

131 SERIES CPR

CARBON STEEL

Manufactured according to ISO 16028.

TECHNICAL SPECIFICATIONS

Features:
Its internal design and high strength material used, provide high operating characteristics and circuit efficiency.
Minimal fluid spillage to enviroment.
Resistant to pressure impulses

C.U.R.P. – Connect Under Residual Pressure male couplings available.

Operating pressure:	Up to 500 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926 (J1926) ISO 8434-1 (DIN 2353)*	
Closing System:	Flat Face / C.U.R.P.**	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Not Allowed / only C.U.R.P. model	

Available Size: 1/8” a 2”

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100ºC	+200ºC	+150ºC
	-30ºC	-10ºC	-40ºC

Sectors: Industrial, Building Machinery



Applications:	Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange:	FASTER FFH / PARKER FEM AEROQUIP FD89 / SNAP-TITE 74

**Others upon request.*

MODEL STRUCTURE

Example:

131.11113 AD

Series	Material	Part	Closing	O-rings	Size (S)		Thread
131.	**1** Carbon St.	**1** Male	**1** Flat	**1** NBR	**0** 4	1/8”	2 letters (see Table of Threads page 999-1)
	3 Carbon St. Ni.	**2** Female	**3** C.U.R.P.	**2** VITON	**1** 6.3	1/4”	
				3 EPDM	**2** 10	3/8”	
					3 12.5	1/2”	
					4 16	3/4”	
					5 19	1”	
					6 25	1 1/4”	
					7 30	1 1/2”	
					8 45	2”	

**C.U.R.P. Is available in male part only

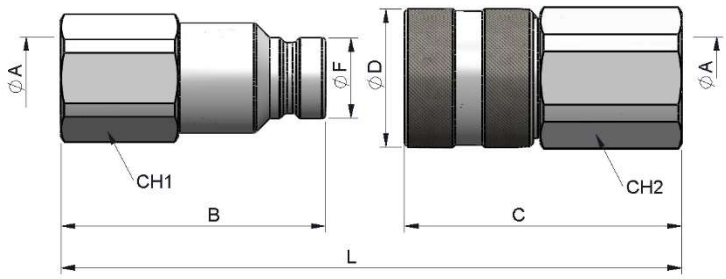
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131 SERIES
CPR

CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 4 - 1/8"



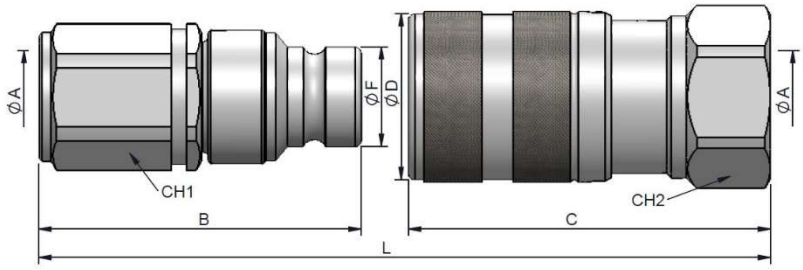
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
4	1/8" BSP	131.11110AA	500	17	38.35	11.65	70.50
	1/8" NPTF	131.11110BA					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
4	1/8" BSP	131.12110AA	500	19	40.2	20	70.50
	1/8" NPTF	131.12110BA					

(S) 6.3 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
6.3	1/4" BSP	131.11111AB	500	22	52.5	16.20	103
	1/4" NPTF	131.11111BB					
	9/16"- 18h UNF	131.11111GD					
	M14X1.5	131.11111ND					
	M16X1.5	131.11111NE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
6.3	1/4" BSP	131.12111AB	500	27	62	28	103
	1/4" NPTF	131.12111BB					
	9/16"- 18h UNF	131.12111GD					
	M14X1.5	131.12111ND					
	M16X1.5	131.12111NE					

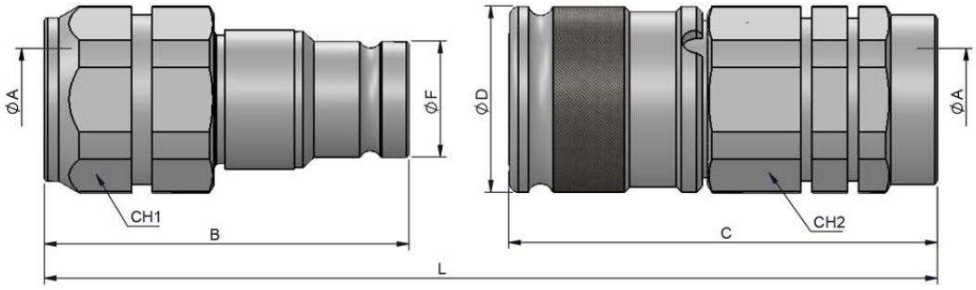
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CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 10 - 3/8"



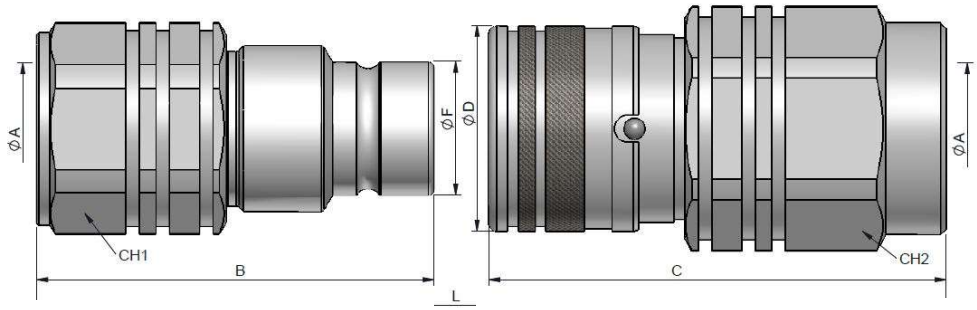
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
10	3/8" BSP	131.11112AC	350	30	62.5	19.80	120
	3/8" NPTF	131.11112BC					
	1/2" BSP	131.11112AD					
	1/2" NPTF	131.11112BD					
	3/4"- 16h UNF	131.11112GF					
	7/8"- 14h UNF	131.11112GH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
10	3/8" BSP	131.12112AC	350	30	73.5	32	120
	3/8" NPTF	131.12112BC					
	1/2" BSP	131.12112AD					
	1/2" NPTF	131.12112BD					
	3/4"- 16h UNF	131.12112GF					
	7/8"- 14h UNF	131.12112GH					

(S) 12.5 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
12.5	1/2" BSP	131.11113AD	330	36	73	24.50	140
	1/2" NPTF	131.11113BD					
	3/4" BSP	131.11113AE					
	3/4" NPTF	131.11113BE					
	7/8"- 14h UNF	131.11113GH					
	1 1/16"- 12 UN	131.11113GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
12.5	1/2" BSP	131.12113AD	330	41	87	38	140
	1/2" NPTF	131.12113BD					
	3/4" BSP	131.12113AE					
	3/4" NPTF	131.12113BE					
	7/8"- 14h UNF	131.12113GH					
	1 1/16"- 12 UN	131.12113GK					

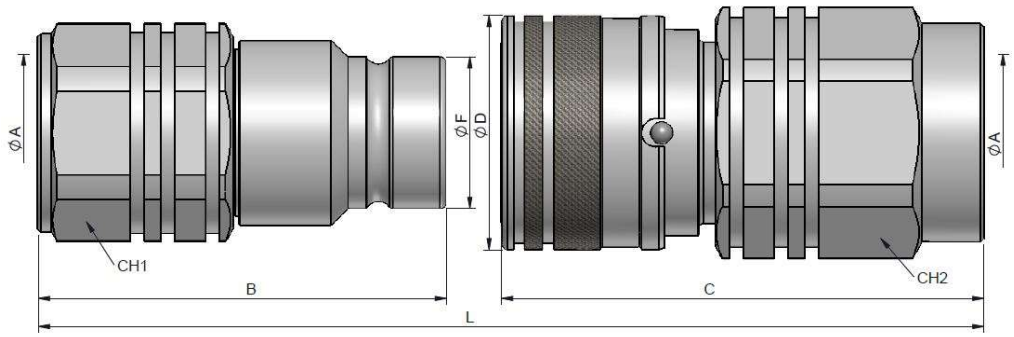
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131 SERIES
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CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 16 - 3/4"



