6	Bolt	M8 x 75	12	SS	A-M8-075
7	Nut	M8	12	SS	A-M8-A4
8	Washer	M8	24	SS	A-M8-RON
9	Backing Flange	6"	1	PPO	A-085-0221



A-3100-03C

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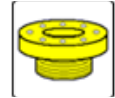
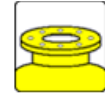


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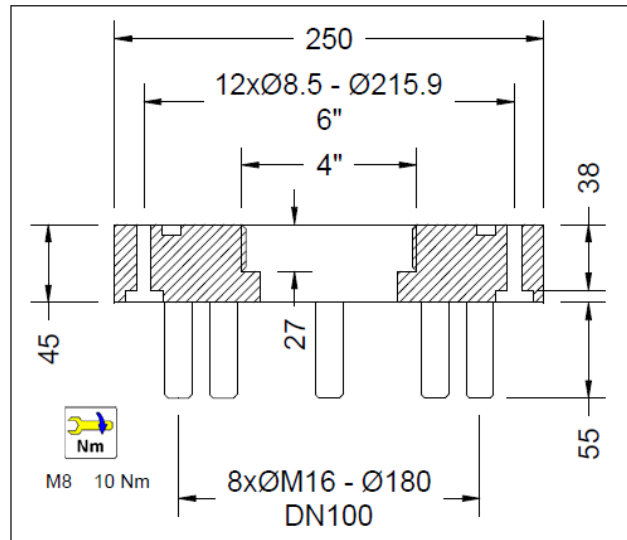
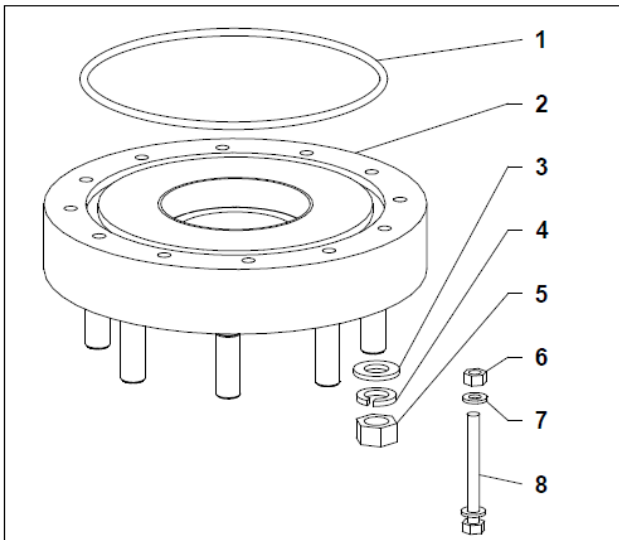
6" FLANGE



6" FLANGE
4" - 8 UN



DN 100



6"-DN100-4"

Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Adapter	6" - DN100	1	PPO	A-3100-100
3	Washer	M16	8	SS	A-M16-RON
4	Spring Washer	M16	8	SS	A-M16-VR0
5	Nut	M16	8	SS	A-M16-A4
6	Nut	M8	12	SS	A-M8-A4
7	Washer	M8	24	SS	A-M8-RON
8	Bolt	M8	12	SS	A-M8-075

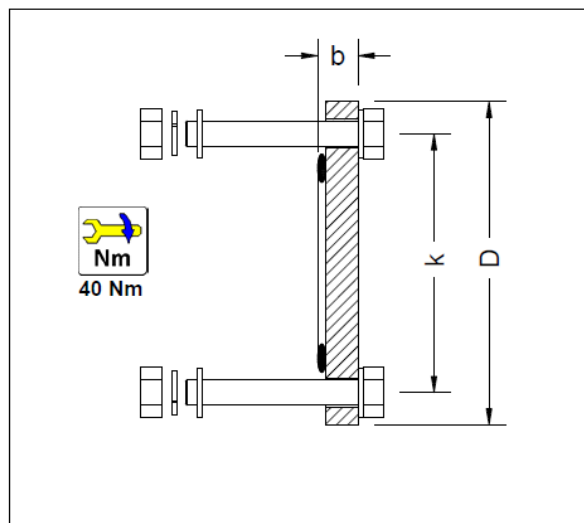
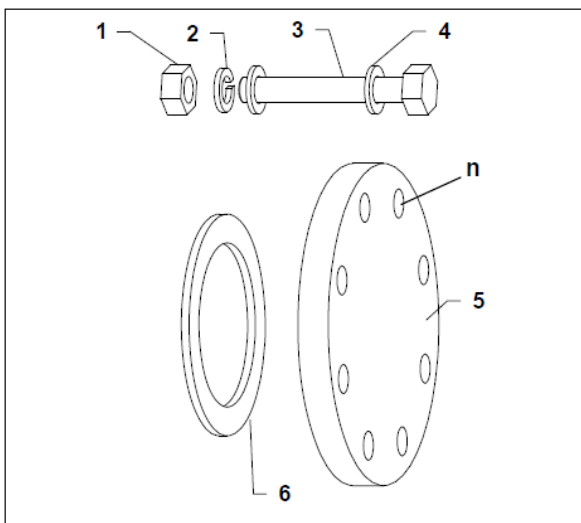
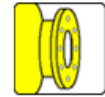


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A-3100-09C



BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF/PVC	AG-DN-50B	AG-DN-80B	AG-DN-10B	A6-DN20-PPGF
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
			19	19	20	46
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-01C



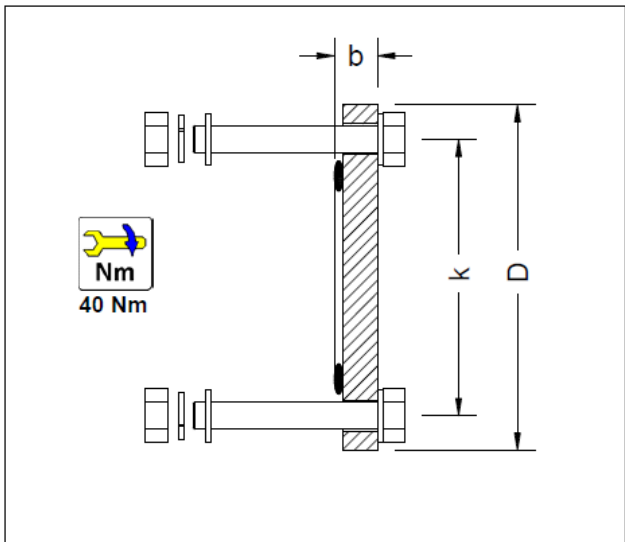
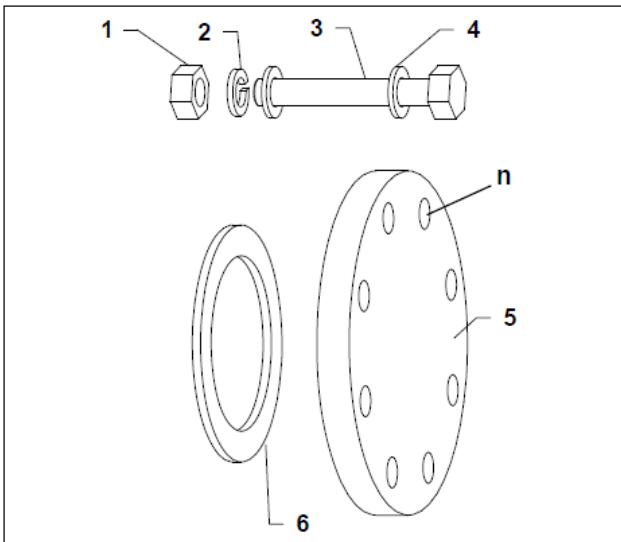


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BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF/PVC	AG-DN-50B	AG-DN-80B	AG-DN-10B	A-3742-00
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
		1	19	19	20	46
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-01C

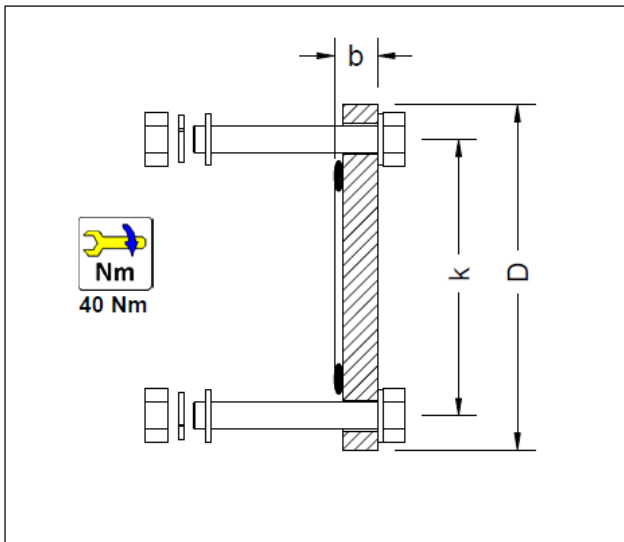
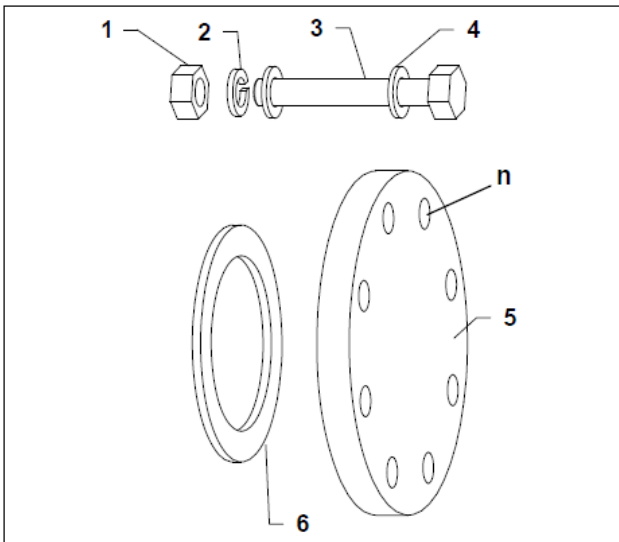
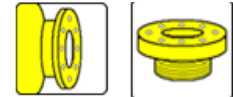


