

# STRAIGHT "GOLD" SUCTION FITTINGS

## FITTINGS

Galvanized steel made straight suction fittings, particularly suitable for pumps, oil tanks and gate valves mounting. Saw-tooth machining and pump-clamping bands are used to prevent accidental separation on the pipe end, while an O-ring ensure a perfect seal on the pump end. Two sizes of clamps are available for each fitting in order to adapt to every kind of pipe.



### FITTING ASSEMBLY

- Screw the fitting into the tank/pump aspiration hole until the plane of the body of the pump/tank in sollimates with the center line of the cylinder surface between the two screw threads on the fitting (fig.1).
- Tighten the nut with the torque wrench.

TORQUE WRENCH	
G 1/2	80 Nm
G 3/4	100 Nm
G 1	120 Nm
G 1 1/4	140 Nm
G 1 1/2	160 Nm
G 2	180 Nm

F	D (Internal pipe diameter)		DE (External pipe diameter)		CH	V	CODICE CODE	PESO WEIGHT
	mm	inch	Min mm	Max mm				
G 1/2	25	1"	32	35	27	43	155-080-00113	0,1670
			36	39			155-080-00122	0,1700
	32	1"1/4	40	43	35	48,5	155-080-00140	0,2040
			44	47			155-080-00159	0,2130
G 3/4	25	1"	32	35	32	43	155-080-00186	0,1900
			36	39			155-080-00195	0,1900
	32	1"1/4	40	43	35	48,5	155-080-00202	0,2070
			44	47			155-080-00211	0,2200
	38	1"1/2	36	39	41	55,5	155-080-00257	0,2700

# STRAIGHT "GOLD" SUCTION FITTINGS

## FITTINGS

F	D (Internal pipe diameter)		DE (External pipe diameter)		CH mm	V mm	CODICE CODE	PESO WEIGHT kg
	ISO 228/SAE	mm	inch	Min mm				
G 3/4	40		48	51		58,5	155-080-00275	0,2840
			52	55			155-080-00284	0,3270
G 1	25	1"	32	35	41	45	155-080-00300	0,2520
			36	39			155-080-00319	0,2430
	32	1"1\4	40	43	41	50,5	155-080-00328	0,2950
			44	47			155-080-00337	0,2950
	38	1"1\2	48	51	41	57,5	155-080-00355	0,3130
	40		48	51	41	60,5	155-080-00373	0,3200
			52	55			155-080-00382	0,3549
	45		52	55	46	66,5	155-080-00391	0,4260
			56	59			155-080-00408	0,4280
	50	2"	60	63	55	72,5	155-080-00417	0,5370
			64	67			155-080-00426	0,5400
	G 1 1/4	38	1"1\2	48	51	50	61,5	155-080-00453
48				51	64,5			155-080-00462
40			52	55	50	64,5	155-080-00471	0,4900
			52	55			70,5	155-080-00480
45			56	59	50	70,5	155-080-00499	0,4820
			60	63			55	76,5
50		2"	64	67	55	76,5	155-080-00515	0,5780
			68	73			65	88,5
63	2"1\2	74	79	65	88,5	155-080-00533	0,8300	
G 1 1/2	45		52	55	55	70,5	155-080-00542	0,5850
			56	59			155-080-00551	0,5853
	50	2"	56	59	55	76,5	155-080-00588	0,6000
			60	63			155-080-00597	0,6030
	60		64	67	55	76,5	155-080-00604	0,6140
			68	73			65	88,5
	63	2"1\2	74	79	65	88,5	155-080-00668	0,8140
	G 2	50	2"	60	63	66	76,5	155-080-00711
50		2"	64	67	76,5		155-080-00720	0,8970
60		2"	68	73	88,5		155-080-00748	0,9070
63		2"1\2	74	79	88,5		155-080-00757	1,0320

# 45° "GOLD" SUCTION FITTINGS

## FITTINGS

Solid brass made 45° suction fittings, particularly suitable for pumps, oil tanks and gate valves mounting and easy to orientate thanks to a steel tightening nut. Saw-tooth machining and pump-clamping bands are used to prevent accidental separation on the pipe end, while an O-ring ensure a perfect seal on the pump end. Two sizes of clamps are available for each fitting in order to adapt to every kind of pipe.



**FITTING ASSEMBLY**

- Screw the fitting into the tank/pump aspiration hole until the plane of the body of the pump/tank in sollimates with the center line of the cylinder surface between the two screw threads on the fitting (fig.1).
- Tighten the nut with the torque wrench.

**COPPIA DI SERRAGGIO  
TORQUE WRENCH**

G 1	120 Nm
G 1 1/4	140 Nm
G 1 1/2	160 Nm
G 2	180 Nm

F ISO 228/SAE	D (Internal pipe diameter)		DE (External pipe diameter)		CH mm	V mm	CODICE CODE	PESO WEIGHT kg	
	mm	inch	Min mm	Max mm					
G 1	38	1"1/2	48	51	41	111	155-090-00460	0,6270	
	40		48	51		112,5	155-090-00488	0,6610	
			52	55			155-090-00479	0,7100	
G 1 1/4	38	1"1\2	48	51	50	104	155-090-00490	0,6570	
			40	52			55	155-090-00493	0,7010
								155-090-00494	0,7370
	50	2"	60	63		114	155-090-00497	0,7960	
			64	67			155-090-00504	0,8030	
	60		68	73		128	155-090-00522	0,9750	
63	2"1/2	74	79	130	155-090-00531	1,0600			
G 1 1/2	50	2"	60	63	55	108	155.090.00540	0,7940	
			64	67			155-090-00559	0,8260	
	60		68	73		128	155-090-00611	1,0110	
			74	79		130	155-090-00620	1,0900	
G 2	63	2"1\2	74	79	70	145	155-090-00700	1,9396	
			76	3"		86	91	150	155-090-00737

# 90° "GOLD" SUCTION FITTINGS

## FITTINGS

Solid brass made 90° suction fittings, particularly suitable for pumps, oil tanks and gate valves mounting and easy to orientate thanks to a steel tightening nut. Saw-tooth machining and pump-clamping bands are used to prevent accidental separation on the pipe end, while an O-ring ensure a perfect seal on the pump end. Two sizes of pipe clamps are available for each fitting in order to adapt to every kind of pipe.



### FITTING ASSEMBLY

- Screw the fitting into the tank/pump aspiration hole until the plane of the body of the pump/tank in sollimates with the center line of the cylinder surface between the two screw threads on the fitting (fig.1).
- Tighten the nut with the torque wrench.