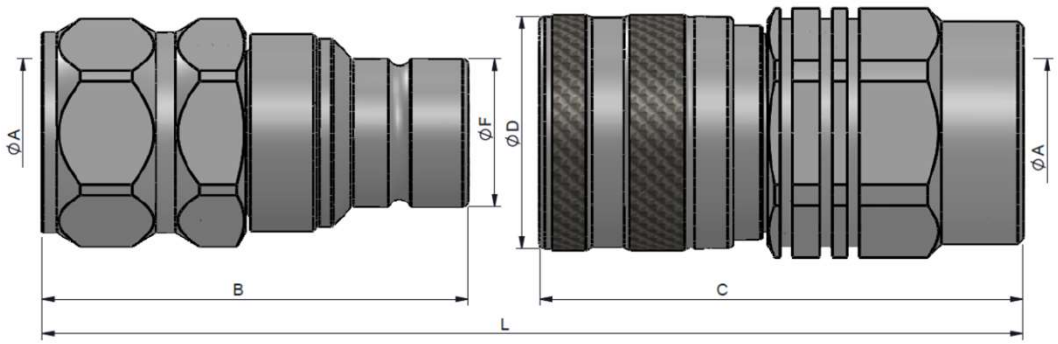
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
16	3/4" BSP	131.11114AE	330	36	73	27	142
	3/4" NPTF	131.11114BE					
	1 1/16" -12h UN	131.11114GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
16	3/4" BSP	131.12114AE	330	41	86	42	142
	3/4" NPTF	131.12114BE					
	1 1/16" -12h UN	131.12114GK					

(S) 19 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
19	1" BSP	131.11115AF	330	41	86	30	160
	1" NPTF	131.11115BF					
	1 5/16"- 12h UN	131.11115GO					
	3/4" BSP	131.11115AE					
	3/4" NPTF	131.11115BE					
	1 1/16"- 12h UN	131.11115GK					
	1 1/4" BSP	131.11115AG		50	90		168
	1 1/4" NPTF	131.11115BG			86		164

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
19	1" BSP	131.12115AF	330	46	97.50	48	162
	1" NPTF	131.12115BF					
	1 5/16"- 12h UN	131.12115GO					
	3/4" BSP	131.12115AE					
	3/4" NPTF	131.12115BE					
	1 1/16"- 12h UN	131.12115GK					
	1 1/4" BSP	131.12115AG		50	100		168
	1 1/4" NPTF	131.12115BG					164

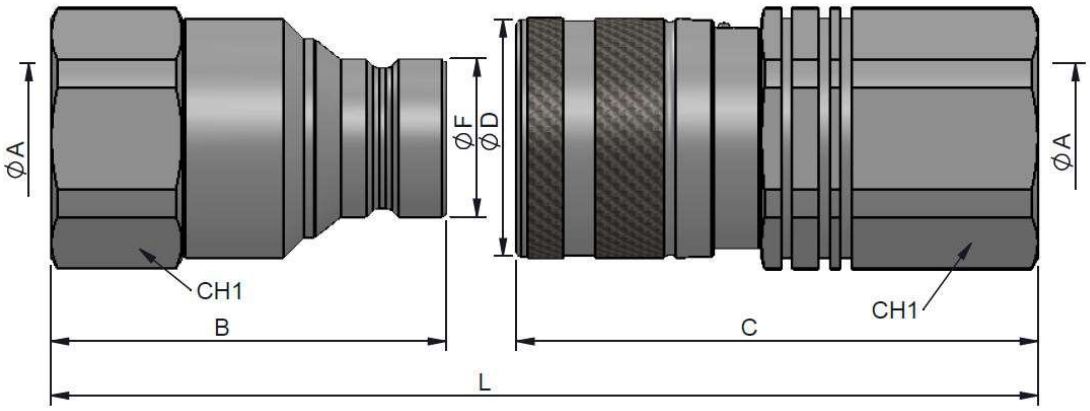
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CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 25 - 1 1/4"



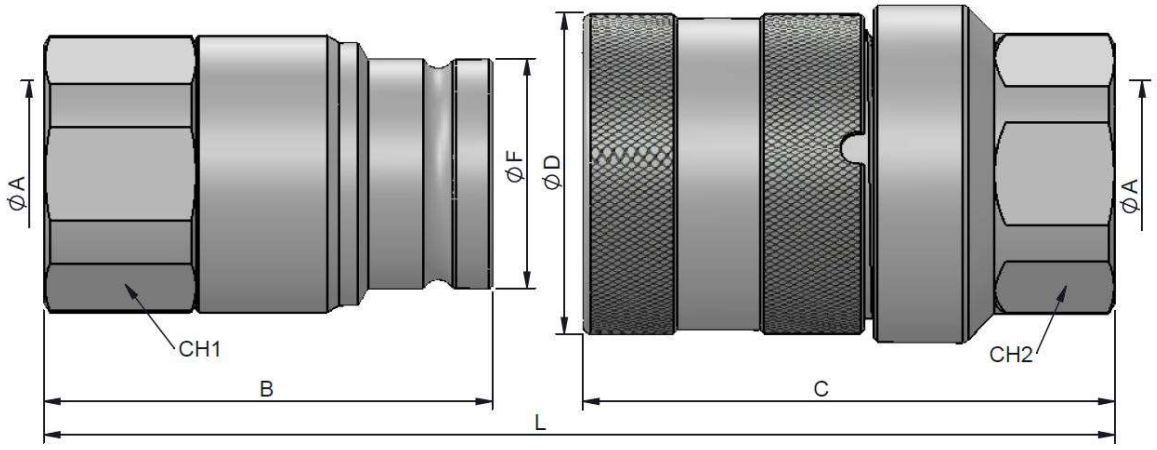
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
25	1 1/4" BSP	131.11116AG	300	55	90	36	178
	1 1/4" NPTF	131.11116BG					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
25	1 1/4" BSP	131.12116AG	300	55	119	54	178
	1 1/4" NPTF	131.12116BG					

(S) 30 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
30	1 1/2" BSP	131.11117AH	280	65	111.5	57	215
	1 1/2" NPTF	131.11117BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
30	1 1/2" BSP	131.12117AH	280	65	132.20	80	215
	1 1/2" NPTF	131.12117BH					

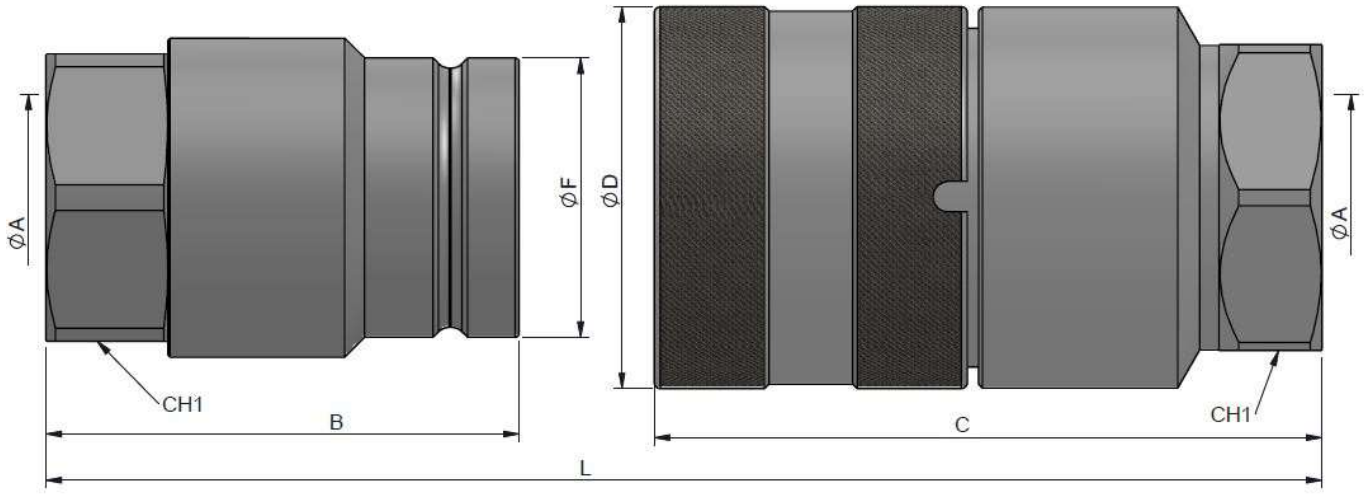
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CARBON STEEL
FEMALE THREAD
BSP / NPTF / ISO 11926 (J1926)

