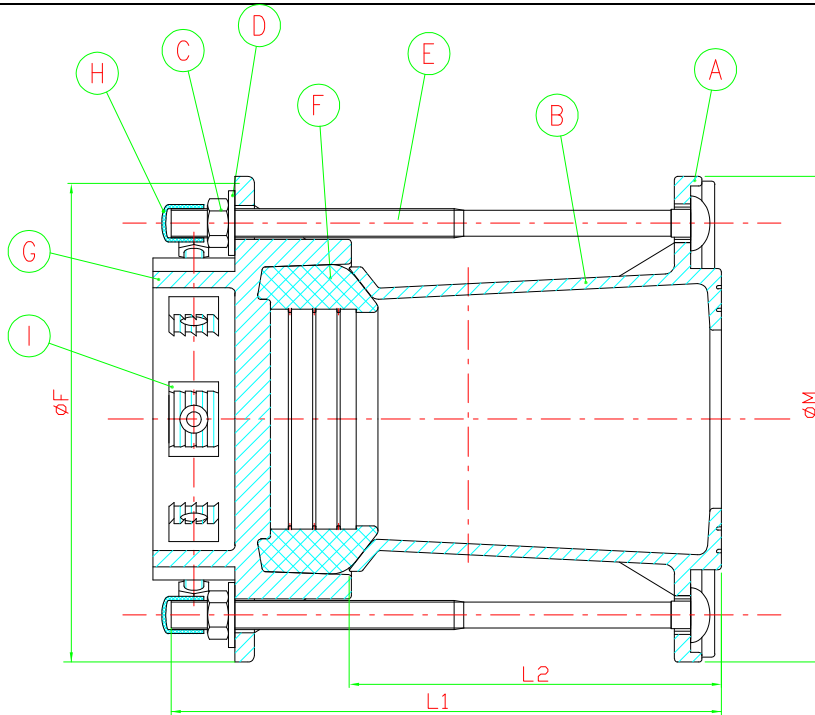


## TECHNICAL CARD

### SMART SERIES FLANGE ADAPTORS WITH END RESTRAINTS



<b>NOMINAL PRESSURE:</b>	<b>1.6 MPA (Table UNI 1284)</b>
<b>TEST PRESSURE:</b>	<b>2.5 MPA (Table UNI 1284)</b>
<b>WORKING PRESSURE:</b>	<b>1.6 MPA (Table UNI 1284)</b>
<b>ANTICORROSION COATING:</b>	<b>RILSAN NYLON 11</b>



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JOINTING, REPAIRING AND HOT-TAPPING SYSTEMS FOR LAND AND MARINE PIPELINES

**Head Office – Headquarters and Offices**  
Via Marconi 4/6, 10060 ROLETTO (TO), ITALY  
Tel. +39-0121- 342256 Fax. +39-0121-342303  
E-MAIL: [info@novasiria.it](mailto:info@novasiria.it)  
WEB SITE: [www.novasiria.it](http://www.novasiria.it)

**Export Office**  
Via Marconi 4/6 , 10060 ROLETTO(TO) –ITALY  
Tel.:+39-0121-342257 Fax:+39-0121-342612  
E-MAIL: [info@wisesynergy.it](mailto:info@wisesynergy.it)  
WEB SITE: [www.wisesynergy.it](http://www.wisesynergy.it)

DRAWN BY:  
Moriena Valentino

CHECKED BY:  
Luigi Ferrero

DATE:  
04/11/2009

SCALE:  
NOT TO SCALE

# TECHNICAL CARD

## SMART SERIES FLANGE ADAPTORS WITH END RESTRAINTS

### PARTS AND MATERIALS DESCRIPTION

Part	Description	Materials
A	CONNECTION FLANGE PN 10/16	DUCTILE IRON GGG50 + ANTICORROSION COATING RILSAN NYLON 11
B	MAIN FITTING BODY	DUCTILE IRON GGG50 + ANTICORROSION COATING RILSAN NYLON 11
C	MEDIUM HEXAGONAL NUT(UNI 5588-65)	DACROMET COATED STEEL
D	WASHER (UNI 6592)	
E	MUSHROOM HEAD SQUARE NECK BOLT (UNI 5737)	
F	TORODAL SEALING GASKET WITH TRUNCATED CONE-CROSS SECTION	EPDM
G	COMPRESSION FOLLOWER	DUCTILE IRON GGG50 + ANTICORROSION COATING RILSAN NYLON 11
H	THREAD PROTECTION CAP	RUBBER
I	END RESTRAINTS GRIPPER	TEMPERED STEEL+ DACROMET COATING

MODEL	Range (mm)		Dimensions (mm)			N°	Flange holes	Bolts Dimensions	N° End restraints gripper	FLANGE DN UNI	ØF	Weight KG
	Min OD	Max OD	L1	L2	ØM							
SMFPL-74-58	58	74	170	100	165	4	a,b,c,d	M12x170	4	50	170	6,22
SMFPL-84-68	68	84	170	100	185	4	a,b,c,d	M12x170	4	50/65	183	7,20
SMFPL-105-84	84	105	170	100	200	4	a,b,c,d	M12x170	4	80	210	8,26
SMFPL-118-99	99	118	170	100	230	4	a,b,c,d	M12x170	4	100	223	8,96
SMFPL-133-109	109	133	170	100	230	4	a,b,c,d	M12x170	4	100	244	10,32
SMFPL-157-133	133	157	185	116	285	4	a,b,c,d	M12x190	4	125/150	268	13,46
SMFPL-182-157	157	182	180	110	285	4	a,b,d	M12x190	4	150	296	13,72
SMFPL-215-194	194	215	190	118	343	4	a,b,d	M12x190	4	200	322	16,88
SMFPL-242-218	218	242	190	120	343	4	a,b	M12x190	4	200	354	18,48
SMFPL-268-242	242	268	190	120	406	6	a,b	M12x190	6	250	403	
SMFPL-291-266	266	291	190	120	406	6	a,b	M12x190	6	250	405	24,04
SMFPL-305-280	280	305	190	120	406	6	a,b	M12x190	6	250	424	27,72
SMFPL-327-302	302	327	190	120	483	6	a,b,d	M12x190	6	300	443	29,56

### TYPE OF ADAPTABLE FLANGE DRILLING

- a. ISO 7005-2, EN 1092-2:1997, DIN2501;
- b. ANSI B16. CL125;
- c. BS 10 TABLE D
- d. BS 10 TABLE E

EPDM GASKETS, RILSAN COATING AND GASKET LUBRICANT ARE SUITABLE FOR CONTACT WITH DRINKING WATER according to WRAS test reports and FDA and USDA group H1 specifications respectively.