COPPIA DI SERRAGGIO TORQUE WRENCH	
G 1/2	80 Nm
G 3/4	100 Nm
G 1	120 Nm
G 1 1/4	140 Nm
G 1 1/2	160 Nm
G 2	180 Nm

F ISO 228	D (Internal pipe diameter)		DE (External pipe diameter)		CH mm	V mm	CODICE CODE	PESO WEIGHT kg
	mm	inch	Min mm	Max mm				
G 1/2	40	1"	48	51	28	48	155-100-00083	0,5750
			52	55			155-100-00092	
	25	1"	32	35		40	155-100-00118	0,2740
			36	39			155-100-00127	0,2660
	32	1"1/4	40	43		45	155-100-00145	0,3740
			44	47			155-100-00154	0,3790
G 3/4	19	3/4"	29	31	34	45	155-100-00172	0,3450
			32	35			155-100-00181	0,3550
	25	1"	36	39		45	155-100-00190	0,3580
			40	43			155-100-00207	0,4490
	32	1"1/4	44	47		45	155-100-00216	0,4670
			44	47			155-100-00243	0,5530
	38	1"1/2	48	51		49	155-100-00252	0,5580
			52	55			155-100-00270	0,6040
	40					49	155-100-00289	0,6300

# 90° "GOLD" SUCTION FITTINGS

## FITTINGS

F ISO 228/SAE	D (Internal pipe diameter)		DE (External pipe diameter)		CH mm	V mm	CODICE CODE	PESO WEIGHT kg
	mm	inch	Min mm	Max mm				
G 1	32	1" 1/4	40	43	41	51	155-100-00323	0,6320
			44	47			155-100-00332	0,6370
	38	1" 1/2	48	51			155-100-00350	0,6400
			52	55			155-100-00378	0,6830
	40	1" 3/4	56	59		54	155-100-00387	0,7210
			60	63			155-100-00396	0,8070
	45	2"	64	67			155-100-00403	0,7960
			68	73			155-100-00412	0,9550
	50	2"	64	67			155-100-00421	0,9770
			68	73			155-100-00430	1,2350
G 1 1/4	38	1" 1/2	48	51	50	54	155-100-00458	0,7350
			52	55			155-100-00467	0,7750
	56	59	155-100-00476	0,8200				
	40	1" 3/4	60	63		60	155-100-00485	0,9390
			64	67			155-100-00494	0,9160
	45	2"	68	73			155-100-00501	0,8710
			74	79			155-100-00510	0,8770
	50	2"	68	73			63	155-100-00529
74			79	65	155-100-00538		1,2300	
G 1 1/2	45	1" 3/4	52	55	55	60	155-100-00547	1,0690
			56	59			155-100-00556	1,0570
	50	2"	60	63			155-100-00592	0,9900
			64	67			155-100-00609	0,9906
	60	2" 1/2	68	73		63	155-100-00654	1,0680
			74	79		65	155-100-00663	1,1820
G 2	63	2" 1/2	74	79	70	86	155-100-00716	2,2390
			76	91			155-100-00743	1,9367

# STRAIGHT SUCTION FITTING THREAD ON BOTH SIDES FITTINGS

Galvanized steel made straight fittings, suitable for mounting and orientating gate valves on oil tanks. The sealing is guaranteed on both sides by a O-ring and a tightening nut.



**FITTING ASSEMBLY**

- Screw the fitting into the tank/pump aspiration hole until the plane of the body of the pump/tank in sollimates with the center line of the cylinder surface between the two screw threads on the fitting (fig.1).
- Tighten the nut with the torque wrench. It is also possible to divert the mounting direction.

**COPPIA DI SERRAGGIO  
TORQUE WRENCH**

G 1	120 Nm
G 1 1/4	140 Nm
G 1 1/2	160 Nm
G 2	180 Nm

fig.1

F1	F2	CH	CH1	V	CODICE CODE	PESO WEIGHT
ISO 228	ISO 228	mm	mm	mm		kg
G 1	G 1	41		43,5	155-111-00124	0,2850
G 1 1/4	G 1 1/4	50		48,5	155-111-00142	0,4480
G 1 1/2	G 1 1/2	55		52	155-111-00160	0,5020
G 1 1/2	G 1 1/4	55	50	48,5	155-111-00302	0,5000
G 2	G 1 1/2	66	55	53,5	155-111-00357	0,7300
G 2	G 2	66	70	64,5	155-111-00400	1,0100



# 90° "GOLD" FITTING THREAD ON BOTH SIDES FITTINGS

Solid brass made 90° fittings, suitable for mounting and orientating gate valves on oil tanks. The sealing is guaranteed on both sides by a O-ring and a tighte-ning nut.



**FITTING ASSEMBLY**

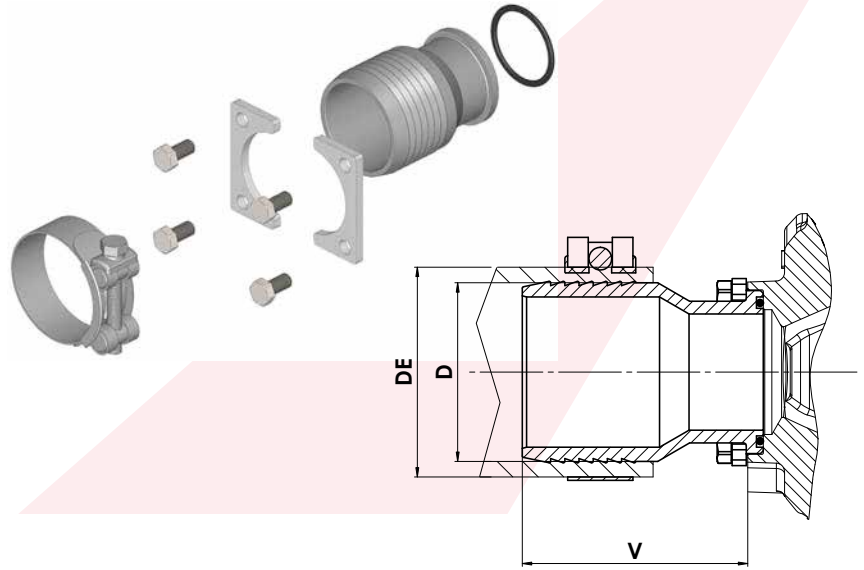
- Screw the fitting into the tank/pump aspiration hole until the plane of the body of the pump/tank in sollimates with the center line of the cylinder surface between the two screw threads on the fitting (fig.1).
- Tighten the nut with the torque wrench.