(S) 45 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
45	2" BSP	131.11118AI	250	75	124	73	260

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
45	2" BSP	131.12118AI	250	80	175	100	260

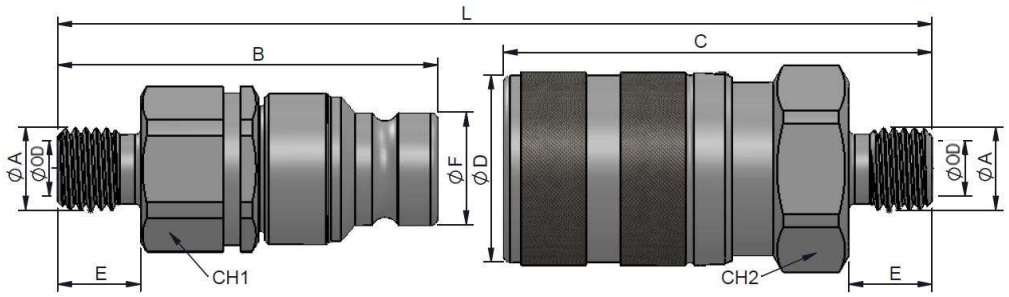
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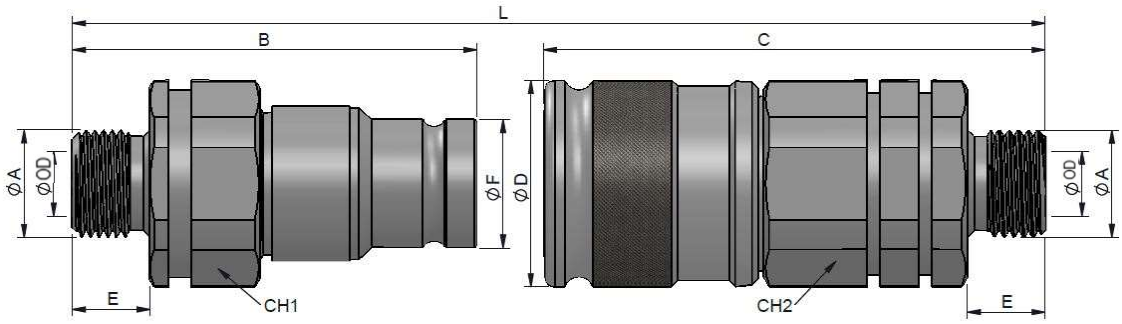
CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 6.3 - 1/4"



					STANDARD MALE MODELS					STANDARD FEMALE MODELS					
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
6.3	M12x1.5	LIGHT	6L	106	131.11111JB	500	22	55	16.2	12	131.12111JB	500	27	62	27.5	12
	M14x1.5		8L	104	131.11111JC	500	22	54	16.2	11	131.12111JC	500	27	63	27.5	11
	M16x1.5		10L	104	131.11111JD	500	22	54	16.2	11	131.12111JD	500	27	63	27.5	11
	M16x1.5	HEAVY	8S	104	131.11111KD	500	22	54	16.2	11	131.12111KD	500	27	63	27.5	11
	M18x1.5		10S	104	131.11111KE	500	22	54	16.2	11	131.12111KE	500	27	63	27.5	11

(S) 10 - 3/8"



					STANDARD MALE MODELS						STANDARD FEMALE MODELS					
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
10	3/8" BSP	LIGHT	*	125	131.11112AN	350	30	63	19.79	12	131.12112AN	350	30	78	33	12
	M14x1.5		8L	122	131.11112JC	350	30	62	19.79	11	131.12112JC	350	30	77	33	11
	M16x1.5		10L	125	131.11112JD	350	30	63	19.79	12	131.12112JD	350	30	78	33	12
	M16x1.5	HEAVY	8S	125	131.11112KD	350	30	63	19.79	12	131.12112KD	350	30	78	33	12
	M18x1.5		10S	125	131.11112KE	350	30	63	19.79	12	131.12112KE	350	30	78	33	12
	M20x1.5		12S	125	131.11112KF	350	30	63	19.79	12	131.12112KF	350	30	78	33	12

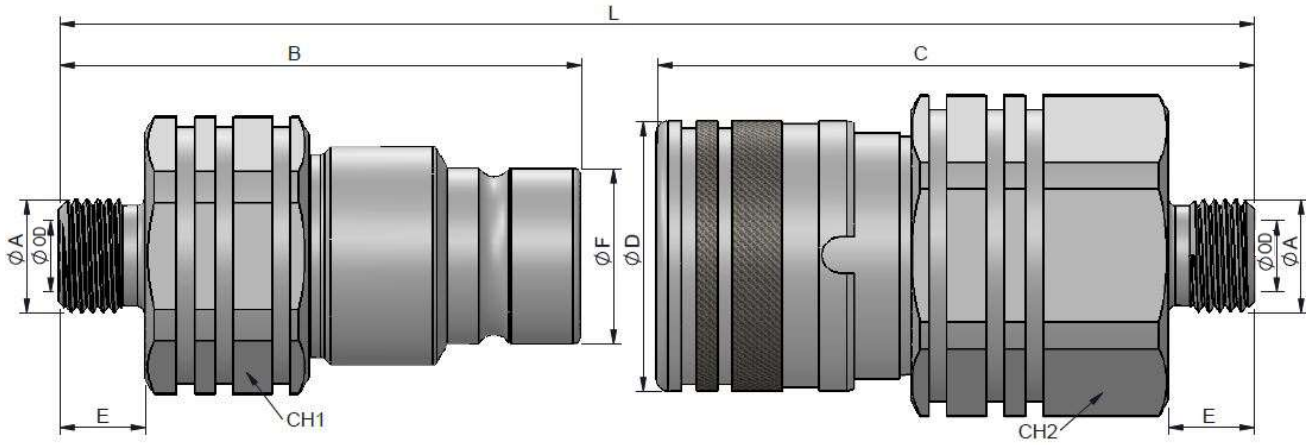
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131 SERIES
CPR

CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 12.5 - 1/2"



					STANDARD MALE MODELS						STANDARD FEMALE MODELS					
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
12.5	M14x1.5	LIGHT	8L	135	131.11113JC	330	36	73	24,58	11	131.12113JC	330	41	79.5	38.5	11
	M16x1.5		10L	137	131.11113JD	330	36	74	24,58	12	131.12113JD	330	41	80.5	38.5	12
	M18x1.5		12L	137	131.11113JE	330	36	74	24,58	12	131.12113JE	330	41	80.5	38.5	12
	M22x1.5		15L	137	131.11113JG	330	36	74	24,58	12	131.12113JG	330	41	80.5	38.5	12
	M26x1.5		18L	137	131.11113JI	330	36	74	24,58	12	131.12113JI	330	41	80.5	38.5	12
	M18x1.5	HEAVY	10S	137	131.11113KE	330	36	74	24,58	12	131.12113KE	330	41	80.5	38.5	12
	M20x1.5		12S	137	131.11113KF	330	36	74	24,58	12	131.12113KF	330	41	80.5	38.5	12
	M22x1.5		14S	137	131.11113KG	330	36	74	24,58	12	131.12113KG	330	41	80.5	38.5	12
	M24x1.5		16S	137	131.11113KH	330	36	74	24,58	12	131.12113KH	330	41	80.5	38.5	12

