



- NOTE:
- Dimension "J" complying with EN 558-1: basic series 13 for class ANSI150-300 basic series 14 for class ANSI600
  - Dimensions " $\phi H$ ,  $\phi I$ , L, M" complying with ASME B16.5 flanged ANSI150, ANSI300, ANSI600
  - "M" thread is in accordance to UNC thread ASNI B1.1, for thread  $>1"$  use 8-UN thread pitch
  - Only on request is possible to have METRIC thread (as shown in the table below)
  - Pressure/temperature class complying with ASME B16.34

METRIC thread	UNC thread	8-UN thread						
M16	M20	M22	M27	M30	M33	M39	M42	M48
5/8"	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.1/2"	1.5/8"	1.7/8"

DN	ANSI150 ASME B16.5										ISO 5211								
	A	B	C	$\phi D$	Key (2x)	E	F	$\phi G$	$\phi H$	$\phi I$	L	M	$\phi N$	P	$\phi R$	J	K	Y	kg
80	270	133	137	18	6x6x40	45	100	127	168,3	210	8	3/4"	70-102	4	9-11	114	-	-	19
100	313	156	157	20	6x6x40	60	100	157	190,5	230	8	5/8"	70-102	4	9-11	127	-	-	32
125	340	170	170	20	6x6x40	60	100	186	215,9	255	8	3/4"	70-102	4	9-11	140	-	-	34
150	374	188	186	24	8x7x40	60	100	216	241,3	280	8	3/4"	102-125	4	9-11	140	-	-	40
200	416	209	207	28	8x7x40	60	120	270	298,5	345	8	3/4"	125-140	4	13-17	152	18	103	55
250	502	255	247	30	8x7x40	60	120	325	362,0	405	12	7/8"	125-140	4	13-17	165	31	158	88
300	583	298	285	35	10x8x40	60	120	376	431,8	485	12	7/8"	125-140	4	13-17	178	50	214	130
350	677	344	333	40	12x8x50	70	150	414	476,3	535	12	1"	140-165	4	17-21	190	61	248	156
400	762	382	380	45	14x9x63	80	150	470	539,8	595	16	1"	140-165	4	17-21	216	72	282	202
450	837	426	411	50	14x9x63	80	150	532	577,9	635	16	1.1/8"	140-165	4	17-21	222	95	344	265
500	911	461	450	50	14x9x63	80	150	584	635,0	700	20	1.1/8"	254	8	17	229	113	396	298
600	1077	538	539	60	18x11x90	120	150	692	749,3	815	20	1.1/4"	254	8	17	267	141	476	484

DN	ANSI300 ASME B16.5										ISO 5211								
	A	B	C	$\phi D$	Key (2x)	E	F	$\phi G$	$\phi H$	$\phi I$	L	M	$\phi N$	P	$\phi R$	J	K	Y	kg
80	279	142	137	18	6x6x40	45	100	127	168,3	210	8	3/4"	70-102	4	9-11	114	-	-	26
100	317	160	157	20	6x6x50	60	100	157	200	254	8	3/4"	70-102	4	9-11	127	-	-	36
125	350	175	175	24	8x7x50	60	100	186	234,9	280	8	3/4"	102-125	4	11-13	140	-	-	48
150	382	192	190	28	8x7x50	60	100	216	269,9	317	12	3/4"	102-125	4	11-13	140	-	-	53
200	457	232	225	30	8x7x50	60	120	270	330,2	381	12	7/8"	125-140	4	13-17	152	18	103	95
250	513	265	248	35	10x8x50	60	120	324	387,3	444	16	1"	125-140	4	13-17	165	31	158	155
300	600	310	290	45	14x9x50	60	150	381	450,8	521	16	1.1/8"	125-140	4	13-17	178	50	214	254
350	688	348	340	50	14x9x63	70	150	413	514,3	584	20	1.1/8"	140-165	4	17-21	190	61	248	312
400	763	388	375	60	18x11x70	80	150	470	571,5	648	20	1.1/4"	140-165	4	17-21	216	72	282	360
450	830	430	400	65	18x11x70	80	150	533	628,6	710	24	1.1/4"	140-165	4	17-21	222	95	344	550
500	926	468	458	70	20x12x70	80	150	584	685,8	775	24	1.1/4"	254	8	21	229	113	396	598
600	1062	552	510	80	22x14x90	120	150	692	812,8	914	24	1.1/2"	254	8	21	267	141	476	902

DN	ANSI600 ASME B16.5										ISO 5211								
	A	B	C	$\phi D$	Key (2x)	E	F	$\phi G$	$\phi H$	$\phi I$	L	M	$\phi N$	P	$\phi R$	J	K	Y	kg
80	289	152	137	20	6x6x40	50	100	127	168,3	210	8	3/4"	F10-F12	4	9-11	180	-	-	36
100	345	188	157	30	8x7x40	50	100	157	215,9	275	8	7/8"	F12-F14	4	9-11	190	-	-	63
125	390	215	175	35	10x8x50	60	100	186	266,7	330	8	1"	F14-F16	4	11-13	200	-	-	90
150	477	244	233	40	12x8x63	70	100	216	292,1	355	12	1"	F14-F16	4	11-13	210	-	-	115
200	515	290	225	45	14x9x70	90	120	270	349,2	420	12	1.1/8"	F14-F16	4	13-17	230	53	165	190
250	659	324	335	50	14x9x80	100	120	324	431,8	510	16	1.1/4"	F16-F25	4-8	13-17	250	76	210	320
300	714	350	364	60	18x11x90	110	150	381	489	560	20	1.1/4"	F25-F30	8	13-17	270	88	258	392
350	785	395	390	70	20x12x100	120	150	413	527	605	20	1.3/8"	F25-F30	8	17-21	290	103	294	493
400	890	450	440	75	20x12x120	140	150	470	603,2	685	20	1.1/2"	F30-F35	8	17-21	310	127	346	630
450	977	492	485	90	25x14x125	160	150	533	654	745	20	1.5/8"	F30-F35	8	17-21	330	135	382	765
500	1052	524	528	95	25x14x130	180	150	584	723,9	815	24	1.5/8"	F35-F40	8	17-21	350	145	418	995
600	1295	665	630	120	32x18x180	200	150	692	838,2	940	24	1.7/8"	F35-F40	8	17-21	390	228	538	1440

NOTE: Sirca International S.p.A. reserves the right to change the dimensions and data shown in this drawing without prior notice

SEMILAVORATO / SEMIFINISHED	PESO (Kg)	04	AGGIUNTA TAB class 600	22/02/17	Luciani G.
MATERIALE / MATERIAL	TRATT. SUPERF. / TERMICO	00	EMISSIONE / EMISSION	16/10/12	Luciani G.
SCALE/SCALE	SWISS NON QUOTATI RACCORDI BEVELS NOT DIMENS. RADIUS NOT DIMENSIONED	R1	DENOMINAZIONE / DENOMINATION	Overall Dimensions Drawing	
DISSEGNO / DNR	DATA / DATE	22/02/17	FLANGED type-end flanges ANSI150/300/600		
CONTROLLO / CKD	DATA / DATE		N° DISGNO / DRAWING N°	10367L	
CODICE / CODE			XX		



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