<b>COPPIA DI SERRAGGIO TORQUE WRENCH</b>	
G 3/4	100 Nm
G 1	120 Nm
G 1 1/4	140 Nm
G 1 1/2	160 Nm

F1	F2	CH1	CH2	V	V''	CODICE CODE	PESO WEIGHT
ISO 228	ISO 228	mm	mm	mm	mm		kg
G 3/4	G 3/4	34		45	54,5	155-110-00107	0,3500
G 1	G 1	41		51	65,5	155-110-00125	0,6920
G 1 1/4	G 1 1/4	50		54	65	155-110-00143	0,7690
G 1 1/2	G 1 1/2	55		60	68	155-110-00161	1,0750
G 1 1/2	G 1 1/4	55	50	63	68	155-110-00303	0,9500

# SUCTION FITTING FOR PPV ANDTWIN-FLOW 76/76 PUMPS

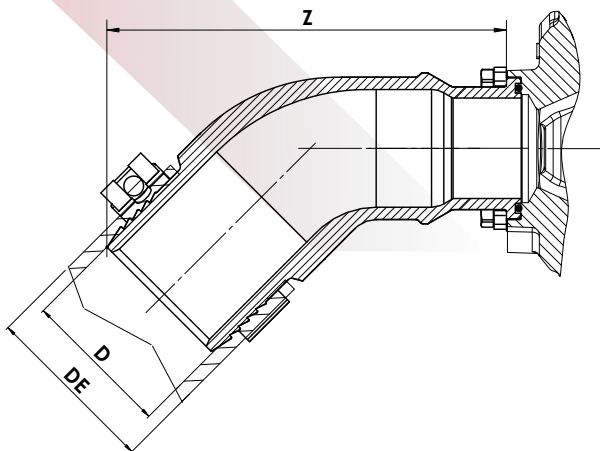
## FITTINGS



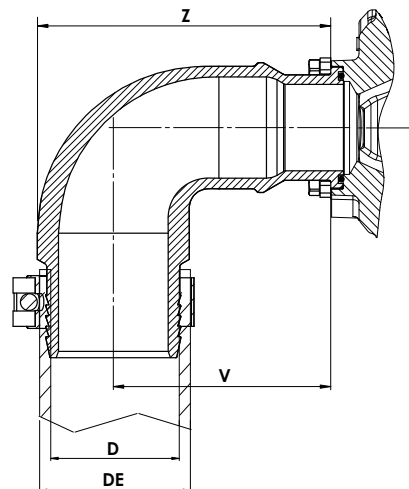
Codice Code	D	DE	V	Peso Weigth
	mm	mm	mm	Kg
155-112-00507	50	60-63	59	0,59
155-112-00516	50	64-67	59	0,6
155-112-00605	60	68-73	79	0,77
155-112-00632	63	74-79	79	0,8
155-112-00767	76	86-91	94	1



Codice Code	D	DE	Z	Peso Weigth
	mm	mm	mm	Kg
155-112-45639	63	74-79	163	1,75
155-112-45764	76	86-91	167	2,1



Codice Code	D	DE	V	Z	Peso Weigth
	mm	mm	mm	mm	Kg
155-112-90634	63	74-79	103	139	1,9
155-112-90769	76	86-91	103	140	2,3



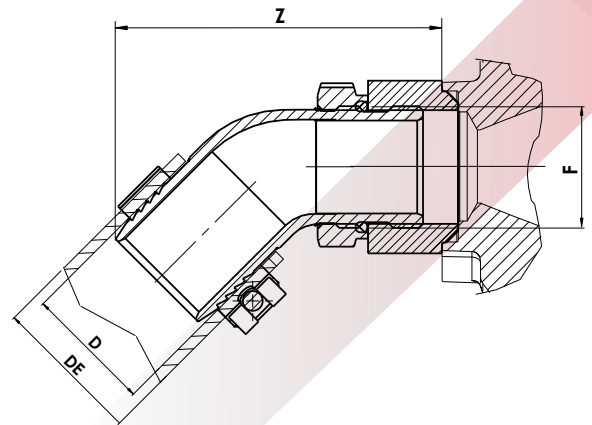
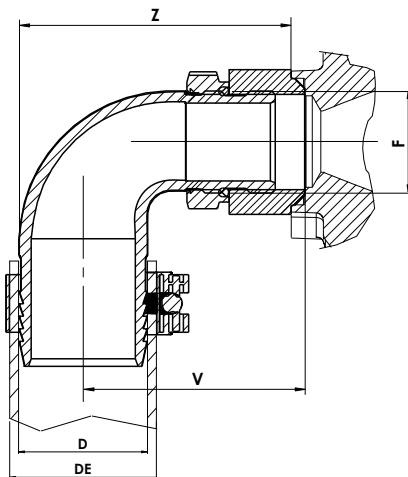
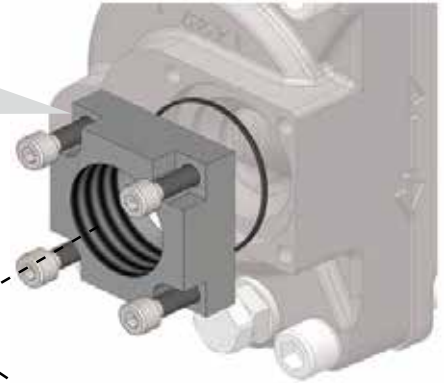


# SUCTION FITTING FOR PPV ANDTWIN-FLOW 76/76 PUMPS

## FITTINGS

**155-113-00408**

Flange kit G1-1/2 threaded hole, for mounting GOLD fittings.



Codice Code	F	D	DE	V	Z	Peso Weighth
	ISO 228	mm	mm	mm	mm	
155-100-00592	G1-1/2	50	60-63	85	114	0,99
155-100-00609			64-67			1
155-100-00654		60	68-73	88	123	1,06

Codice Code	F	D	DE	Z	Peso Weighth
	ISO 228	mm	mm	mm	
155.090.00540	G1-1/2	50	60-63	133	0,79
155-090-00559			64-67		0,82
155-090-00611		60	68-73	153	1

**THS** TRUCK HYDRAULIC SOLUTIONS

DESIGN - SUPPLY - FITMENT - SERVICE

☎ NATIONAL SALES/SERVICE PH **1300 80 30 70**  
 📍 NSW: 12/31 COOMBS DR, PENRITH NSW 2750  
 📍 VICTORIA: 2/54 BARRETTA RD, RAVENHALL VIC 3023  
 📍 QUEENSLAND: 4/40 REGINALD STREET, ROCKLEA QLD 4106  
 🌐 [www.truckhydraulicsolutions.com.au](http://www.truckhydraulicsolutions.com.au)

# 45° HIGH PRESSURE FITTINGS

## FITTINGS

Galvanized steel made 45° high pressure fittings, suitable for connecting and orientating the pressure hose on Bent-Axis piston pumps. The sealing is guaranteed by a dowty washer.



**FITTING ASSEMBLY**

- Screw the fitting into the tank/pump aspiration hole until the plane of the body of the pump/tank in sollimates with the center line of the cylinder surface between the two screw threads on the fitting (fig.1).
- Tighten the nut with the torque wrench.