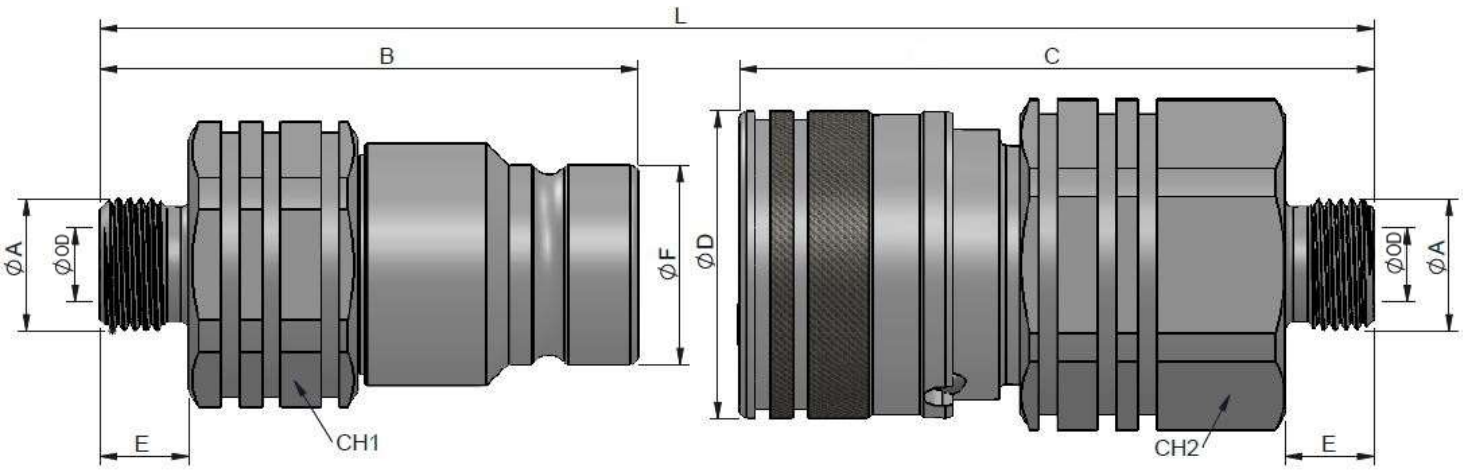
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131 SERIES
CPR

CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 16 - 3/4"



					STANDARD MALE MODELS						STANDARD FEMALE MODELS					
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
16	M18x1.5	LIGHT	12L	139.5	131.11114JE	330	36	74	27.08	12	131.12114JE	330	41	86	42	12
	M22x1.5		15L	139.5	131.11114JG	330	36	74	27.08	12	131.12114JG	330	41	86	42	12
	M26x1.5		18L	139.5	131.11114JI	330	36	74	27.08	12	131.12114JI	330	41	86	42	12
	M30x2		22L	151.5	131.11114JJ	330	36	80	27.08	18	131.12114JJ	330	41	86	42	18
	M22x1.5	HEAVY	14S	139.5	131.11114KG	330	36	74	27.08	12	131.12114KG	330	41	86	42	12
	M24x1.5		16S	139.5	131.11114KH	330	36	74	27.08	12	131.12114KH	330	41	86	42	12
	M30x2		20S	151.5	131.11114KJ	330	36	80	27.08	18	131.12114KJ	330	41	86	42	18

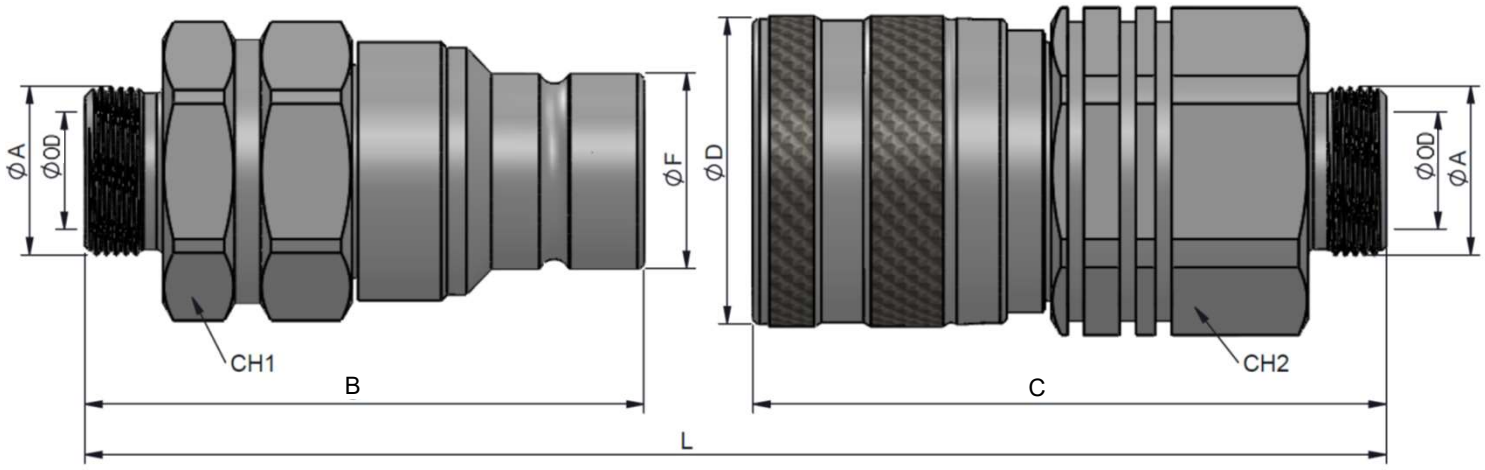
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CPR

CARBON STEEL
MALE THREAD
DIN 2353 (ISO 8434-1)

(S) 19 - 1"



					STANDARD MALE MODELS						STANDARD FEMALE MODELS					
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
19	M26x1.5	LIGHT	18L	152	131.11115JI	330	41	82	30	12	131.12115JI	330	46	92	30	12
	M30x2		22L	164	131.11115JJ	330	41	88	30	18	131.12115JJ	330	46	98	30	18
	M36x2		28L	157	131.11115JK	330	41	81	30	18	131.12115JK	330	46	98	30	18
	M45x2		35L	151	131.11115JM	330	46	81	30	16	131.12115JM	330	46	92	30	16
	M30x2	HEAVY	20S	163	131.11115KJ	330	41	86	30	18	131.12115KJ	330	46	99	30	18
	M36x2		25S	155	131.11115KK	330	41	86	30	18	131.12115KK	330	46	99	30	18
	M42x2		30S	155	131.11115KL	330	46	81	30	18	131.12115KL	330	46	96	30	18
	M52x2		38S	153	131.11115KN	330	55	81	30	20	131.12115KN	330	55	94	30	20

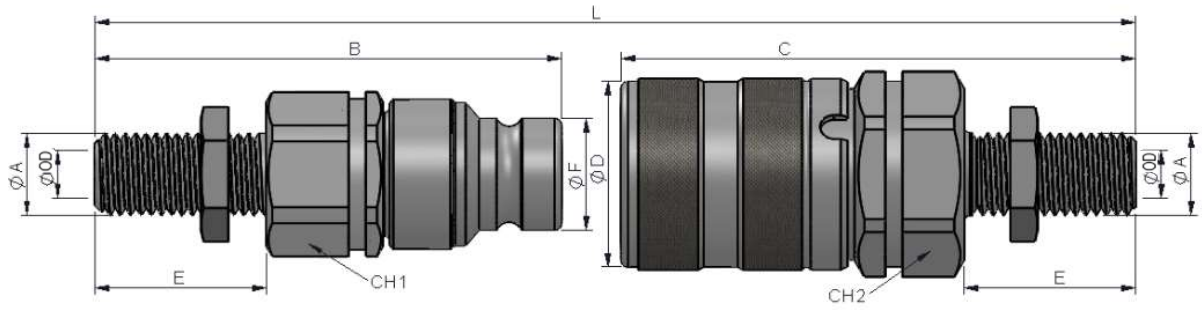
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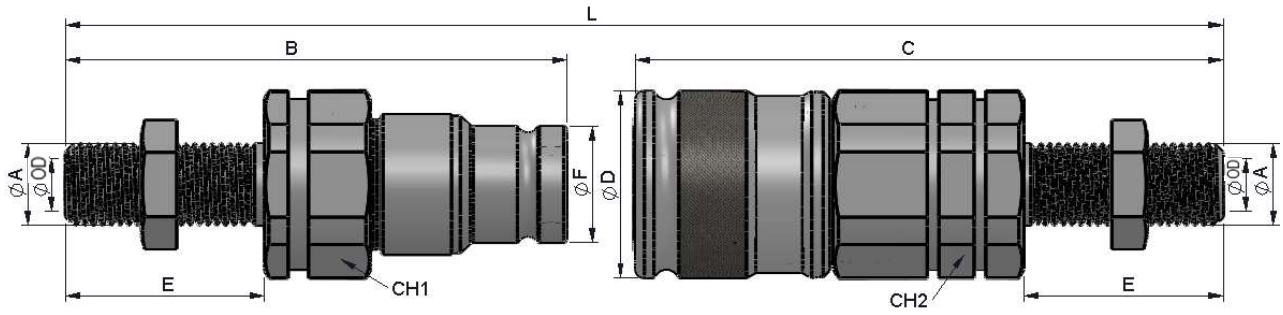
CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 6.3 - 1/4"



