

STANDARD ELEMENTAIRE **ELEMENT STANDARD** 

## MANCHETTE COUDEE AVEC FOURREAU POUR TRAVERSEE TU PLASTIQUE

BEND SPOOL PIECE WITH STEEL SLEEVE FOR PLASTIC PIPE PENETRATION

PPP02C5A72 REV. A

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### **PRINCIPALES UTILISATIONS**

Traversée de pont et de cloison Habillage de capacité

### APPLICABILITE POTENTIELLE NAVIRE

Passagers Militaire Méthanier Rapide

#### **DOCUMENTS DE REFERENCE**

- Tube: A.11.12.A1.10 • Fourreau: B.52.51.A1.10
- Brides (voir tableau page 2): - B.52.11.À1.01 & 02 (Bride plate PN10 / PN16)
- B.52.13.A8.10 & 12 (Bride à collerette PN10 / PN16)
- Manchon à serrer: B.52.31.A5.06
- Manchette coudée :
- DN25 à 65 : R=3D / Tube : A.11.12.A1.10 - DN80 à 300 : R=1.5D / Coude : B.51.21.A1.50

## **MATIERE / TRAITEMENT DE SURFACE**

Acier

#### **CARACTERISTIQUES**

- Jonction par brides ou manchon à serrer
- Prévoir les soudures des 2 côtés en zone humide

### MAIN USES

Deck and bulkhead penetration Mounting on tanks

### SHIP POTENTIAL APPLICABILITY

Passengers Military Methanier High speed craft

#### REFERENCE DOCUMENTS

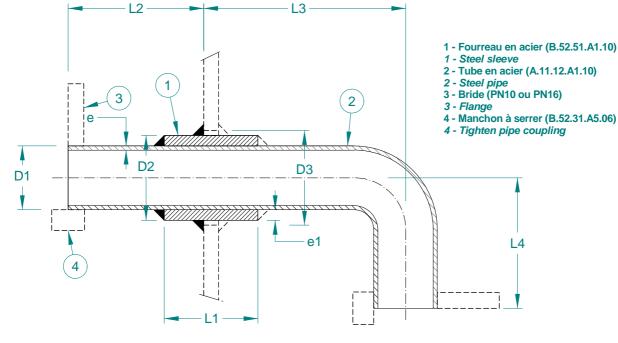
- Pipe: A.11.12.A1.10
- Sleeve: B.52.51.A1.10
- Flanges (refer to table on page 2):
- B.52.11.A1.01 & 02 (Flat flange PN10 / PN16)
- B.52.13.A8.10 & 12 (Neck flange PN10 / PN16)
- Clamping sleeve: B.52.31.A5.06
- Bend spool piece :
- DN25 à 65 : R=3D / Tube : A.11.12.A1.10
- DN80 à 300 : R=1.5D / Coude : B.51.21.A1.50

### MATERIAL / SURFACE TREATMENT Steel

#### **CHARACTERISTICS**

- Junction with flanges or clamping sleeve
- Welding on both sides in wet areas

Nota 1: si montage d'une vanne, une bride sera soudée en atelier / Note 1: if a valve is mounted, a flange shall be welded in workshop



**DOCUMENT DE CONTROLE - A délivrer par le fournisseur** CONTROL DOCUMENTS - To be delivered by the supplier

Sans - None

**MATERIEL AVEC APPROBATION - Type** 

MATERIAL WITH APPROVAL - Type

Sans - None

**FOURNISSEURS / TYPE** SUPPLIER / TYPE

NORME DE REFERENCE REFERENCE standard

ETAT DE LIVRAISON et DE CONDITIONNEMENT **DELIVERY AND CONDITIONNING STATUS** 

Coord. Standardisation: R. GREGOIRE Le 21/10/2016

Resp. Fonction Technique: **B. ABGUILLERM** Le 21/10/2016

(P. GUEGAN le 21/10/2016):