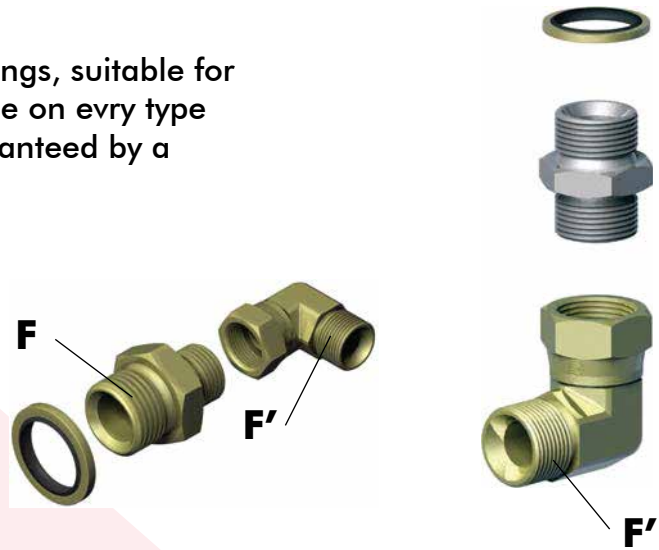
TORQUE WRENCH	
G 3/4	100 Nm
G 1	120 Nm
G 1 1/4	140 Nm
G 1 1/2	160 Nm

FxF'	CH	CODICE CODE	PESO WEIGHT
ISO 228	mm		kg
G 3/4 x 3/4	32	155-201-00349	0,3670
G 3/4 x 1	32	155-201-34107	0,6100
G 1 x 1	38	155-201-01008	0,5600

# 90° HIGH PRESSURE FITTINGS

## FITTINGS

Galvanized steel made 90° high pressure fittings, suitable for connecting and orientating the pressure hose on every type of pump or tipping valve. The sealing is guaranteed by a dowty washer.



**FITTING ASSEMBLY**

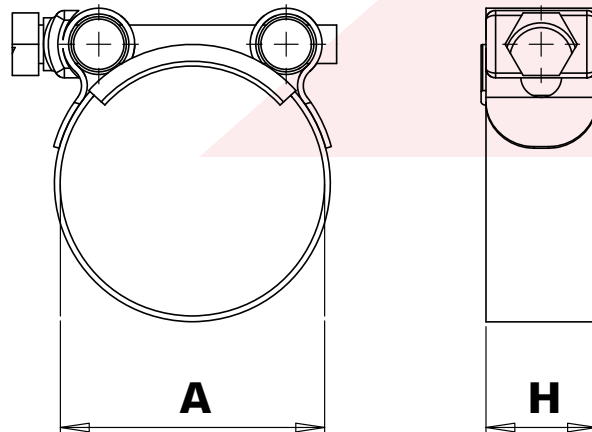
- Screw the fitting into the tank/pump aspiration hole until the plane of the body of the pump/tank in sollimates with the center line of the cylinder surface between the two screw threads on the fitting (fig.1).
- Tighten the nut with the torque wrench.

TIGHTENING TORQUE	
G 1/2	80 Nm
G 3/4	100 Nm
G 1	120 Nm

F x F'	CH	CODICE CODE	PESO WEIGHT
ISO 228	mm		kg
G 1/2 x G 1/2	27	155-200-00126	0,2430
G 3/4 x G 3/4	32	155-200-00340	0,3920
G 1 x G 1	38	155-200-01009	0,6340
G 3/4 x G 1	32 - 38	155-200-34100	0,6190
G 1 x G 3/4	38 - 32	155-200-10348	0,4500

# CLAMPS FITTINGS

Bolt and barrel clamps are suitable for high, low and reinforced pressure hoses. The bolt is directly engaged in the barrel, it can thus be fastened with a pneumatic or electrical tool.



H mm	A (mm) Ø tubo / hose		CODICE CODE	PESO WEIGHT kg
	da / from	a / to		
20	29	31	155-901-29312	0,0585
	32	35	155-901-32353	0,0520
	36	39	155-901-36395	0,0567
	40	43	155-901-40433	0,0570
22	44	47	155-901-44475	0,0614
	48	51	155-901-48515	0,0716
	52	55	155-901-52555	0,1120
	56	59	155-901-56597	0,0985
	60	63	155-901-60635	0,1140
24	64	67	155-901-64677	0,1220
	68	73	155-901-68735	0,1260
	74	79	155-901-74791	0,1310
	86	91	155-901-86911	0,1503
	113	121	155-902-01215	0,1750

# SUCTION HOSES

## FITTINGS

TRASPARENT

**PVC** transparent plasticized hose, abrasion and ozone resistant, smooth both internally and externally with steel spiral. **Working temperature** -5°+60°.



Diametro interno Internal pipe diameter		Diametro esterno External pipe diameter	Spessore parete Thickness	Peso Weight	Pressione Esercizio Working pressure	Raggio curva Bending radius	CODICE CODE
mm	inch	mm	mm	gr./mtr.	bar	mm	
16	5/8	22	3,1	225	6	35	155-000-00002
25	1"	31	3,2	510	5	60	155-000-00039
30		37	3,5	600	4	70	155-000-00048
32	1"1/4	40	3,9	650		75	155-000-00057
40	1"9/16	49	4,5	870	3	95	155-000-00075
45	1"3/4	55	5,1	1100		105	155-000-00084
50	2"	60		1200		125	155-000-00093
60	2"3/8	73	6,5	1800	2,5	140	155-000-00100

SAE 100 R4

Oil resistant synthetic rubber tube; reinforcement with high tensile textile cords and embedded steel helix wires; abrasion, ozone and hydrocarbon resistant synthetic rubber cover; working temperature -40°+120°.



Diametro interno Internal pipe diameter		Diametro esterno External pipe diameter	Pressione Esercizio Working pressure	Pressione di Scoppio Blowing pressure	Raggio curva Bending radius	Kg/100 mt	CODICE CODE
mm	inch	mm	bar	bar	mm		
25,4	1"	38	17	68	152	97	155-005-00258
31,8	1"1/4	45	13,6	54,4	203	119	155-005-00329
38,1	1"1/2	52	10,2	40,8	254	136	155-005-00383
40		54					155-005-00409
50,8	2"	62	6,8	27,2	305	176	155-005-00507
60	2"3/8	74	10	30	360	184	155-005-00632
63,5	2"1/2	77	4,2	16,8	380	257	155-005-00641

**THS** TRUCK HYDRAULIC SOLUTIONS

DESIGN - SUPPLY - FITMENT - SERVICE

NATIONAL SALES/SERVICE PH **1300 80 30 70**

NSW: 12/31 COOMBS DR, PENRITH NSW 2750

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# FLEXIBLE HOSES C/W FITTINGS







## FITTINGS

### TECHNICAL FEATURES

Hose type	1 SN SAE 100 R1AT		2 SN SAE 100 R2AT						4 SP SAE 100 R10		
	Dimension	G 3/8	G 1	G 1/4	G 3/8	G 1/2	G 3/4	G 1	G 1" 1/4	G 1	G 1" 1/4
Internal diameter	mm	9,5	25,4	6,4	9,5	12,8	19	25	31,8	25,4	31,8
External diameter	mm	17,1	35,3	14,6	18,7	21,8	29	36,7	46,7	38,8	50,8
Working pressure	bar	180	88	400	330	275	215	165	125	320	210
Burst pressure	bar	720	352	1600	1320	1100	850	650	500	1280	840
Minimum bend radius	mm	130	300	100	130	180	240	300	420	340	460