						STANDARD MALE MODELS						STANDARD FEMALE MODELS				
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
6.3	M12x1.5	LIGHT	6L	132	131.11111LB	500	22	68	16.2	25	131.12111LB	500	27	75	27.5	25
	M14x1.5		8L	150	131.11111LC	500	22	77	16.2	34	131.12111LC	500	27	84	27.5	24
	M16x1.5		10L		131.11111LD	500	22		16.2		131.12111LD	500	27	63	27.5	35
	M16x1.5	HEAVY	8S	87	131.11111MD	500	22	43	16.2	26	131.12111MD	500	27	55	27.5	26
	M18x1.5		10S		131.11111ME	500	22		16.2		131.12111ME	500	27		27.5	

(S) 10 - 3/8"



						STANDARD MALE MODELS						STANDARD FEMALE MODELS				
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
10	M14x1.5	LIGHT	8L	168	131.11112LC	350	30	84.5	19.79	34	131.12112LC	350	30	99.5	33	34
	M16x1.5		10L	170	131.11112LD	350	30	85.5	19.79	35	131.12112LD	350	30	100.5	33	35
	M16x1.5	HEAVY	8S	152	131.11112MD	350	30	76.5	19.79	26	131.12112MD	350	30	91.5	33	26
	M18x1.5		10S	154	131.11112ME	350	30	77.5	19.79	27	131.12112ME	350	30	92.5	33	27
	M20x1.5		12S	170	131.11112MF	350	30	85.5	19.79	35	131.12112MF	350	30	100.5	33	35

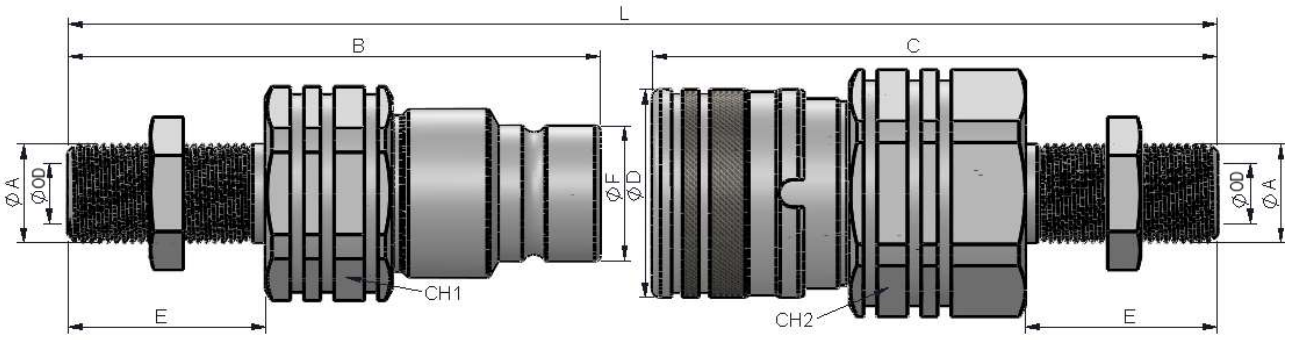
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131 SERIES
CPR

CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 12.5 - 1/2"



					STANDARD MALE MODELS						STANDARD FEMALE MODELS					
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
12.5	M14x1.5	LIGHT	8L	182	131.11113LC	330	36	97	24.58	34	131.12113LC	330	41	102.5	38,5	182
	M16x1.5		10L	183	131.11113LD	330	36	97	24.58	35	131.12113LD	330	41	103.5	38,5	183
	M18x1.5		12L	183	131.11113LE	330	36	97	24.58	35	131.12113LE	330	41	103.5	38,5	183
	M22x1.5		15L	181	131.11113LG	330	36	96	24.58	35	131.12113LG	330	41	102.5	38,5	181
	M26x1.5		18L	181	131.11113LI	330	36	96	24.58	35	131.12113LI	330	41	102.5	38,5	181
	M18x1.5	HEAVY	10S	183	131.11113ME	330	36	97	24.58	35	131.12113ME	330	41	103.5	38,5	183
	M20x1.5		12S	182	131.11113MF	330	36	97	24.58	35	131.12113MF	330	41	103.5	38,5	182
	M22x1.5		14S	182	131.11113MG	330	36	97	24.58	35	131.12113MG	330	41	103.5	38,5	182
	M24x1.5		16S	182	131.11113MH	330	36	97	24.58	35	131.12113MH	330	41	103.5	38,5	182

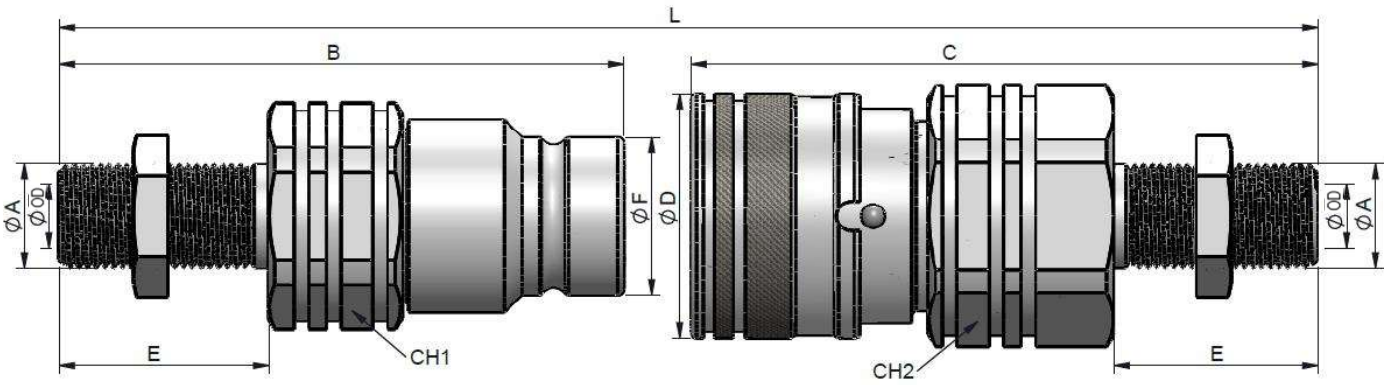
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131 SERIES
CPR

CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 16 – 3/4"



					STANDARD MALE MODELS						STANDARD FEMALE MODELS					
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
16	M18x1.5	LIGHT	12L	185.5	131.11114LE	330	36	97	27.08	35	131.12114LE	330	41	106	42	35
	M22x1.5		15L	183.5	131.11114LG	330	36	97	27.08	35	131.12114LG	330	41	105	42	35
	M26x1.5		18L	183.5	131.11114LI	330	36	96	27.08	35	131.12114LI	330	41	105	42	35
	M30x2	HEAVY	22L	183.5	131.11114LJ	330	36	97	27.08	35	131.12114LJ	330	41	105	42	35
	M24x1.5		16S	184.5	131.11114MH	330	36	97	27.08	35	131.12114MH	330	41	105	42	35
	M30x2		20S	184.5	131.11114MJ	330	36	97	27.08	35	131.12114MJ	330	41	105	42	35

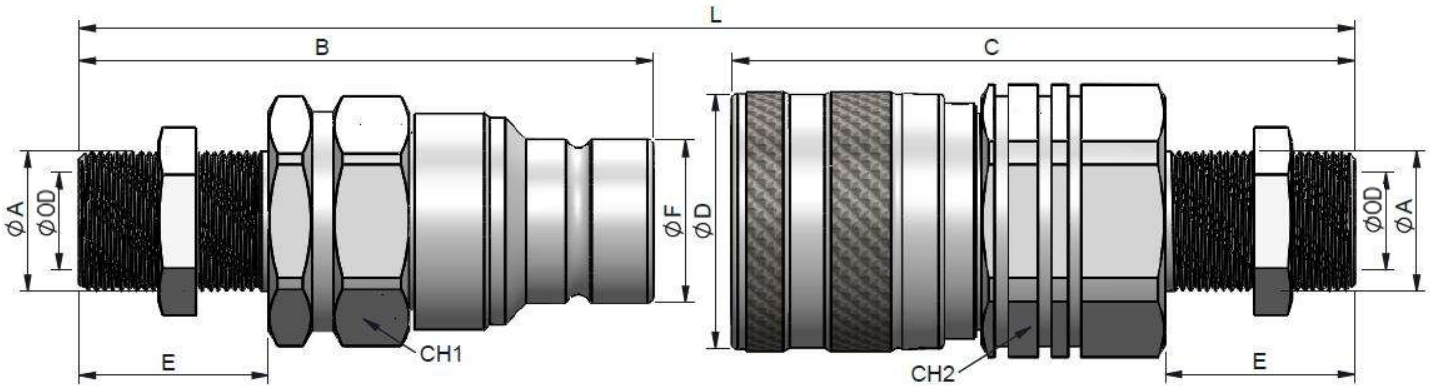
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131 SERIES
CPR