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BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF/PVC	AG-DN-50B	AG-DN-80B	AG-DN-10B	A-3742-00
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
			19	19	20	46
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-01C



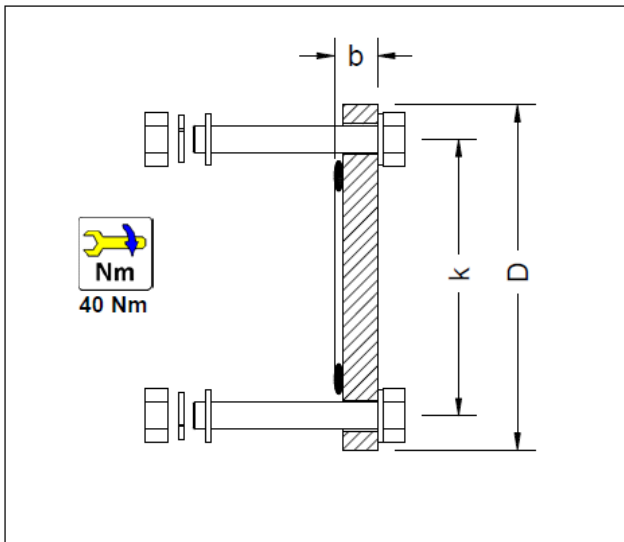
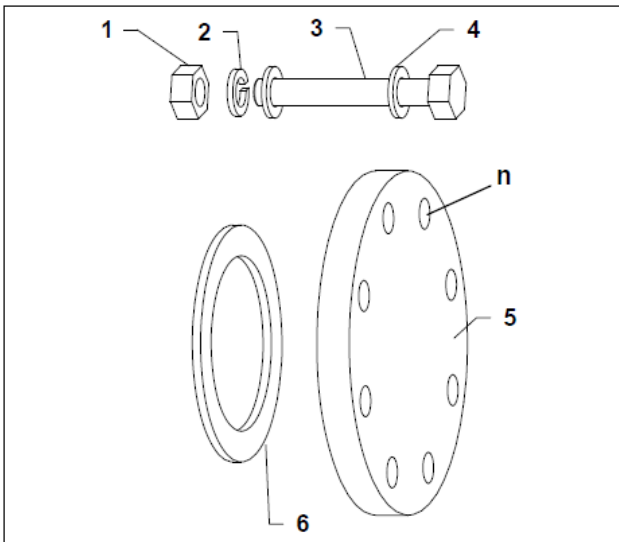
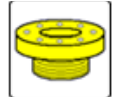
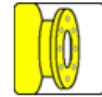


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CHUISURE E ADATTATORI



BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF/PVC	AG-DN-50B	AG-DN-80B	AG-DN-10B	A-3742-00
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
			19	19	20	46
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-01C



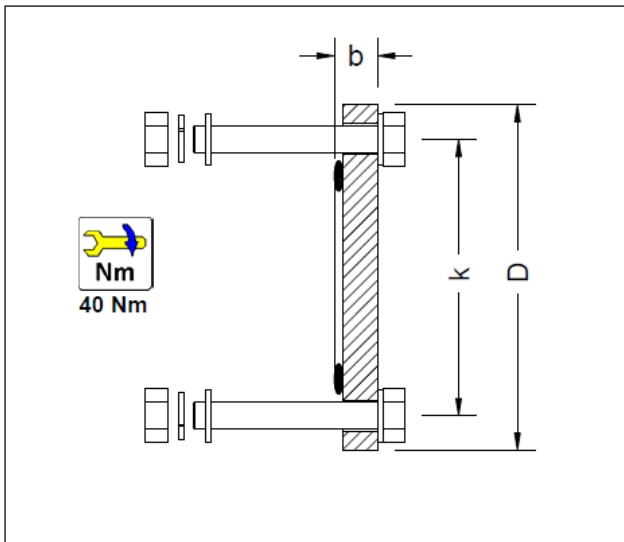
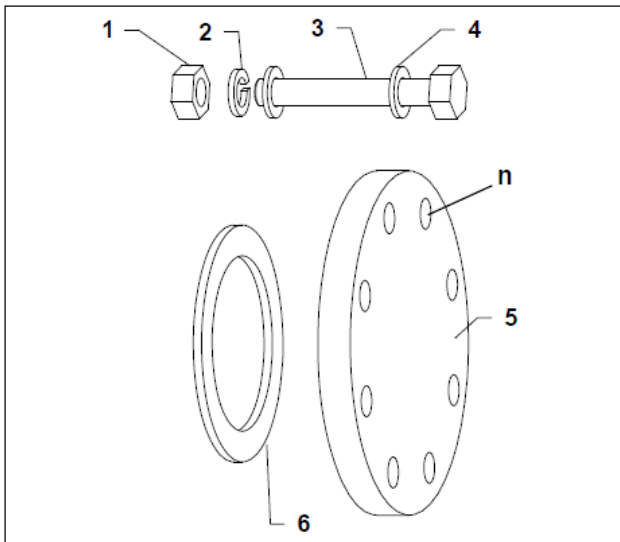
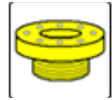
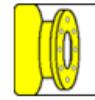


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BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF/PVC	AG-DN-50B	AG-DN-80B	AG-DN-10B	A-3742-00
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
			19	19	20	46
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-01C



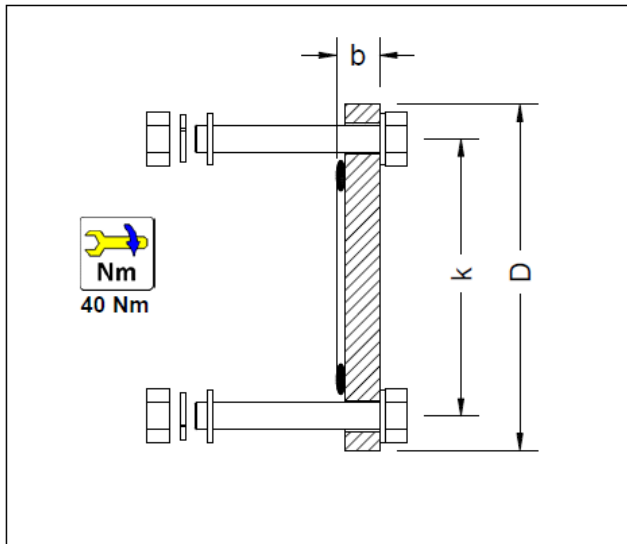
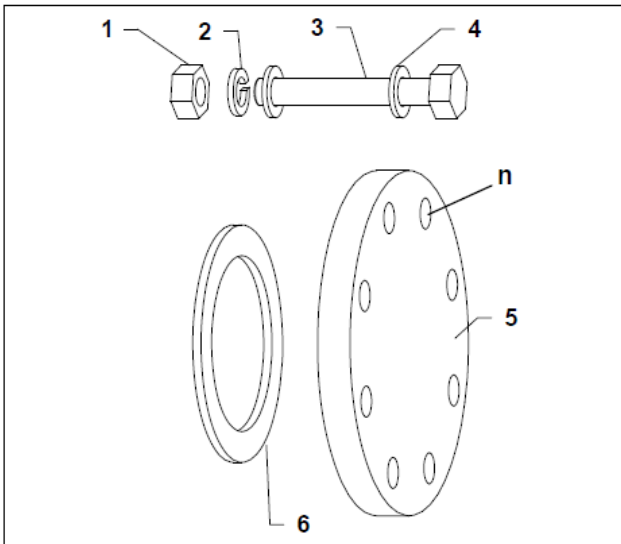
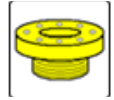
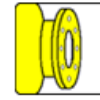


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BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF	AG-DN-50B	AG-DN-80B	AG-DN-10B	AG-DN-20PPGF
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
			19	19	20	41
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-02C



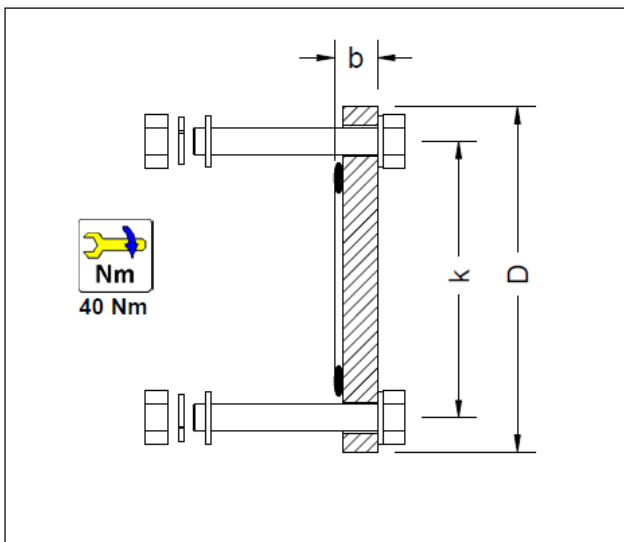
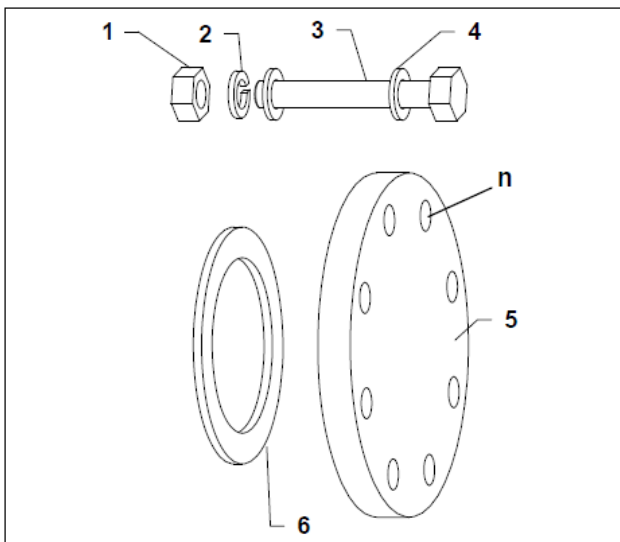
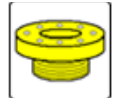
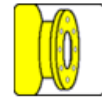