### Code: 156 XXX Y LLL K G

XXX	088	Tubo / hose 1 SN SAE 100 R1AT G 3/8
	091	Tubo / hose 1 SN SAE 100 R1AT G 1
	097	Tubo / hose 2 SN SAE 100 R2AT G 1/4
	098	Tubo / hose 2 SN SAE 100 R2AT G 3/8
	099	Tubo / hose 2 SN SAE 100 R2AT G 1/2
	100	Tubo / hose 2 SN SAE 100 R2AT G 3/4
	101	Tubo / hose 2 SN SAE 100 R2AT G 1
	102	Tubo / hose 2 SN SAE 100 R2AT G 1" 1/4
	111	Tubo / hose 4 SP SAE 100 R10 G 1
	112	Tubo / hose 4 SP SAE 100 R10 G 1" 1/4

Y	0	FD + FD.....	
		<i>straight female - straight female</i>	
	1	FD + FC90°.....	
		<i>straight female - 90° female</i>	
	2	FC90° + FC90°.....	
		<i>90° female - 90° female</i>	
	3	FD + M.....	
		<i>straight female - male</i>	
	4	FD + FC45°.....	
		<i>straight female - 45° female</i>	
	5	FC45° + FC45°.....	
		<i>45° female - 45° female</i>	

**LLL** Length cm      **K** Control key      **G** Hose with sheath \*



# FLEXIBLE HOSES C/W FITTINGS

## FITTINGS

### \* HOSES WITH SHEATH

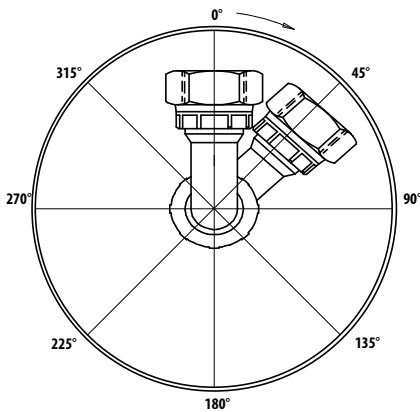
Part numbers having suffix "G" at the end of the code refer to standard hoses covered with thermo-plastic sheath.



### GENERAL RULE

For hoses c/w elbow fittings (90° or 45°) it is required to **SPECIFY THE ORIENTATION OF THE FITTING COMPARED TO THE OTHER.**

To specify the the orientation of the elbow fitting compared to the other you have to place the hose in a horizontal position and measure the angle between the two fittings referring to the watch scheme, as shown in the picture below. It is allowed a tolerance of  $\pm 3^\circ$ .




**If not differently specified, the hose is normally supplied according to configuration 0°.**

# FLEXIBLE HOSES C/W FITTINGS

## 1 SN SAE 100 R1AT - G 3/8







L cm	Code			
50	156-088-00506			156-088-30500
55	156-088-00551			156-088-30555
60	156-088-00604			156-088-30608
65	156-088-00659			156-088-30653
70	156-088-00702			156-088-30706
75	156-088-00757			156-088-30751
80	156-088-00800			156-088-30804
85	156-088-00855			156-088-30859
90	156-088-00908			156-088-30902
95	156-088-00953			156-088-30957
100	156-088-01005			156-088-31009
105	156-088-01050			156-088-31054
110	156-088-01103			156-088-31107
115	156-088-01158			156-088-31152
120	156-088-01201			156-088-31205
125	156-088-01256			156-088-31250
130	156-088-01309			156-088-31303
135	156-088-01354			156-088-31358
140	156-088-01407			156-088-31401
145	156-088-01452			156-088-31456
150	156-088-01505			156-088-31509
155	156-088-01550			156-088-31554
160	156-088-01603			156-088-31607
165	156-088-01658			156-088-31652
170	156-088-01701			156-088-31705
175	156-088-01756			156-088-31750
180	156-088-01809			156-088-31803
185	156-088-01854			156-088-31858
190	156-088-01907			156-088-31901
195	156-088-01952			156-088-31956
200	156-088-02004			156-088-32008
205	156-088-02059			156-088-32053
210	156-088-02102			156-088-32106
215	156-088-02157			156-088-32151
220	156-088-02200			156-088-32204
225	156-088-02255			156-088-32259
230	156-088-02308			156-088-32302
235	156-088-02353			156-088-32357
240	156-088-02406			156-088-32400

# FLEXIBLE HOSES C/W FITTINGS

1 SN SAE 100 R1AT - G 3/8						
						
L cm			Code			
245	156-088-02451		156-088-32455			
250	156-088-02504		156-088-32508			
255	156-088-02559		156-088-32553			
260	156-088-02602		156-088-32606			
265	156-088-02657		156-088-32651			
270	156-088-02700		156-088-32704			
275	156-088-02755		156-088-32759			
280	156-088-02808		156-088-32802			
285	156-088-02853		156-088-32857			
290	156-088-02906		156-088-32900			
295	156-088-02951		156-088-32955			
300	156-088-03003		156-088-33007			
310	156-088-03101		156-088-33105			
320	156-088-03209		156-088-33203			
330	156-088-03307		156-088-33301			
340	156-088-03405		156-088-33409			
350	156-088-03503		156-088-33507			
360	156-088-03601		156-088-33605			
370	156-088-03709		156-088-33703			
380	156-088-03807		156-088-33801			
390	156-088-03905		156-088-33909			
400	156-088-04002		156-088-34006			

# FLEXIBLE HOSES C/W FITTINGS

## 1 SN SAE 100 R1AT - G 1







L cm							Code
50	156-091-00501						
55	156-091-00556						
60	156-091-00609						
65	156-091-00654						
70	156-091-00707						
75	156-091-00752						
80	156-091-00805						
85	156-091-00850						
90	156-091-00903						
95	156-091-00958						
100	156-091-01000						
105	156-091-01055						
110	156-091-01108						
115	156-091-01153						
120	156-091-01206						
125	156-091-01251						
130	156-091-01304						
135	156-091-01359						
140	156-091-01402						
145	156-091-01457						
150	156-091-01500					156-091-31504	
155	156-091-01555						
160	156-091-01608					156-091-31602	
165	156-091-01653						
170	156-091-01706					156-091-31700	
175	156-091-01751						
180	156-091-01804					156-091-31808	
185	156-091-01859						
190	156-091-01902					156-091-31906	
195	156-091-01957						
200	156-091-02009				156-091-12007		
210	156-091-02107						
220	156-091-02205						
230	156-091-02303						
240	156-091-02401						
250	156-091-02509				156-091-12507		
260	156-091-02607						
270	156-091-02705						
280	156-091-02803						
290	156-091-02901						
300	156-091-03008						
350	156-091-03508				156-091-13006 156-091-13506		