CARBON STEEL
MALE THREAD BULKHEAD 24° CONE
DIN 2353 (ISO 8434-1)

(S) 19 - 1"



						STANDARD MALE MODELS						STANDARD FEMALE MODELS				
(S)	ØA	OD		L	REF.		CH1	B	ØF	E	REF.		CH2	C	ØD	E
19	M26x1.5	LIGHT	18L	199	131.11115LI	330	41	106	30	35	131.12115LI	330	46	115	48.5	35
	M30x2		22L	199	131.11115LJ	330	41	106	30	35	131.12115LJ	330	46	114	48.5	35
	M36x2		28L	190	131.11115LK	330	41	98	30	34	131.12115LK	330	46	108	48.5	34
	M45x2		35L	186	131.11115LM	330	46	100	30	36	131.12115LM	330	46	114	48.5	36
	M30x2	HEAVY	20S	198	131.11115MJ	330	41	106	30	34	131.12115MJ	330	46	118	48.5	34
	M36x2		25S	205	131.11115MK	330	41	109	30	38	131.12115MK	330	46	117	48.5	38
	M42x2		30S	199	131.11115ML	330	46	104	30	40	131.12115ML	330	46	117	48.5	40
	M52x2		38S	196	131.11115MN	330	55	104	30	40	131.12115MN	330	55	114	48.5	40

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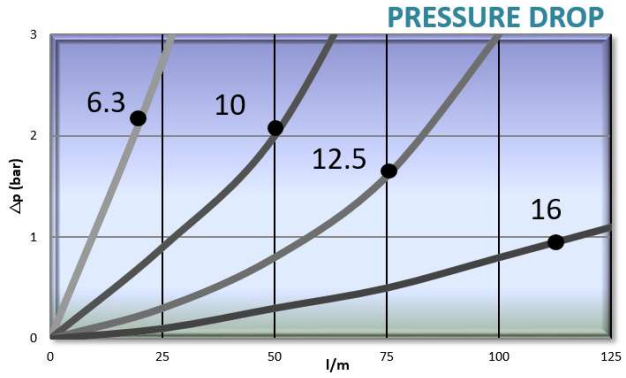
131 SERIES CPR

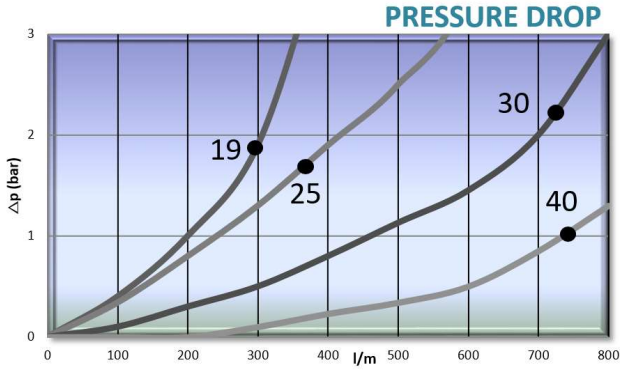
CARBON STEEL

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
	l/m	Male	Female	Coupled	Bar
4	5 l/m	1450	1400	1400	500
6.3	18 l/m	1450	1400	1400	500
10	45 l/m	1020	1100	1000	350
12.5	75 l/m	1000	980	1000	330
16	150 l/m	950	970	1000	330
19	200 l/m	950	940	1000	330
25	220 l/m	930	900	1000	300
30	240 l/m	890	890	1000	280
45	288 l/m	700	800	800	250

Test performed according to ISO 18869





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131 SERIES
CPR C.U.R.P.

TECHNICAL SPECIFICATIONS

Features:

Its internal design and high strength material used, provide high operating characteristics and circuit efficiency.
Minimal fluid spillage to enviroment.
Resistant to pressure impulses

C.U.R.P. valve allows connection under Residual Pressure.

Interchangeable with all ISO 16028 female 131 SERIES.

Operating pressure:	Up to 400 Bar	
Materials:	Body:	Carbon Steel EN -10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926	
Closing System:	C.U.R.P.	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Residual Pressure	

Available Size: 1/4" a 1 1/4"

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100ºC	+200ºC	+150ºC
	-30ºC	-10ºC	-40ºC

Sectors: Industrial, Building Machinery



Applications:	Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange:	FASTER 3FFH / PARKER FEM AEROQUIP FD89 / SNAP-TITE 74

MODEL STRUCTURE

Example:

131.11313 AD

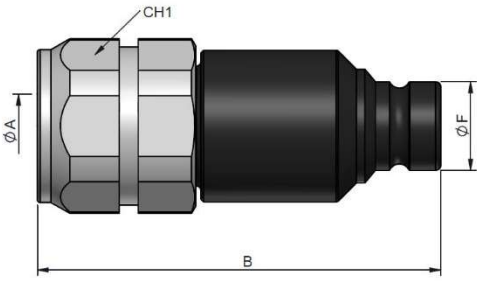
Series	Material	Part	Closing	O-rings	Size (S)		Thread
131.	**1** Carbon St.	**1** Male	**3** C.U.R.P.	**1** NBR	**1** 6	1/4"	2 letters (see Table of Threads page 999-1)
				2 VITON	**2** 10	3/8"	
				3 EPDM	**3** 13	1/2"	
					4 16	3/4"	
					5 19	1"	
					6 25	1 1/4"	

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131 SERIES
CPR C.U.R.P.

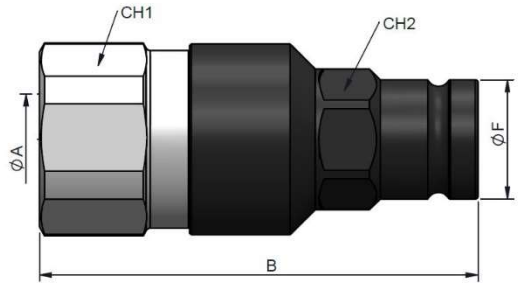
(S) 6.3 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
6.3	1/4" BSP	131.11311AB	400	30	74	16.20	121
	1/4" NPTF	131.11311BB					

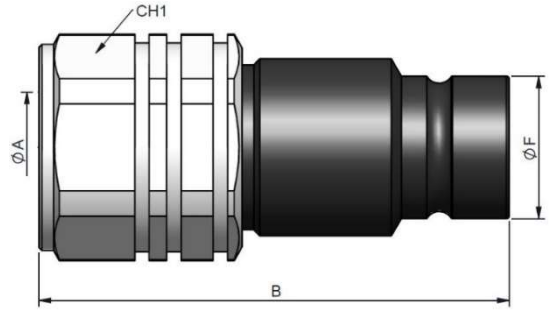
(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
10	3/8" BSP	131.11312AC	350	30	73	19,80	120
	3/8" NPTF	131.11312BC					
	1/2" BSP	131.11312AD					
	1/2" NPTF	131.11312BD					
	3/4"- 16h UNF	131.11312GF					
	7/8"- 14h UNF	131.11312GH					

(S) 12.5 - 1/2"



STANDARD MALE MODELS

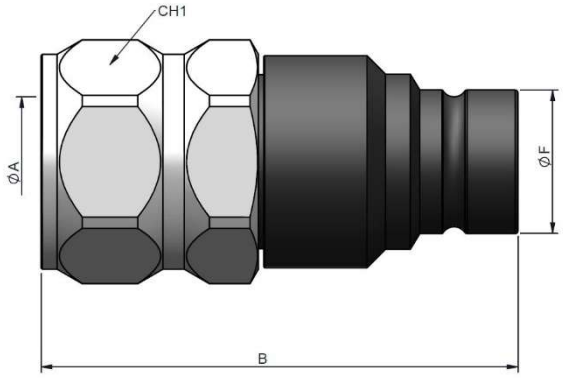
(S)	ØA	REF.		CH1	B	ØF	L
12.5	1/2" BSP	131.11313AD	330	36	81	24.5	150
	1/2" NPTF	131.11313BD					
	3/4" BSP	131.11313AE					
	3/4" NPTF	131.11313BE					
	7/8"- 14h UNF	131.11313GH					
	1 1/16"- 12h UN	131.11313GK					

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131 SERIES
CPR C.U.R.P.