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CHUISURE E ADATTATORI



BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF/PVC	AG-DN-50B	AG-DN-80B	AG-DN-10B	A-3742-00
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
			19	19	20	46
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-01C



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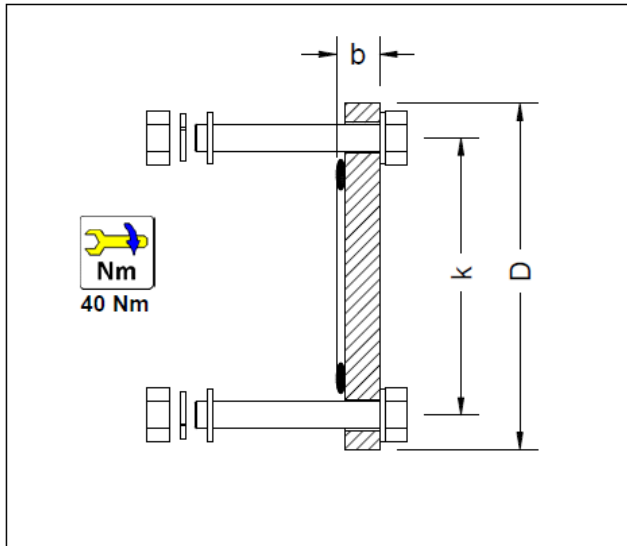
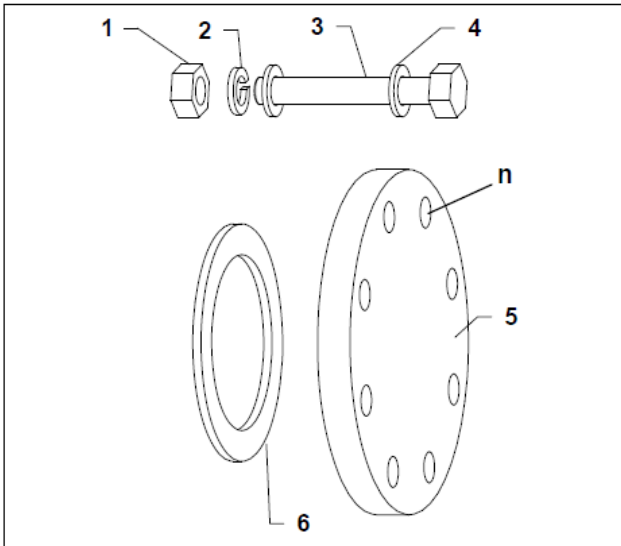
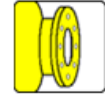


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BLINDFLANGE



Item	Description	Material	DN50	DN80	DN100	DN200
1	Nut	SS	A-M16-A4	A-M16-A4	A-M16-A4	A-M20-A4
2	Spring Washer	SS	A-M16-VRO	A-M16-VRO	A-M16-VRO	A-M20-VRO
3	Bolt	SS	A-M16-90	A-M16-90	A-M16-90	A-M20-120
4	Washer	SS	A-M16-RON	A-M16-RON	A-M16-RON	A-M20-RON
5	Blind Flange	PP-GF	AG-DN-50B	AG-DN-80B	AG-DN-10B	AG-DN-20PPGF
6	Seal	NBR	A-2600-68	A-2600-71	A-2600-67	A-DN20-0D
			4	8	8	8
			19	19	20	41
			145	160	180	295
			185	200	220	340
			AG-DN-50L	AG-DN-80L	AG-DN-10L	A-3200-02C

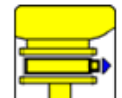
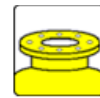


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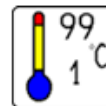
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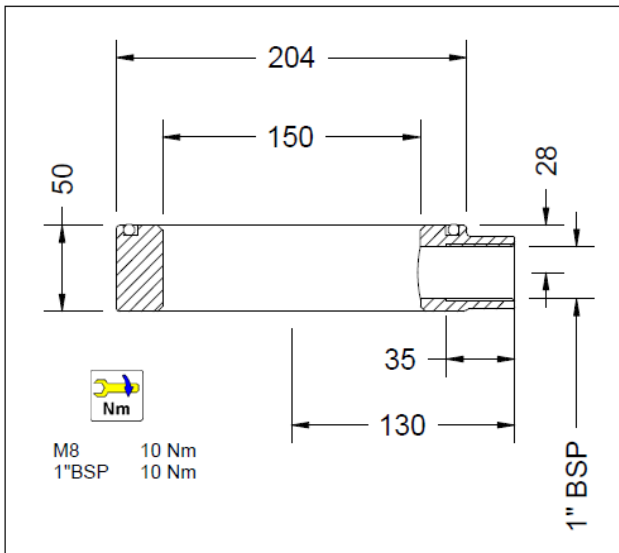
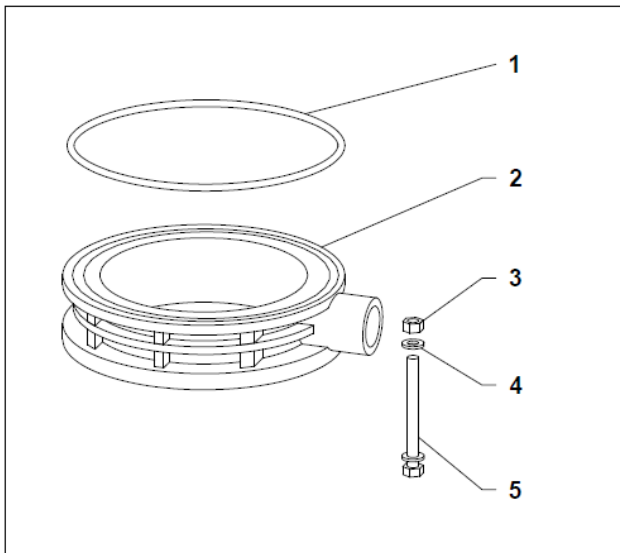
6" FLANGE



DRAIN



1" BSP



1" BSP

Item	Description	Dimensions	Quantity	Material	Part number
1	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
2	Drain insert	6" - 1" BSP	1	PPO	A-085-0002
3	Nut	M8	12	SS	A-M8-A4
4	Washer	M8	24	SS	A-M8-RON
5	Bolt	M8 x 120	12	SS	A-M8-120



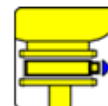
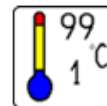
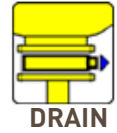
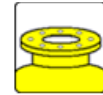
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A-DRAIN-1BSP

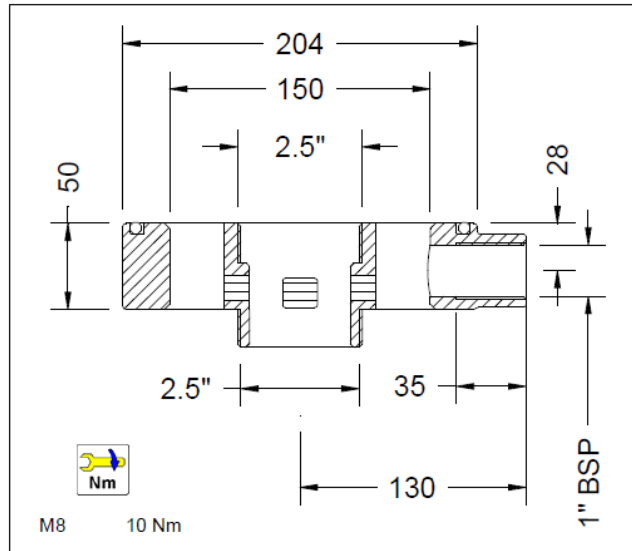
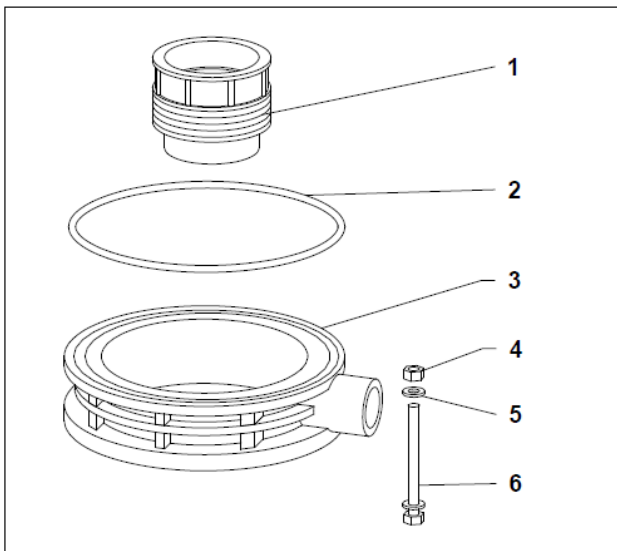
CONNESSIONI PER SCARICO



6" FLANGE



1" BSP



1" BSP
2.5"

Item	Description	Dimensions	Quantity	Material	Part number
1	Prolongation	2.5" - 50mm	1	PPO	A-3100-04C
2	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
3	Drain insert	6"-1" BSP	1	PPO	A-085-0002
4	Nut	M8	12	SS	A-M8-A4
5	Washer	M8	24	SS	A-M8-RON
6	Bolt	M8 x 120	12	SS	A-M8-120



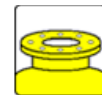
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A-DRAIN-LF

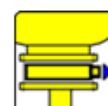
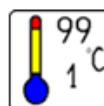
CONNESSIONI PER SCARICO