# FLEXIBLE HOSES C/W FITTINGS

2 SN SAE 100 R2AT - G 1/4										
<b>L</b>	cm	300	156-097-03002							

2 SN SAE 100 R2AT - G 3/8										
<b>L</b>	cm	70	156-098-20706							
		75	156-098-20751							

# FLEXIBLE HOSES C/W FITTINGS




2 SN SAE 100 R2AT - G 1/2						
L cm						
	Code					
50	156-099-00503				156-099-30507	
60	156-099-00601				156-099-30605	
70	156-099-00709				156-099-30703	
80	156-099-00807				156-099-30801	
90	156-099-00905				156-099-30909	
100	156-099-01002				156-099-31006	
110	156-099-01100				156-099-31104	
120	156-099-01208				156-099-31202	
130	156-099-01306				156-099-31300	
140	156-099-01404				156-099-31408	
150	156-099-01502				156-099-31506	
160	156-099-01600				156-099-31604	
170	156-099-01708				156-099-31702	
180	156-099-01806				156-099-31800	
190	156-099-01904				156-099-31908	
200	156-099-02001				156-099-32005	
210	156-099-02109				156-099-32103	
220	156-099-02207				156-099-32201	
230	156-099-02305				156-099-32309	
240	156-099-02403				156-099-32407	
250	156-099-02501				156-099-32505	
260	156-099-02609				156-099-32603	
270	156-099-02707				156-099-32701	
280	156-099-02805				156-099-32809	
290	156-099-02903				156-099-32907	
300	156-099-03000				156-099-33004	
310	156-099-03108				156-099-33102	
320	156-099-03206				156-099-33200	
330	156-099-03304				156-099-33308	
340	156-099-03402				156-099-33406	
350	156-099-03500				156-099-33504	
360	156-099-03608				156-099-33602	
370	156-099-03706				156-099-33700	
380	156-099-03804				156-099-33808	
390	156-099-03902				156-099-33906	
400	156-099-04009				156-099-34003	



# FLEXIBLE HOSES C/W FITTINGS

2 SN SAE 100 R2AT - G 3/4					
L cm					Code
65	156-100-00652	156-100-10650	156-100-20701	156-100-30709	
70	156-100-00705	156-100-10703	156-100-20756	156-100-30754	
75	156-100-00750	156-100-10758	156-100-20809	156-100-30807	
80	156-100-00803	156-100-10801	156-100-20854	156-100-30852	
85	156-100-00858	156-100-10856	156-100-20907	156-100-30905	
90	156-100-00901	156-100-10909	156-100-20952	156-100-30950	
95	156-100-00956	156-100-10954	156-100-21004	156-100-31002	
100	156-100-01008	156-100-11006	156-100-21059	156-100-31057	
105	156-100-01053	156-100-11051	156-100-21102	156-100-31100	
110	156-100-01106	156-100-11104	156-100-21157	156-100-31155	
115	156-100-01151	156-100-11159	156-100-21200	156-100-31208	
120	156-100-01204	156-100-11202	156-100-21255	156-100-31253	
125	156-100-01259	156-100-11257	156-100-21308	156-100-31306	
130	156-100-01302	156-100-11300	156-100-21353	156-100-31351	
135	156-100-01357	156-100-11355	156-100-21406	156-100-31404	
140	156-100-01400	156-100-11408	156-100-21451	156-100-31459	
145	156-100-01455	156-100-11453	156-100-21504	156-100-31502	
150	156-100-01508	156-100-11506	156-100-21559	156-100-31557	
155	156-100-01553	156-100-11551	156-100-21602	156-100-31600	
160	156-100-01606	156-100-11604	156-100-21657	156-100-31655	
165	156-100-01651	156-100-11659	156-100-21700	156-100-31708	
170	156-100-01704	156-100-11702			
175	156-100-01759				
180	156-100-01802	156-100-11800	156-100-21808	156-100-31806	
190	156-100-01900	156-100-11908	156-100-21906	156-100-31904	
200	156-100-02007	156-100-12005	156-100-22003	156-100-32001	
210	156-100-02105	156-100-12103	156-100-22101	156-100-32109	
220	156-100-02203	156-100-12201	156-100-22209	156-100-32207	
230	156-100-02301	156-100-12309	156-100-22307	156-100-32305	
240	156-100-02409			156-100-32403	
250	156-100-02507			156-100-32501	
260	156-100-02605				
270	156-100-02703			156-100-32707	
280	156-100-02801			156-100-32805	
290	156-100-02909			156-100-32903	
300	156-100-03006			156-100-33000	







# FLEXIBLE HOSES C/W FITTINGS

2 SN SAE 100 R2AT - G 3/4				
				
L cm	Code			
310	156-100-03104		156-100-33108	
320	156-100-03202		156-100-33206	
330	156-100-03300		156-100-33304	
340	156-100-03408		156-100-33402	
350	156-100-03506		156-100-33500	
360	156-100-03604		156-100-33608	
370	156-100-03702		156-100-33706	
380	156-100-03800		156-100-33804	
390	156-100-03908		156-100-33902	
400	156-100-04005		156-100-40009	



# FLEXIBLE HOSES C/W FITTINGS

## 2 SN SAE 100 R2AT - G 1







L cm							Code
40	156-101-00400	156-101-10408	156-101-20406				
45	156-101-00455	156-101-10453	156-101-20451				
50	156-101-00508	156-101-10506	156-101-20504				
55	156-101-00553	156-101-10551	156-101-20559				
60	156-101-00606	156-101-10604	156-101-20602				
65	156-101-00651	156-101-10659	156-101-20657				
70	156-101-00704	156-101-10702	156-101-20700	156-101-30708			
75	156-101-00759	156-101-10757	156-101-20755	156-101-30753			
80	156-101-00802	156-101-10800	156-101-20808	156-101-30806			
85	156-101-00857	156-101-10855	156-101-20853	156-101-30851			
90	156-101-00900	156-101-10908	156-101-20906	156-101-30904			
95	156-101-00955	156-101-10953	156-101-20951	156-101-30959			
100	156-101-01007	156-101-11005	156-101-21003	156-101-31001			
105	156-101-01052	156-101-11050	156-101-21058	156-101-31056			
110	156-101-01105	156-101-11103	156-101-21101	156-101-31109			
115	156-101-01150	156-101-11158	156-101-21156	156-101-31154			
120	156-101-01203	156-101-11201	156-101-21209	156-101-31207			
125	156-101-01258	156-101-11256	156-101-21254	156-101-31252			
130	156-101-01301	156-101-11309	156-101-21307	156-101-31305			
135	156-101-01356	156-101-11354	156-101-21352	156-101-31350			
140	156-101-01409	156-101-11407	156-101-21405	156-101-31403			
145	156-101-01454	156-101-11452	156-101-21450	156-101-31458			
150	156-101-01507	156-101-11505	156-101-21503	156-101-31501			
155	156-101-01552	156-101-11550	156-101-21558	156-101-31556			
160	156-101-01605	156-101-11603	156-101-21601	156-101-31609			
165	156-101-01650	156-101-11658	156-101-21656	156-101-31654			
170	156-101-01703	156-101-11701	156-101-21709	156-101-31707			
175	156-101-01758			156-101-31752			
180	156-101-01801	156-101-11809	156-101-21807	156-101-31805			
190	156-101-01909	156-101-11907	156-101-21905	156-101-31903			
200	156-101-02006	156-101-12004	156-101-22002	156-101-32000			
205	156-101-02051						
210	156-101-02104	156-101-12102	156-101-22100	156-101-32108			
220	156-101-02202	156-101-12200	156-101-22208	156-101-32206			
230	156-101-02300	156-101-12308	156-101-22306	156-101-32304			
240	156-101-02408			156-101-32402			
250	156-101-02506			156-101-32500			
260	156-101-02604			156-101-32608			
				156-101-32706			