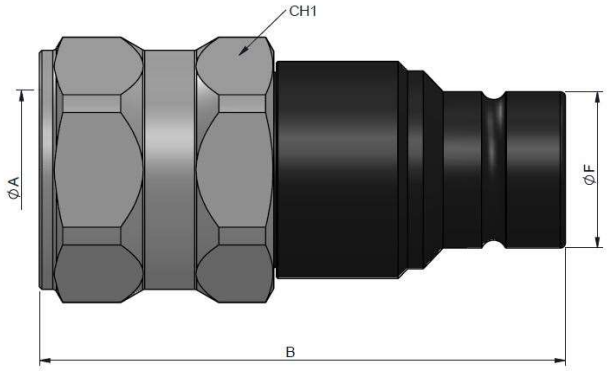
(S) 16 - 5/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
16	3/4" BSP	131.11314AE	330	41	90	27.1	157.5
	3/4" NPTF	131.11314BE					
	1 1/16" – 12h UN	131.11314GK					

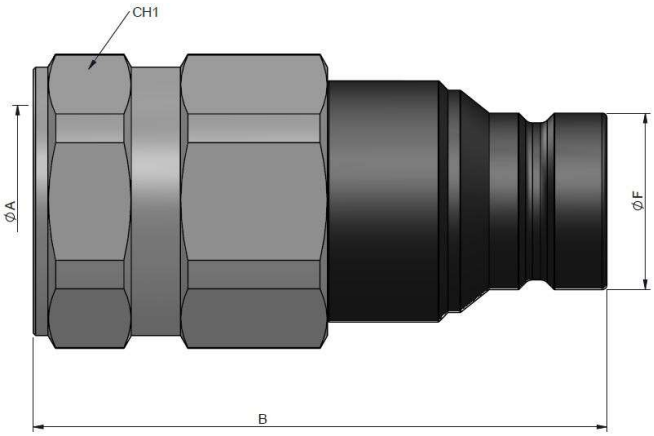
(S) 19 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
19	1" BSP	131.11315AF	330	46	101	30	175
	1" NPTF	131.11315BF					
	1 5/16" – 12h UN	131.11315GO					

(S) 25 - 1"



STANDARD MALE MODELS

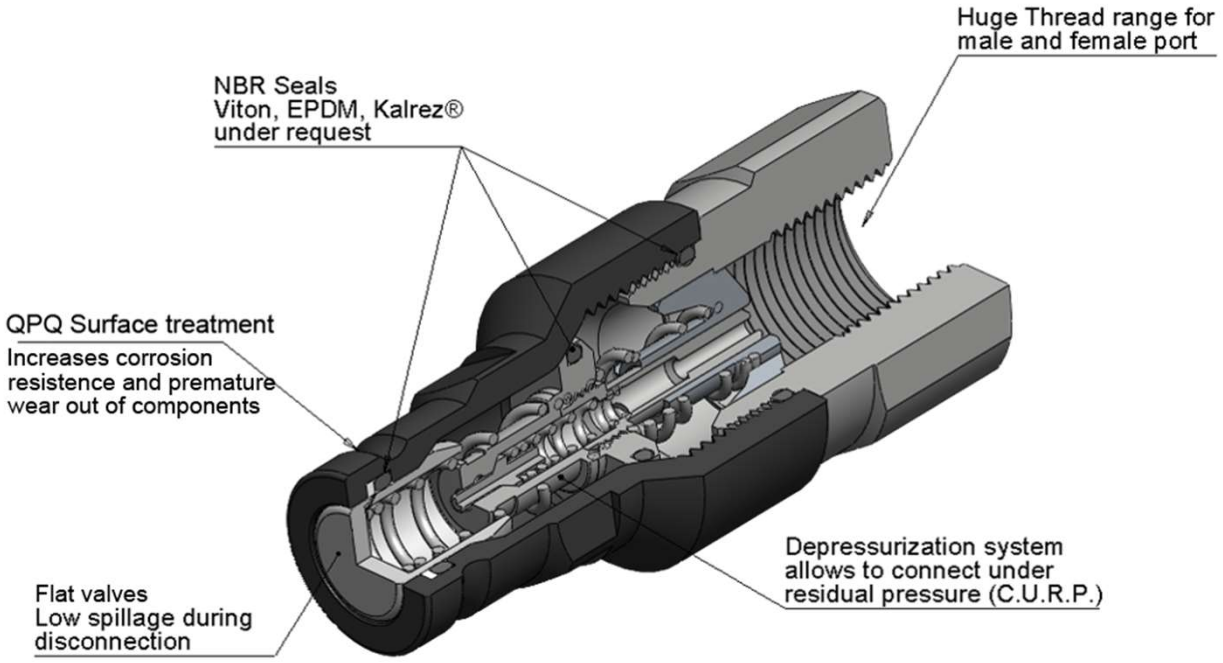
(S)	ØA	REF.		CH1	B	ØF	L
25	1 1/4" BSP	131.11316AG	300	55	117	36	212
	1 1/4" NPTF	131.11316BG					

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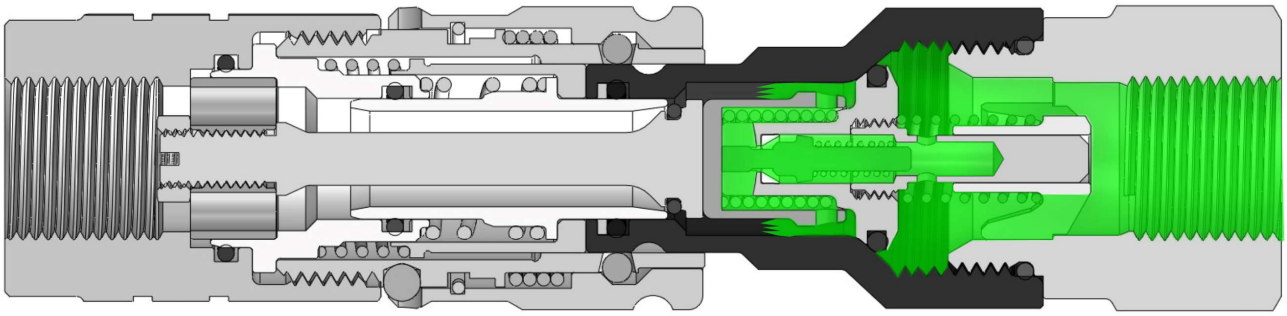


131 SERIES
CPR C.U.R.P.

TECHNICAL DATA



FLOW SIMULATION



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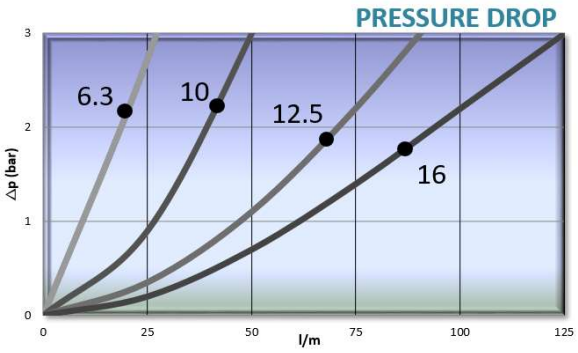


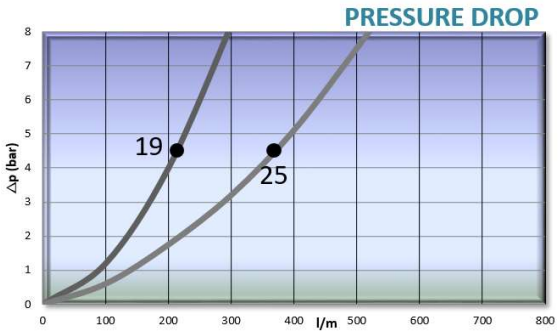
131 SERIES
CPR C.U.R.P.

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)		Max. Working Pressure
	l/m	Male	Coupled	Bar
6.3	18 l/m	1200	1100	400
10	45 l/m	1200	1000	350
12.5	75 l/m	1200	1000	330
16	150 l/m	1200	1000	330
19	200 l/m	1000	800	330
25	380 l/m	1000	800	300

Test performed according to ISO 18869





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131 SERIES CPR

STAINLESS STEEL

Manufactured according to ISO 16028.