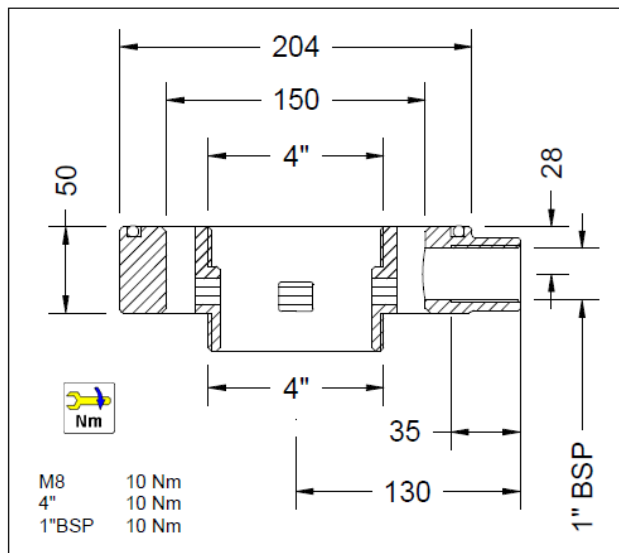
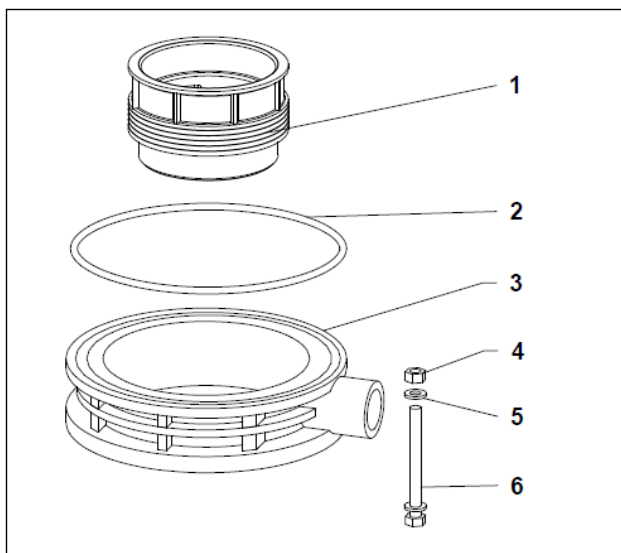
6" FLANGE



DRAIN



1" BSP



1" BSP
4"

Item	Description	Dimensions	Quantity	Material	Part number
1	Prolongation	4" - 50mm	1	PPO	A-3100-05C
2	O-ring	183.52 x 6.99 mm	1	NBR	A-2694-8F
3	Drain insert	6"-1" BSP	1	PPO	A-085-0002
4	Nut	M8	12	SS	A-M8-A4
5	Washer	M8	24	SS	A-M8-RON
6	Bolt	M8 x 120	12	SS	A-M8-120

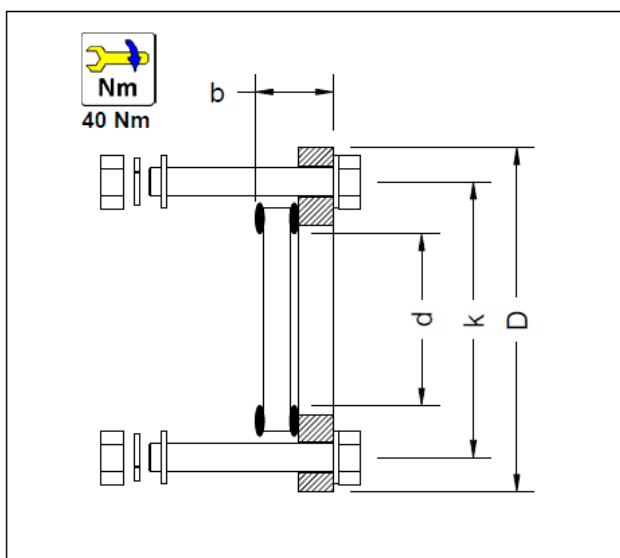
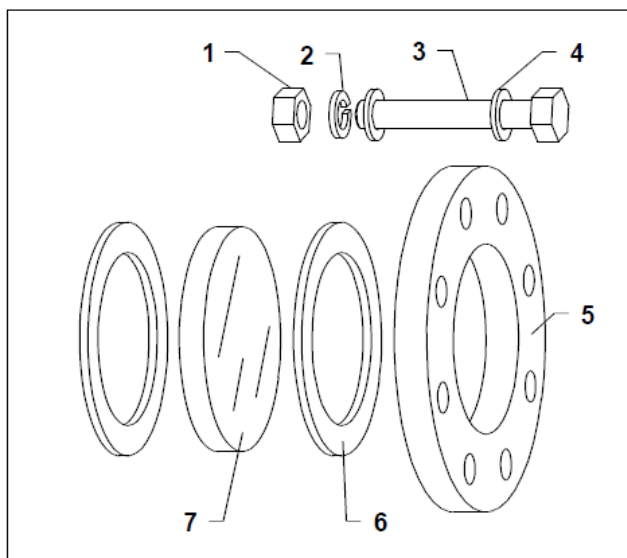
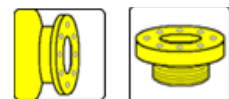


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A-DRAIN-HF



SIGHTGLASS



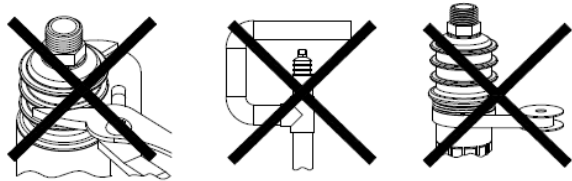
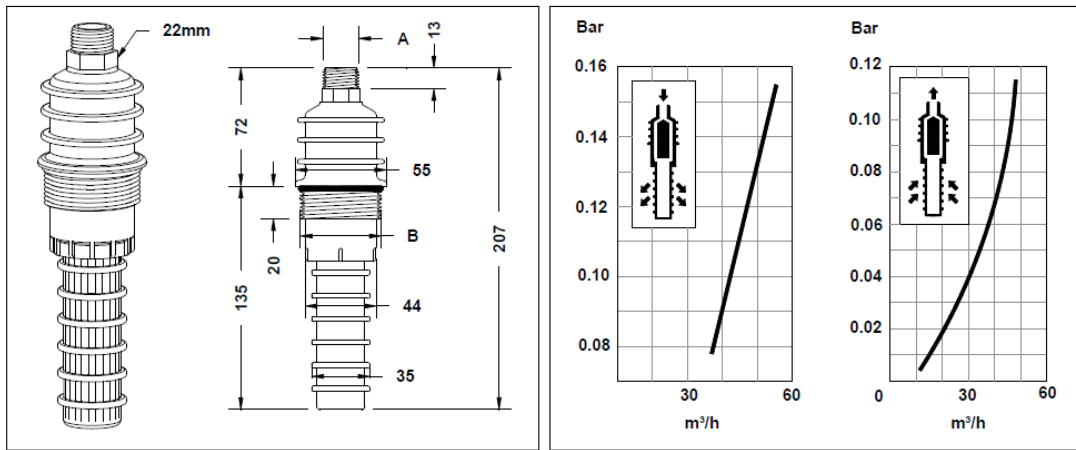
Item	Description	Quantity	Material	DN80	DN100
				Part number	
1	Nut	8	SS	A-M16-A4	A-M16-A4
2	Spring Water	8	SS	A-M16-VRO	A-M16-VRO
3	Bolt	8	SS	A-M16-110	A-M16-110
4	Washer	16	SS	A-M16-RON	A-M16-RON
5	Backing Flange	1	PP-GF	X-1V-IP80	X-0D-N101
6	Seal	1	NBR	A-2600-71	A-2600-67
7	Sightglass	1	GLASS	A-KIJK-80	A-KIJK-100
				45	45
				100	115
				200	220
				160	180
				A-SGHT-DN80	A-SGHT-DN100



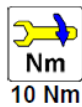
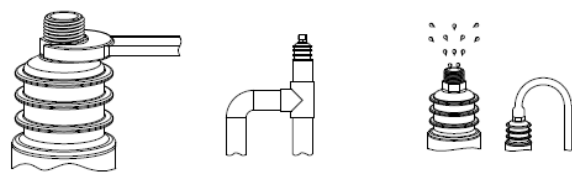
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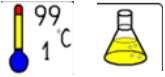


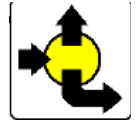
AERATION VALVE



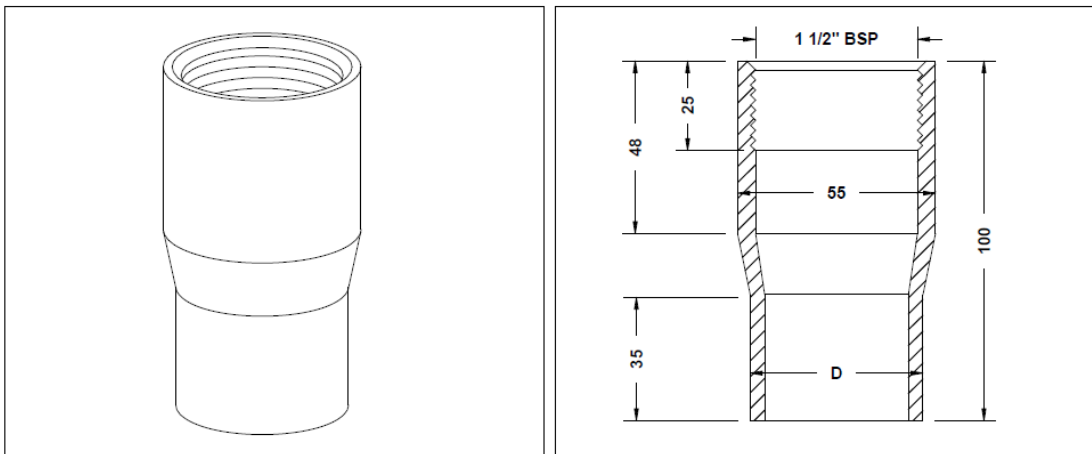
AERATION VALVE





Item	Thread A	Thread B	Material	 1
	1/2" BSP	1 1/2" BSP	PP-GF/EPDM	A-AV-150PP
	1/2" NPT	1 1/2" NPT	PP-GF/EPDM	
	1/2" BSP	1 1/2" BSP	PVDF/FPM	A-AV-150PVDF
	1/2" NPT	1 1/2" NPT	PVDF/FPM	