# FLEXIBLE HOSES C/W FITTINGS

2 SN SAE 100 R2AT - G 1					
L	cm	Code			
270	156-101-02702				
275	156-101-02757				
280	156-101-02800				
290	156-101-02908			156-101-32804	
300	156-101-03005			156-101-32902	
310	156-101-03103			156-101-33009	
320	156-101-03201			156-101-33107	
330	156-101-03309			156-101-33205	
340	156-101-03407			156-101-33303	
350	156-101-03505			156-101-33401	
360	156-101-03603			156-101-33509	
370	156-101-03701			156-101-33607	
380	156-101-03809			156-101-33705	
390	156-101-03907			156-101-33803	
400	156-101-04004			156-101-33901	
425	156-101-04255			156-101-34008	
450	156-101-04504			156-101-34259	
475	156-101-04755			156-101-34508	
550	156-101-05503			156-101-34759	
				156-101-35007	

# FLEXIBLE HOSES C/W FITTINGS

## 2 SN SAE 100 R2AT - G 1" 1/4

L cm						
	Code					
50	156-102-00507				156-102-30501	
60	156-102-00605				156-102-30609	
70	156-102-00703				156-102-30707	
80	156-102-00801				156-102-30805	
90	156-102-00909				156-102-30903	
100	156-102-01006				156-102-31000	
110	156-102-01104				156-102-31108	
120	156-102-01202				156-102-31206	
130	156-102-01300				156-102-31304	
140	156-102-01408				156-102-31402	
150	156-102-01506				156-102-31500	
160	156-102-01604				156-102-31608	
170	156-102-01702				156-102-31706	
180	156-102-01800				156-102-31804	
190	156-102-01908				156-102-31902	
200	156-102-02005				156-102-32009	
210	156-102-02103				156-102-32107	
220	156-102-02201				156-102-32205	
230	156-102-02309				156-102-32303	
240	156-102-02407				156-102-32401	
250	156-102-02505				156-102-32509	
260	156-102-02603				156-102-32607	
270	156-102-02701				156-102-32705	
280	156-102-02809				156-102-32803	
290	156-102-02907				156-102-32901	
300	156-102-03004				156-102-33008	







# FLEXIBLE HOSES C/W FITTINGS

## 4 SP SAE 100 R10 - G 1


L cm	Code			
60	156-111-00604			
70	156-111-00702	156-111-10700	156-111-20708	156-111-30706
75	156-111-00757	156-111-10755	156-111-20753	156-111-30751
80	156-111-00800	156-111-10808	156-111-20806	156-111-30804
85	156-111-00855	156-111-10853	156-111-20851	156-111-30859
90	156-111-00908	156-111-10906	156-111-20904	156-111-30902
95	156-111-00953	156-111-10951	156-111-20959	156-111-30957
100	156-111-01005	156-111-11003	156-111-21001	156-111-31009
105	156-111-01050	156-111-11058	156-111-21056	156-111-31054
110	156-111-01103	156-111-11101	156-111-21109	156-111-31107
115	156-111-01158	156-111-11156	156-111-21154	156-111-31152
120	156-111-01201	156-111-11209	156-111-21207	156-111-31205
125	156-111-01256	156-111-11254	156-111-21252	156-111-31250
130	156-111-01309	156-111-11307	156-111-21305	156-111-31303
135	156-111-01354	156-111-11352	156-111-21350	156-111-31358
140	156-111-01407	156-111-11405	156-111-21403	156-111-31401
145	156-111-01452	156-111-11450	156-111-21458	156-111-31456
150	156-111-01505	156-111-11503	156-111-21501	156-111-31509
155	156-111-01550	156-111-11558	156-111-21556	156-111-31554
160	156-111-01603	156-111-11601	156-111-21609	156-111-31607
165	156-111-01658	156-111-11656	156-111-21654	156-111-31652
170	156-111-01701	156-111-11709	156-111-21707	156-111-31705
180	156-111-01809	156-111-11807	156-111-21805	156-111-31803
190	156-111-01907	156-111-11905	156-111-21903	156-111-31901
200	156-111-02004	156-111-12002	156-111-22000	156-111-32008
210	156-111-02102	156-111-12100	156-111-22108	156-111-32106
220	156-111-02200	156-111-12208	156-111-22206	156-111-32204
230	156-111-02308	156-111-12306	156-111-22304	156-111-32302
240	156-111-02406			156-111-32400
250	156-111-02504			156-111-32508
260	156-111-02602			
270	156-111-02700			156-111-32704
280	156-111-02808			
290	156-111-02906			
300	156-111-03003			156-111-33007
310	156-111-03101			
320	156-111-03209			
330	156-111-03307			
340	156-111-03405			
350	156-111-03503			
360	156-111-03601			156-111-33507
370	156-111-03709			
380	156-111-03807			
390	156-111-03905			
400	156-111-04002			156-111-34006
450	156-111-04502			




# FLEXIBLE HOSES C/W FITTINGS

4 SP SAE 100 R10 - G 1" 1/4						
L cm						
	Codice / Code					
50					156-112-30509	
60					156-112-30607	
70					156-112-30705	
80					156-112-30803	
90					156-112-30901	
100					156-112-31008	
110					156-112-31106	
120					156-112-31204	
130					156-112-31302	
140					156-112-31400	
150					156-112-31508	
160					156-112-31606	
170					156-112-31704	
180					156-112-31802	
190					156-112-31900	
200					156-112-32007	
210					156-112-32105	
220					156-112-32203	
230					156-112-32301	
240					156-112-32409	
250					156-112-32507	
260						
270						
280						
300						