Création du standard pour application sur J34



STANDARD ELEMENTAIRE ELEMENT STANDARD

# MANCHETTE COUDEE AVEC FOURREAU POUR TRAVERSEE TU PLASTIQUE

BEND SPOOL PIECE WITH STEEL SLEEVE FOR PLASTIC PIPE PENETRATION PPP02C5A72 REV. A

ND	PLAS	TU PLASTIQUE Plastic pipe		MANCHETTE ACIER Steel spool piece						FOURREAU ACIER Steel sleeve				T7F (MANCHETTE + FOURREAU) (Spool piece + sleeve)		
D1         e         D2         e1         L1         D3           25         32         33.7         4.50         500         300         350         2.91         42.4         3.60         150         0.97         45         3.88         50000093:           32         40         42.4         5.00         500         300         350         4.07         60.3         8.00         150         1.54         62         5.61         50000093:           40         50         48.3         5.00         500         300         350         4.81         60.3         5.60         150         1.02         62         5.83         50000093:           50         63         60.3         4.50         500         300         350         5.54         76.1         6.30         150         1.62         78         7.16         50000093:           65         75         76.1         5.00         500         300         350         7.58         88.9         5.60         150         3.37         91         10.95         50000093:           80         90         88.9         5.60         500         300         350         13.89					L2	L3	L4				Length				REFERENCE OBJET ARTICLE	
32       40       42.4       5.00       500       300       350       4.07       60.3       8.00       150       1.54       62       5.61       50000093:         40       50       48.3       5.00       500       300       350       4.81       60.3       5.60       150       1.02       62       5.83       50000093:         50       63       60.3       4.50       500       300       350       5.54       76.1       6.30       150       1.62       78       7.16       50000093:         65       75       76.1       5.00       500       300       350       7.58       88.9       5.60       150       3.37       91       10.95       50000093:         80       90       88.9       5.60       500       300       350       10.35       114.3       10.00       150       3.83       117       14.18       50000093:         100       110       114.3       5.60       500       300       350       13.89       133.0       8.00       150       3.67       136       17.56       50000093:         125       140       139.7       5.00       500       300       3			D1	е					D2	e1			D3			
40         50         48.3         5.00         500         300         350         4.81         60.3         5.60         150         1.02         62         5.83         50000093           50         63         60.3         4.50         500         300         350         5.54         76.1         6.30         150         1.62         78         7.16         50000093           65         75         76.1         5.00         500         300         350         7.58         88.9         5.60         150         3.37         91         10.95         50000093           80         90         88.9         5.60         500         300         350         10.35         114.3         10.00         150         3.83         117         14.18         50000093           100         110         114.3         5.60         500         300         350         13.89         133.0         8.00         150         3.67         136         17.56         50000093           125         140         139.7         5.00         500         300         350         14.88         168.3         11.00         150         4.44         171         19.32	25	32	33.7	4.50	500	300	350	2.91	42.4	3.60	150	0.97	45	3.88	5000009333	
50         63         60.3         4.50         500         300         350         5.54         76.1         6.30         150         1.62         78         7.16         50000093:           65         75         76.1         5.00         500         300         350         7.58         88.9         5.60         150         3.37         91         10.95         50000093:           80         90         88.9         5.60         500         300         350         10.35         114.3         10.00         150         3.83         117         14.18         50000093:           100         110         114.3         5.60         500         300         350         13.89         133.0         8.00         150         3.67         136         17.56         50000093:           125         140         139.7         5.00         500         300         350         14.88         168.3         11.00         150         4.44         171         19.32         50000093:           150         160         168.3         4.50         500         349         350         23.17         193.7         10.00         150         6.75         197 <td< td=""><td>32</td><td>40</td><td>42.4</td><td>5.00</td><td>500</td><td>300</td><td>350</td><td>4.07</td><td>60.3</td><td>8.00</td><td>150</td><td>1.54</td><td>62</td><td>5.61</td><td>5000009334</td></td<>	32	40	42.4	5.00	500	300	350	4.07	60.3	8.00	150	1.54	62	5.61	5000009334	