AERATION VALVE

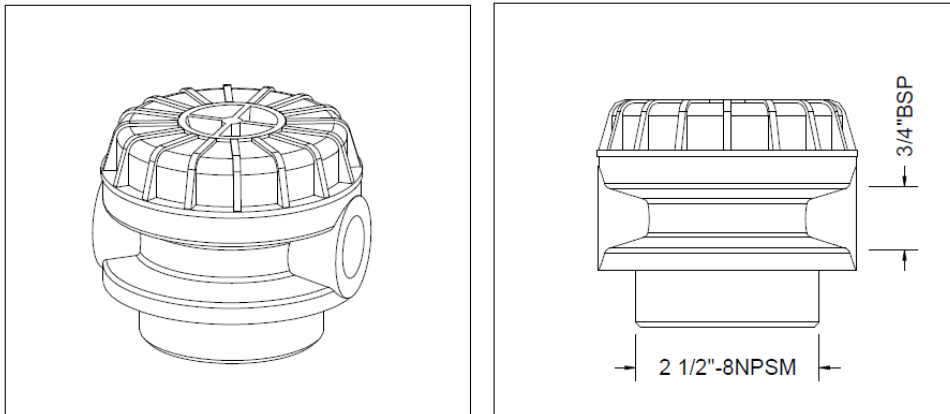


ADAPTER FOR AERATION VALVE

D		Description	Material	 1
48mm		1 1/2" BSP - 48 mm	PVC	A-AV-AD48
50mm		1 1/2" BSP - 50 mm	PVC	A-AV-AD50



2.5" VALVE

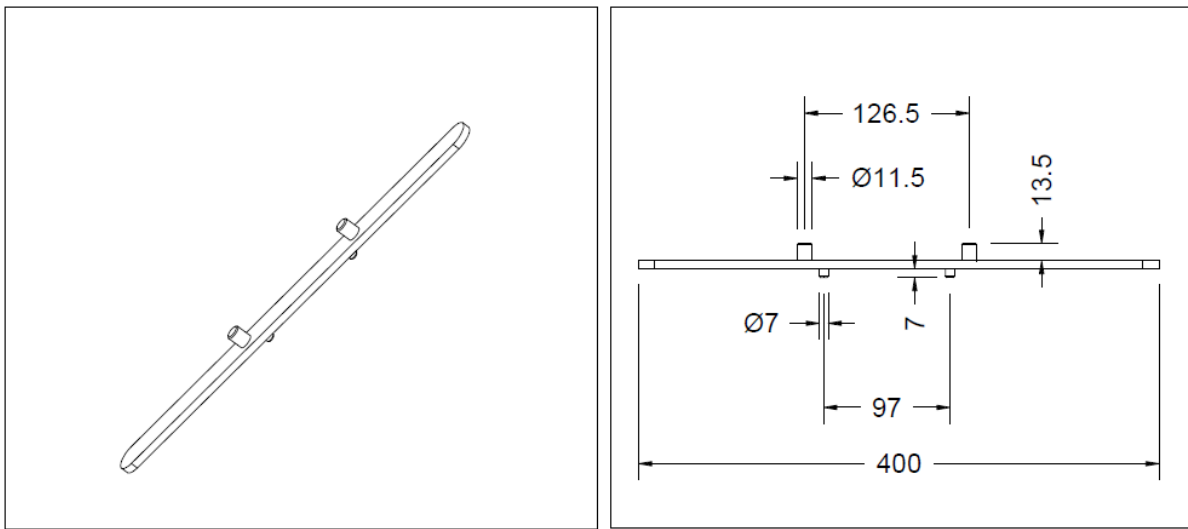
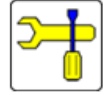


MANUAL VALVE


Type	Thread A	Thread B	Material	 1
	2.5" - 8 NPSM	3/4" BSP	PP	A-ANA-25-G3/4



WRENCHES

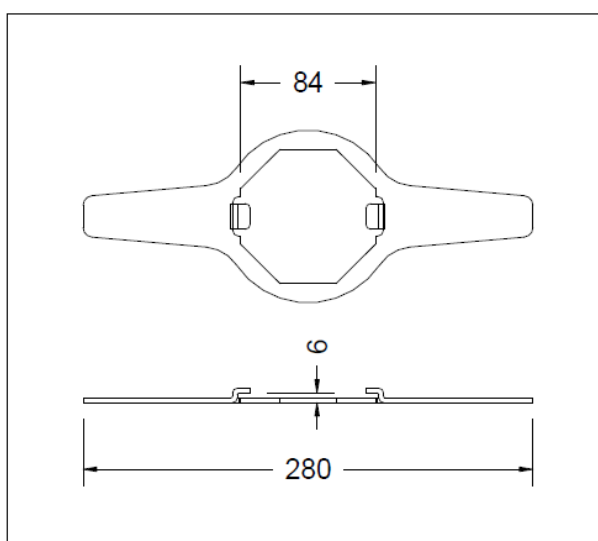
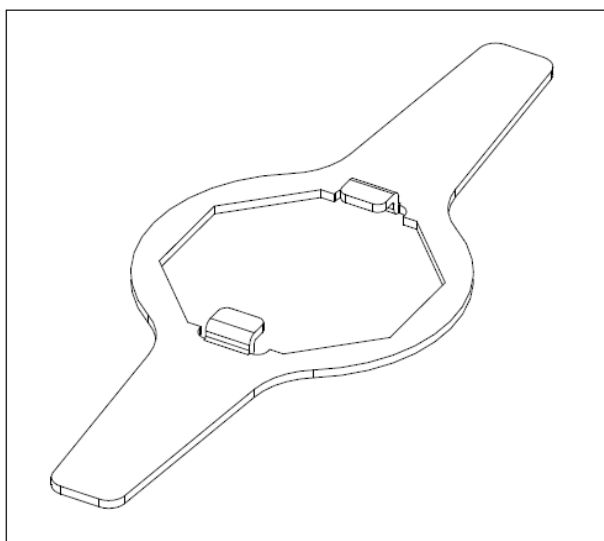


NOTCHED WRENCH FOR ADAPTERS

Item	Description	Dimensions	Quantity	Material	Part number
1	Notched wrench for adapters	Ø7 x 97 Ø11.5 x 126.5	1	STEEL	I-WR01-AD
					 I-WR01-AD
			 1		



WRENCHES



OCTOGONAL WRENCH FOR ADAPTERS
2.5" - 84 MM



Item	Description	Dimensions	Quantity	Material	Part number
1	Octagonal wrench for adapters	2.5" - 84 mm	1	PVC	I-WR05-AD

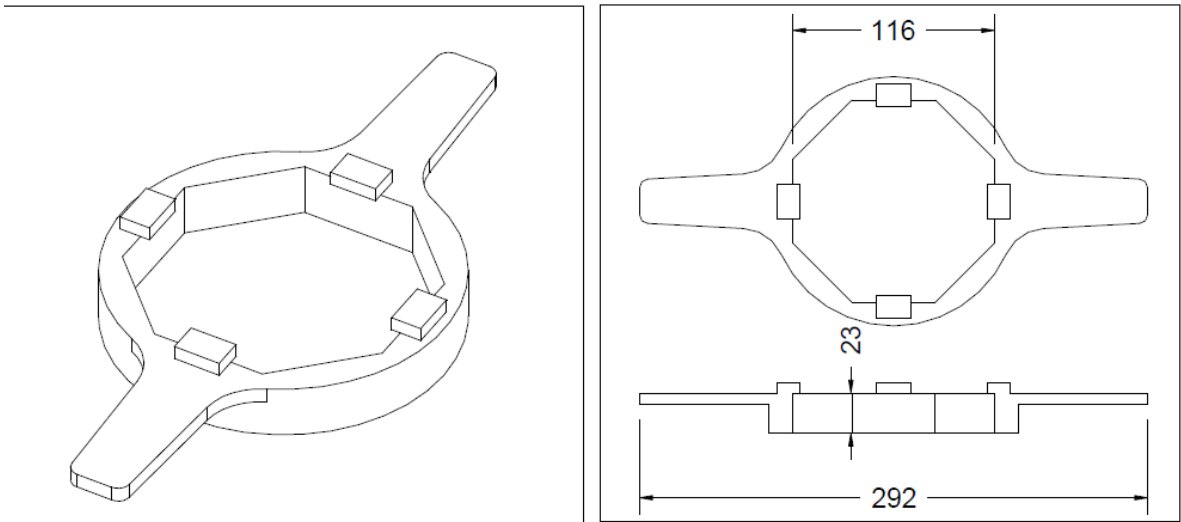


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I-WR05-AD



WRENCHES



OCTAGONAL WRENCH FOR ADAPTERS
4" - 116 MM



Item	Description	Dimensions	Quantity	Material	Part number
1	Octagonal wrench for adapters	4" - 116 mm	1	PVC	I-WR06-AD