# WASHERS, NIPPLES, GATE VALVES, REVOLVING JOINTS, QUICK RELEASE COUPLINGS FITTINGS

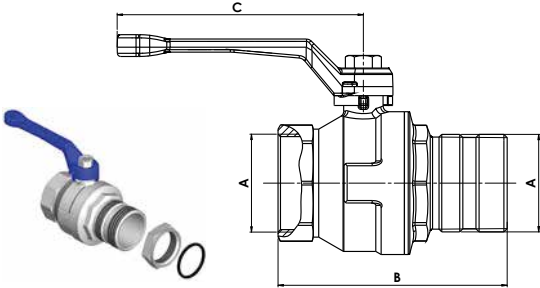
WASHERS							
		DOWTY WASHERS		ALUMINIO		COPPER	
			kg		kg		kg
	G 1/8	116-009-10021	0,0035	116-009-00055	0,0003	116-009-01068	0,0015
	G 1/4	116-009-10049	0,0040	116-009-00158	0,0004	116-009-01111	0,0019
	G 3/8	116-009-10085	0,0030	116-009-00309	0,0007	116-009-01166	0,0025
	G 1/2	116-009-30125	0,0043	116-009-00452	0,0010	116-009-01200	0,0031
	G 3/4	116-009-30349	0,0068	116-009-00596	0,0014	116-009-01255	0,0033
	G 1	116-009-31008	0,0103	116-009-00658	0,0014	116-009-01308	0,0053
	G 1 1/4	116-009-31142	0,0127	116-009-00809	0,0022	116-009-01504	0,0067
	G 1 1/8			116-009-00756	0,0022		
	G 1 1/2	116-009-31124	0,0161	116-009-00854	0,0020	116-009-01559	0,0065
	G 2	116-009-32007	0,0180				
	G 2 1/2	116-009-32123	0,0190				

NIPPLES							
	G 1/4	G 3/8	G 1/2	G 3/4	G 1	G 1 1/4	G 1 1/2
G 1/8	116-006-00268						
G 1/4	116-006-00017	116-006-00026	116-006-00231				
G 3/8		116-006-00080	116-006-00099	116-006-00366			
G 1/2			116-006-00106		116-006-00240		
G 3/4			116-006-00160	116-006-00142	116-006-00151	116-006-00295	
G 1					116-006-00179	116-006-00204	116-006-00213
G 1 1/4						116-006-00188	116-006-00222
G 1 1/2							116-006-00197
G 2						116-006-00393	116-006-00400
G 2 1/2						116-006-00419	116-006-00428

GATE VALVES				
		A	Code	Weight kg
	G 1/2	38	126-003-00019	0,1580
	G 3/4	44	126-003-00028	0,2610
	G 1	48	126-003-00037	0,3498
	G 1 1/4	51	126-003-00046	0,5630
	G 1 1/2	58	126-003-00055	0,7000
	G 2	63	126-003-00064	1,1650

Max working pressure 16 bar

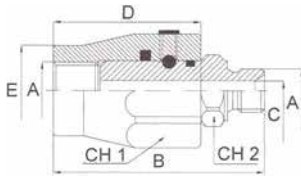
BALL VALVES					
		A	Max working press.	Code	Weight kg
	G 3/8	42	20 bar	126-005-00035	0,1200
	G 1/2	49	20 bar	126-005-00044	0,1600
	G 3/4	58	20 bar	126-005-00053	0,2570
	G 1	68	20 bar	126-005-00062	0,4315
	G 1 1/4	82	16 bar	126-005-00071	0,6060
	G 1 1/2	89	16 bar	126-005-00080	0,9300
	G 2	105	16 bar	126-005-00106	1,3560

ORIENTABLE BALL VALVES							
	A	B	C	Max working press.	Code	Weight kg	
	G 1 1/4	89	133,5		16 bar	126-006-00356	0,7
	G 1 1/2	102	145,5		16 bar	126-006-00409	1,222
	G 2	137	150		16 bar	126-006-00507	1,8

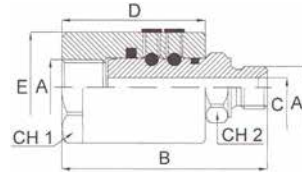
# WASHERS, NIPPLES, GATE VALVES, REVOLVING JOINTS, QUICK RELEASE COUPLINGS FITTINGS

## REVOLVING JOINTS

Straight



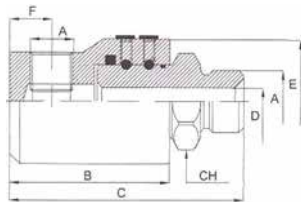
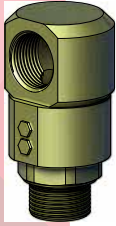
	A	B	C	D	E	CH1	CH2
G 1/4	61	6	42	24	30	19	
G 3/8	66	8.5	44	25	34	24	
G 1/2	71	11.5	47	32	36	27	



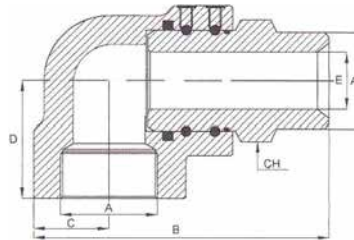
	A	B	C	D	ØE	CH1	CH2
G 3/4	80	15	50	49.5	45	34	
G 1	90	21	57	54.5	50	41	
G1-1/4	101	28	63	60	55	50	
G1-1/2	110	35	70	69.5	65	55	
G 2	118	44	75	84.5	75	65	

Rotation pressure MAX	Static pressure MAX	Code	Weight kg
G 1/4 200 bar	G 1/4 400 bar	122-7-00013	0,2050
G 3/8 200 bar	G 3/8 400 bar	122-7-00022	0,2770
G 1/2 150 bar	G 1/2 300 bar	122-7-00031	0,3420
G 3/4 150 bar	G 3/4 300 bar	122-7-00040	0,7500
G 1 100 bar	G 1 300 bar	122-7-00059	0,9020
G 1 1/4 100 bar	G 1 1/4 300 bar	122-7-00068	1,1680
G 1 1/2 80 bar	G 1 1/2 300 bar	122-7-00077	1,6210
G 2 50 bar	G 2 250 bar	122-7-00086	2,4640

90°



	A	B	C	D	ØE	F	CH
G 1/4	50	69	6	33.5	11	19	
G 3/8	54	76	8.5	37.5	13	24	
G 1/2	63	87	11.5	39.5	14	27	
G 3/4	70	100	15	54.5	18	34	
G 1	80	113	21	55/60	25	41	



	A	B	C	D	E	CH
G1-1/4	121	32	52	28	50	
G1-1/2	143	37	62	34	55	
G 2	151	42	64	44	65	

G 1/4 200 bar	G 1/4 400 bar	122-8-00012	0,2880
G 3/8 200 bar	G 3/8 400 bar	122-8-00021	0,4220
G 1/2 150 bar	G 1/2 300 bar	122-8-00030	0,5300
G 3/4 150 bar	G 3/4 300 bar	122-8-00049	1,0900
G 1 100 bar	G 1 300 bar	122-8-00058	1,5100
G 1 1/4 100 bar	G 1 1/4 300 bar	122-8-00067	1,7450
G 1 1/2 80 bar	G 1 1/2 300 bar	122-8-00076	3,0090
G 2 50 bar	G 2 250 bar	122-8-00085	3,4230

**THS** TRUCK HYDRAULIC SOLUTIONS

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