65         75         76.1         5.00         500         300         350         7.58         88.9         5.60         150         3.37         91         10.95         50000093:           80         90         88.9         5.60         500         300         350         10.35         114.3         10.00         150         3.83         117         14.18         50000093:           100         110         114.3         5.60         500         300         350         13.89         133.0         8.00         150         3.67         136         17.56         50000093:           125         140         139.7         5.00         500         300         350         14.88         168.3         11.00         150         4.44         171         19.32         50000093:           150         160         168.3         4.50         500         349         350         23.17         193.7         10.00         150         6.75         197         29.92         50000093:           200         225         219.1         6.30         500         382         350         29.96         244.5         10.00         150         8.62         248	40	50	48.3	5.00	500	300	350	4.81	60.3	5.60	150	1.02	62	5.83	5000009335	
80       90       88.9       5.60       500       300       350       10.35       114.3       10.00       150       3.83       117       14.18       500000933         100       110       114.3       5.60       500       300       350       13.89       133.0       8.00       150       3.67       136       17.56       500000933         125       140       139.7       5.00       500       300       350       14.88       168.3       11.00       150       4.44       171       19.32       50000093         150       160       168.3       4.50       500       349       350       23.17       193.7       10.00       150       6.75       197       29.92       50000093         200       225       219.1       6.30       500       382       350       29.96       244.5       10.00       150       8.62       248       38.58       50000093	50	63	60.3	4.50	500	300	350	5.54	76.1	6.30	150	1.62	78	7.16	5000009336	
100       110       114.3       5.60       500       300       350       13.89       133.0       8.00       150       3.67       136       17.56       500000933         125       140       139.7       5.00       500       300       350       14.88       168.3       11.00       150       4.44       171       19.32       50000093         150       160       168.3       4.50       500       349       350       23.17       193.7       10.00       150       6.75       197       29.92       50000093         200       225       219.1       6.30       500       382       350       29.96       244.5       10.00       150       8.62       248       38.58       50000093	65	75	76.1	5.00	500	300	350	7.58	88.9	5.60	150	3.37	91	10.95	5000009337	
125     140     139.7     5.00     500     300     350     14.88     168.3     11.00     150     4.44     171     19.32     500000934       150     160     168.3     4.50     500     349     350     23.17     193.7     10.00     150     6.75     197     29.92     500000934       200     225     219.1     6.30     500     382     350     29.96     244.5     10.00     150     8.62     248     38.58     500000934	80	90	88.9	5.60	500	300	350	10.35	114.3	10.00	150	3.83	117	14.18	5000009338	
150     160     168.3     4.50     500     349     350     23.17     193.7     10.00     150     6.75     197     29.92     50000093       200     225     219.1     6.30     500     382     350     29.96     244.5     10.00     150     8.62     248     38.58     50000093	100	110	114.3	5.60	500	300	350	13.89	133.0	8.00	150	3.67	136	17.56	5000009339	
200     225     219.1     6.30     500     382     350     29.96     244.5     10.00     150     8.62     248     38.58     500000934	125	140	139.7	5.00	500	300	350	14.88	168.3	11.00	150	4.44	171	19.32	5000009340	
	150	160	168.3	4.50	500	349	350	23.17	193.7	10.00	150	6.75	197	29.92	5000009341	
250 280 273.0 6.30 500 383 381 44.04 298.5 10.00 150 10.60 303 54.64 <b>50000093</b>	200	225	219.1	6.30	500	382	350	29.96	244.5	10.00	150	8.62	248	38.58	5000009342	
	250	280	273.0	6.30	500	383	381	44.04	298.5	10.00	150	10.60	303	54.64	5000009343	

All dimensions in mm (weight in kg)

323.9

315

300

## Principe de sélection des brides / Selection of flanges :

500

457

457

56.20

355.6

12.50

150

15.76

359

71.96

5000009344

7.10

DN	Sans vanne papillon Without butterfly valve	Avec vanne papillon With butterfly valve				
25						
32						
40		B.52.11.A1.02				
50						
65	B.52.11.A1.02					
80						
100						
125		B.52.13.A8.12				
150						
200	B.52.11.A1.01 (PN10)	B.52.13.A8.10 (PN10)				
250	ou `´´	ou ` ´				
300	B.52.11.A1.02 (PN16)	B.52.13.A8.12 (PN16)				