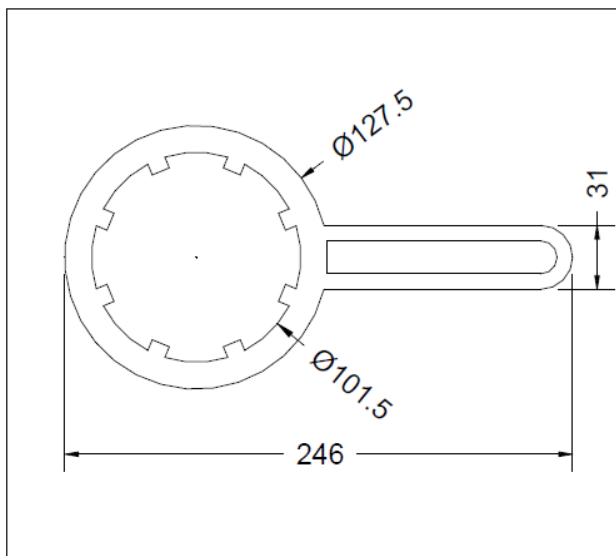
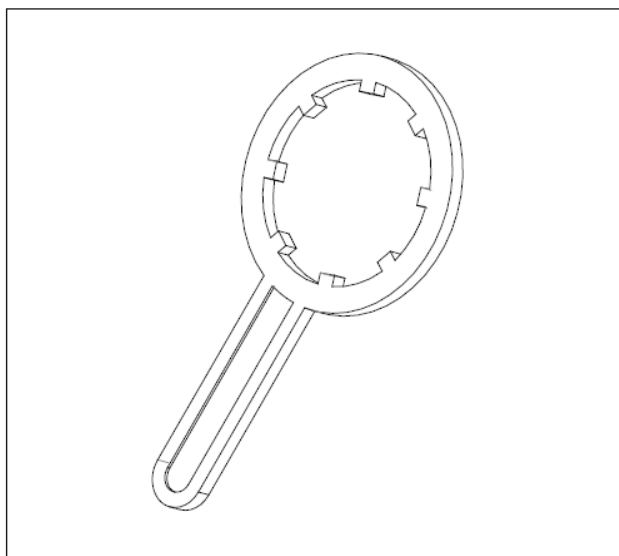


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I-WR06-AD



WRENCHES



WRENCH FOR MANUAL VALVE



Item	Description	Dimensions	Quantity	Material	Part number
1	Wrench for manual valve	101.5	1	PP	A-ANA-S

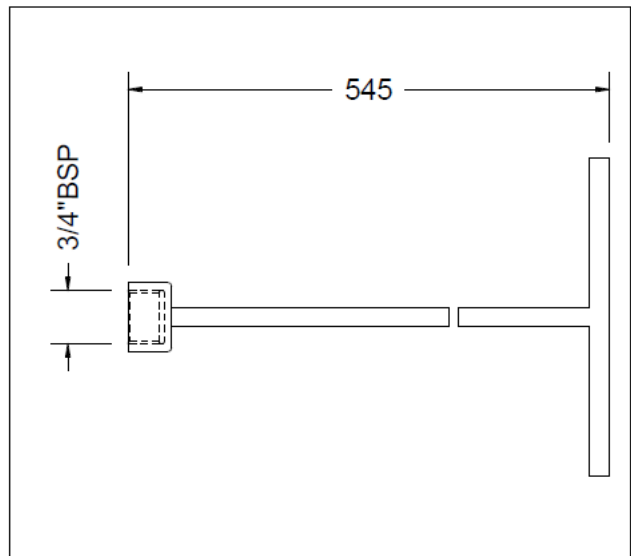
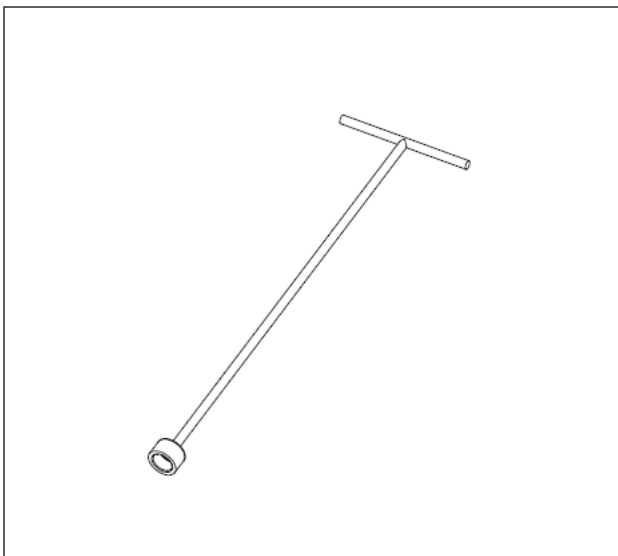
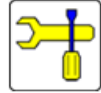


1

A-ANA-S



EXTENSION



EXTENSION
3/4" BSP



Item	Description	Dimensions	Quantity	Material	Part number
1	Extension	3/4" BSP	1	STEEL	I-WR03-LA

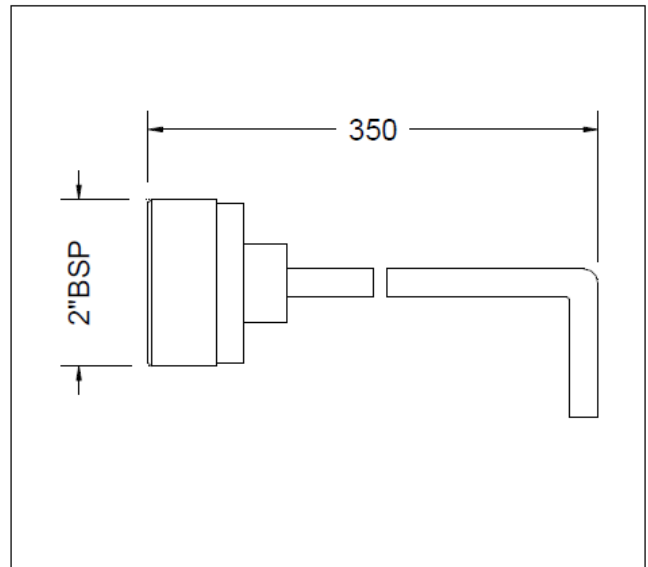
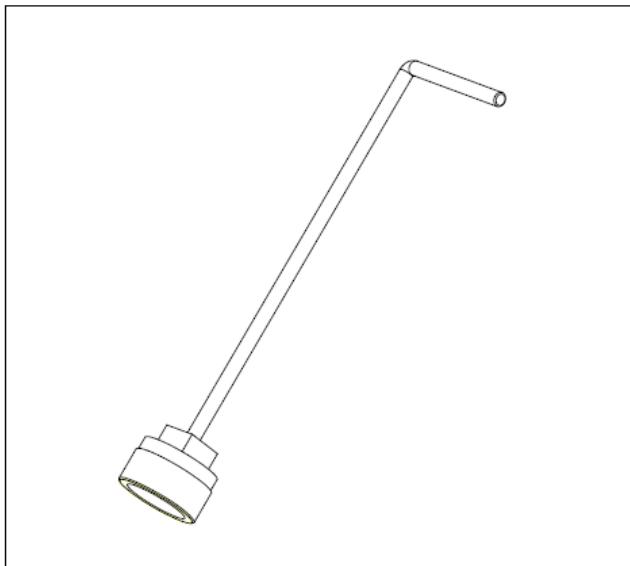


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I-WR03-LA



EXTENSION



EXTENSION
2" BSP

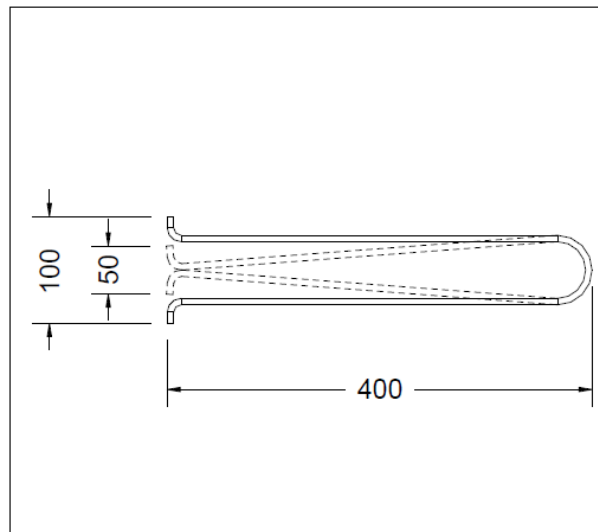
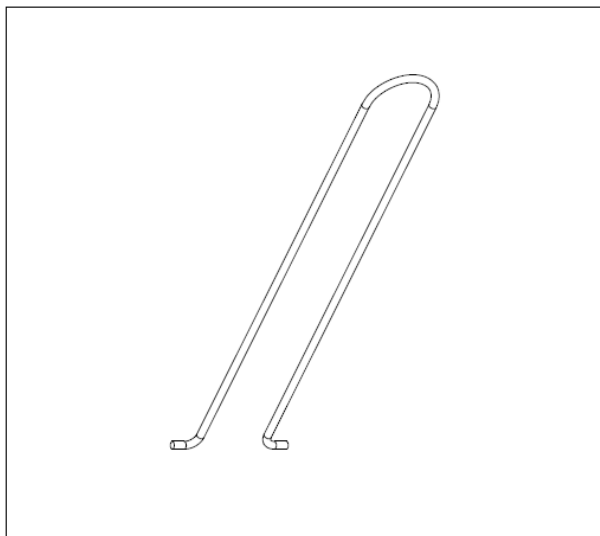
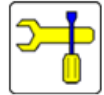
Item	Description	Dimensions	Quantity	Material	Part number
1	Extension	2" BSP	1	STEEL	I-WR02-LA
					 1



I-WR02-LA



EXTENSION



EXTENSION 6-8 HUBS

Item	Description	Dimensions	Quantity	Material	Part number
1	Extension	6-8-HUBS	1	STEEL	I-WR04-LA



1

I-WR04-LA

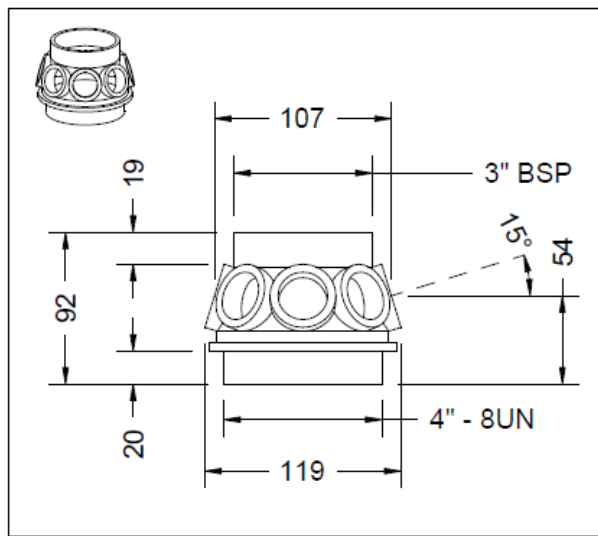
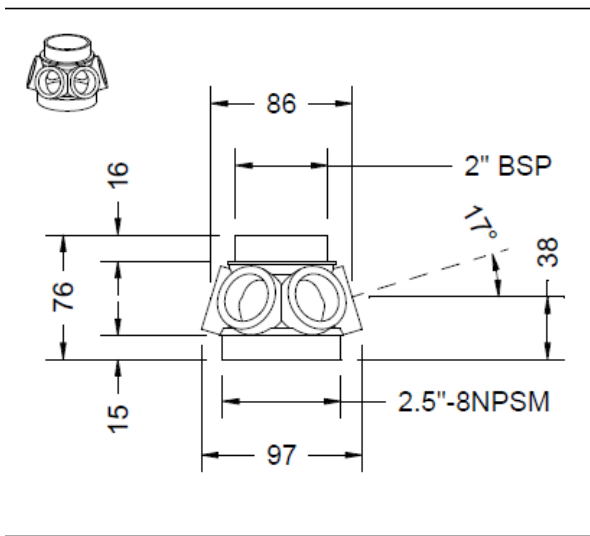


PENTAIR

PARTI DI RICAMBIO



HUB



		Dimensions	Material	Part number
		Hub (6)	PP	AB-H60-00
		Hub (6)	PP	ATD-H60-00
		Hub (8)	PP	ATD-H80-00
		Hub (6)	PP-GF	ATD3-H60-00
		Hub (8)	PP-GF	ATD3-H80-00
		Hub (6)	PVDF	ATD1-H60-00
		Hub (8)	PVDF	ATD1-H80-00

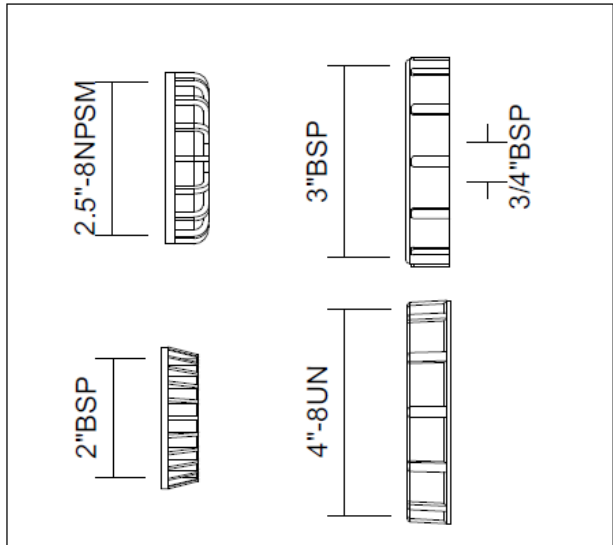
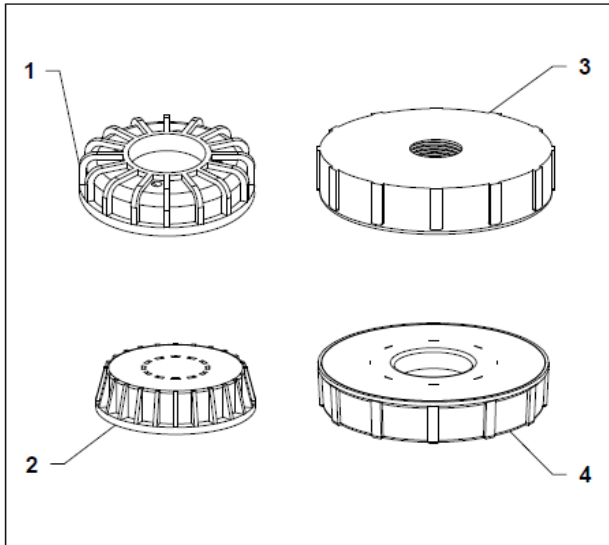





PENTAIR

PARTI DI RICAMBIO



HUBCAP



Item	Description	  		
		PP	PP-GF	PVDF
		Part number		
1	2.5" - 8 NPSM	AC-H60-00	AC3-H60-00	AC1-H60-00
2	2" BSP	AD-H60-00	AD3-H60-00	AD1-H60-00
3	3" BSP - 3/4" BSP	A-BTC8-30	A3-BTC8-30	A1-BTC8-30
4	4" - 8 UN	AD-H80-00	AD3-H80-00	AD1-H80-00

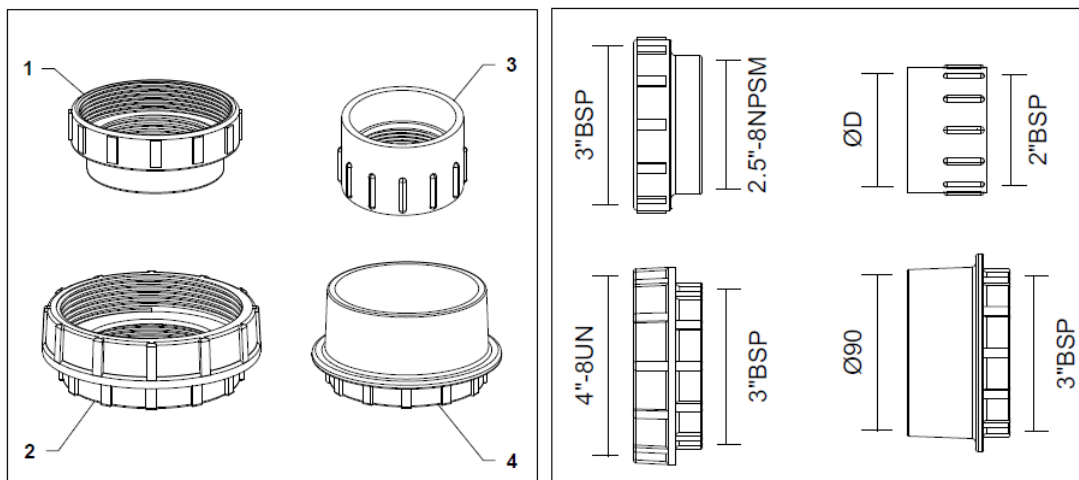
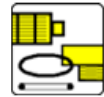






PENTAIR

PARTI DI RICAMBIO



HUBADAPTER



Item	Description	 PVC PP (*)			 PP-GF			 PVDF 		
		Part number								
1	2.5" - 8 NPSM / 3" BSP	AB-C08-30*	AB3-C08-30	AB1-C08-30						
2	3" BSP / 4" -8 UN	AB-C08-40*	AB3-C08-40	AB1-C08-40						
3	2" BSP / D = 50mm	A-2600-63	-	-						
3	2" BSP / D = 60mm	A-1075-1	-	-						
3	2" BSP / D = 63mm	A-1074-1	-	-						
4	3" BSP / 90mm	AB-GC8-30	-	-						

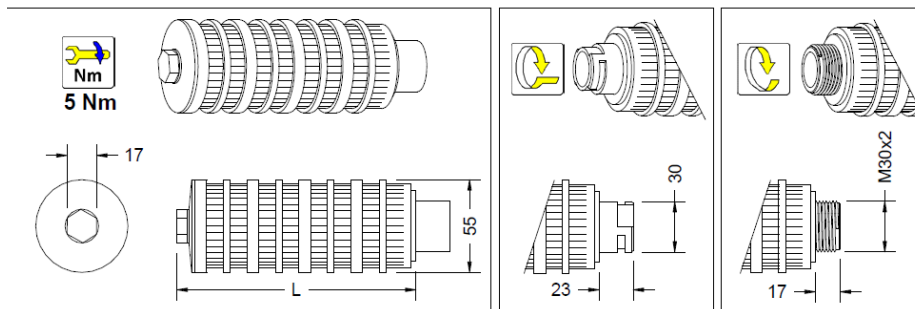


PENTAIR

PARTI DI RICAMBIO



LATERAL



			PVDF	White
			PP-GF PPO	Black
			PP	Gray
			PP	Yellow

L (mm) Length							
113	A-BT02-113	A-BT05-113	A-TH02-113	A-TH05-113	A3-TH02-113	A1-TH02-113	6
175	A-BT02-175	A-BT05-175	A-TH02-175	A-TH05-175	A3-TH02-175	A1-TH02-175	6
268	A-BT02-268	A-BT05-268	A-TH02-268	A-TH05-268	A3-TH02-268	A1-TH02-268	6
330	A-BT02-330	A-BT05-330	A-TH02-330	A-TH05-330	A3-TH02-330	A1-TH02-330	6
361	-	-	A-TH02-361	A-TH05-361	A3-TH02-361	A1-TH02-361	8
423	-	-	A-TH02-423	A-TH05-423	A3-TH02-423	A1-TH02-423	8
485	-	-	A-TH02-485	A-TH05-485	A3-TH02-485	A1-TH02-485	8
515	-	-	A-TH02-515	A-TH05-515	A3-TH02-515	A1-TH02-515	8
578	-	-	A-TH02-578	A-TH05-578	A3-TH02-578	A1-TH02-578	8



PENTAIR

PARTI DI RICAMBIO



DIFFUSOR



 	 	 	PVDF White	PP Gray	PP Yellow
----------	----------	----------	---------------	------------	--------------

T2 (mm) Thread	T1(mm) Thread	h (mm) Height	L (mm) Length	 		 		
				 A-2721-26	 A-2600-65	 A1-2742-BSP		
2" BSP	ø50	30	126	A-2721-26	-	-	1	
2" BSP	ø50	30	180	A-2721-80	A-2600-65	A1-2742-BSP	1	
2.5" - 8 NPSM	2" BSP	20	180	A-2740--	A-2746--	A1-2740--	1	
2.5" - 8 NPSM	2" BSP	20	338	-	A-2746-338	-	1	

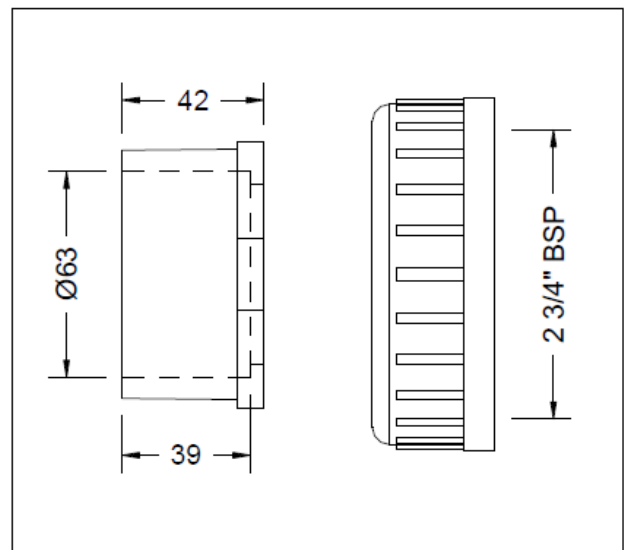
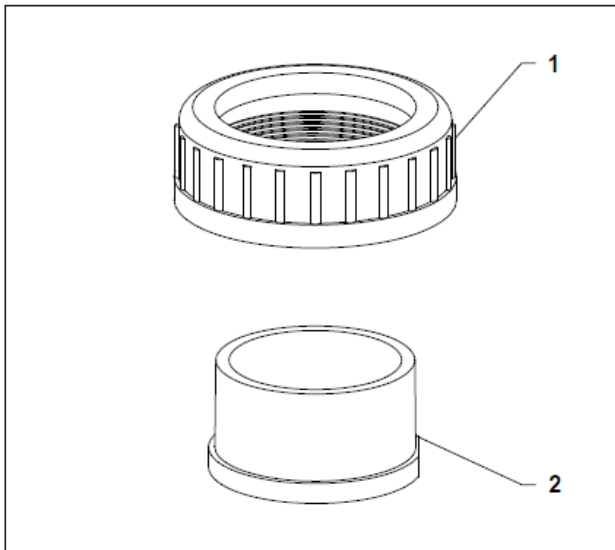


PENTAIR

PARTI DI RICAMBIO



UNION



Item	Description	Material	Part number
1	Collat	PVC	A-8250-63
2	Union nut	PVC	A-8200-63



5

A-8200-63C

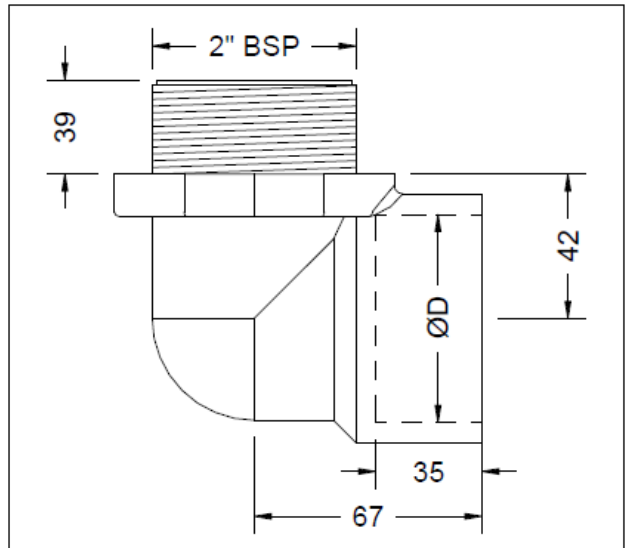
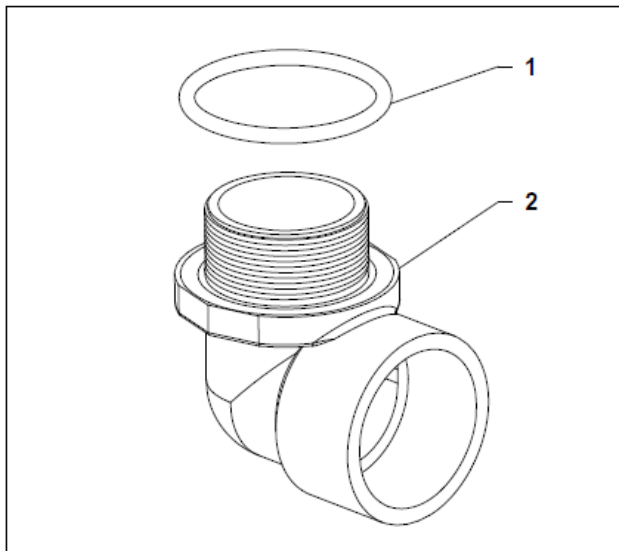


PENTAIR

PARTI DI RICAMBIO



ELBOW



Item	Description	Material	D= 60 mm	D= 63 mm
			Part number	
1	O-ring	NBR	A-2694-17	A-2694-17
2	Elbow	PVC	A-2700--	A-2693--
			A-2700-C	A-2693-C



5

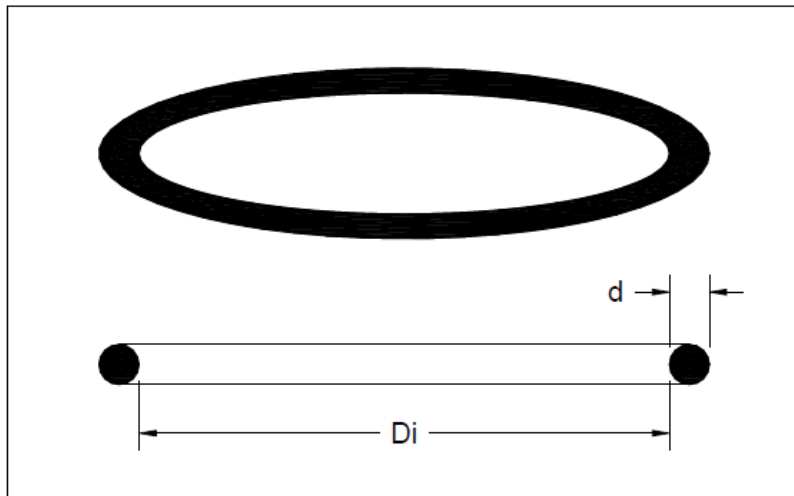


PENTAIR

PARTI DI RICAMBIO



O'RING



Di	d	AS-N°					
			NBR	EPDM	FPM	FEP	
56.52	5.33	AS331	A-2694-60	-	-	-	20
66.04	5.33	AS334	A-2694-17	-	-	-	20
68	3.53	-	-	A-2694-1	-	-	20
98	4	-	A-2694-3	-	-	-	20
110	4	-	A-2694-3F	-	-	-	20
115	5	-	A-2694-BF	-	-	-	20
145.64	3.53	AS256	A-2694-19	-	-	-	20
183.52	6.99	AS442	A-2694-8F	-	A-2694-V8F	A-2694-F8F	20

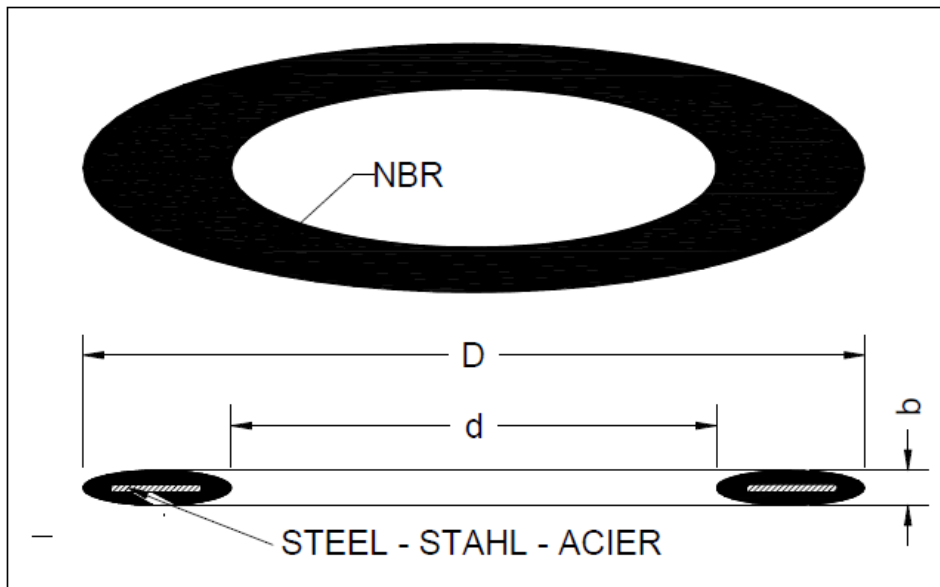


PENTAIR

PARTI DI RICAMBIO



FLAT SEAL



DN DIN2690	D	d	b	Part Number	
DN50	107	61	4	A-2600-68	10
DN65	127	77	4	-	10
DN80	142	90	4	A-2600-71	10
DN100	162	115	5	A-2600-67	10
DN125	192	141	5	-	5
DN150	218	169	5	A-DN15-0D	5
DN200	273	220	6	A-DN20-0D	5
DN300	378	325	6	A-DN30-0D	5
DN400	490	420	7	A-DN40-0D	5



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