TECHNICAL SPECIFICATIONS

Features:	Its internal design and high strength material used, provide high operating characteristics and circuit efficiency. Minimal fluid spillage to enviroment. Resistant to pressure impulses C.U.R.P. – Connect Under Residual Pressure male couplings available.	
Operating pressure:	Up to 350 Bar	
Materials:	Body:	Stainless Steel SS316
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	SS316
Available Threads:	BSP / NPTF / ISO 11926 (J1926) ISO 8434-1 (DIN 2353)*	
Closing System:	Flat Face / C.U.R.P.**	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 1/8” a 2”

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100ºC	+200ºC	+150ºC
	-30ºC	-10ºC	-40ºC

Sectors: Industrial, Building Machinery





Applications:	Designed for Hydraulic Oil (Group II-2014/68/EU)
Interchange:	Stucchi: Series AX / Faster: Series 2FFI stainless steel / Voswinkel: FH Edelstahl

**Others upon request.*

MODEL STRUCTURE

Example:

131.21113 AD

Series	Material	Part	Closing	O-rings	Size (S)	Thread
131.	**2** SS316	**1** Male	**1** Flat	**1** NBR	**0** 4 — 1/8”	2 letters (see Table of Threads page 999-1)
		2 Female	**3** C.U.R.P.	**2** VITON	**1** 6.3 — 1/4”	
				3 EPDM	**2** 10 — 3/8”	
					3 12.5 — 1/2”	
					4 16 — 5/8”	
					5 19 — 3/4”	
					6 25 — 1”	
					7 30 — 1 1/2”	
					8 45 — 2”	

**C.U.R.P. Is available in male part only

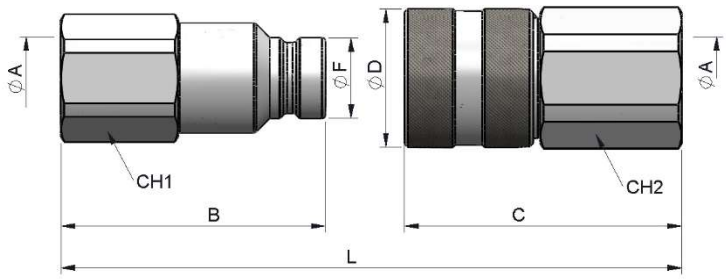
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131 SERIES
CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 4 - 1/8"



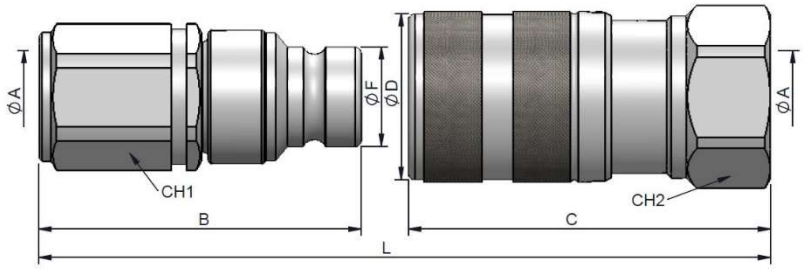
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
4	1/8" BSP	131.21120AA	350	17	38.35	11.65	70.50
	1/8" NPTF	131.21120BA					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
4	1/8" BSP	131.22120AA	350	19	40.2	20	70.50
	1/8" NPTF	131.22120BA					

(S) 6.3 - 1/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
6.3	1/4" BSP	131.21121AB	350	22	52.5	16.20	103
	1/4" NPTF	131.21121BB					
	9/16"- 18h UNF	131.21121GD					
	M16X1.5	131.21121ND					
	M18X1.5	131.21121NE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
6.3	1/4" BSP	131.22121AB	350	27	62	28	103
	1/4" NPTF	131.22121BB					
	9/16"- 18h UNF	131.22121GD					
	M16X1.5	131.22121ND					
	M18X1.5	131.22121NE					

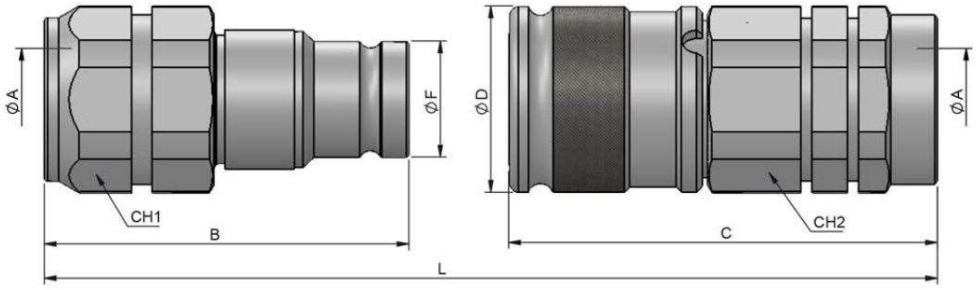
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131 SERIES CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 10 - 3/8"



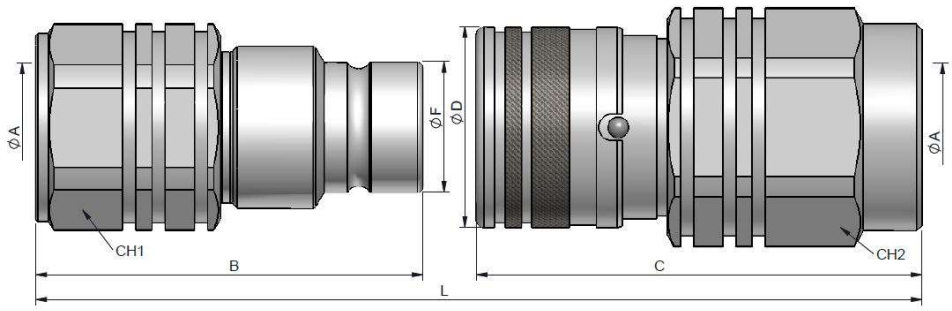
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
10	3/8" BSP	131.21122AC	250	30	62.5	19.80	120
	3/8" NPTF	131.21122BC					
	1/2" BSP	131.21122AD					
	1/2" NPTF	131.21122BD					
	3/4"- 16h UNF	131.21122GF					
	7/8"- 14h UNF	131.21122GH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
10	3/8" BSP	131.22122AC	250	30	73.5	32	120
	3/8" NPTF	131.22122BC					
	1/2" BSP	131.22122AD					
	1/2" NPTF	131.22122BD					
	3/4"- 16h UNF	131.22122GF					
	7/8"- 14h UNF	131.22122GH					

(S) 12.5 - 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
12.5	1/2" BSP	131.21123AD	250	36	73	24.50	140
	1/2" NPTF	131.21123BD					
	3/4" BSP	131.21123AE					
	3/4" NPTF	131.21123BE					
	7/8"- 14h UNF	131.21123GH					
	1 1/16"- 12h UN	131.21123GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
12.5	1/2" BSP	131.22123AD	250	41	87	38	140
	1/2" NPTF	131.22123BD					
	3/4" BSP	131.22123AE					
	3/4" NPTF	131.22123BE					
	7/8"- 14h UNF	131.22123GH					
	1 1/16"- 12h UN	131.22123GK					

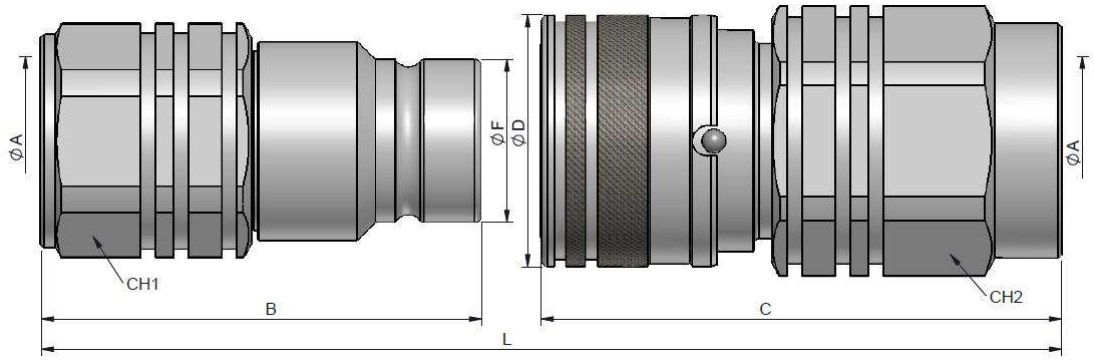
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131 SERIES
CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 16 - 5/8"



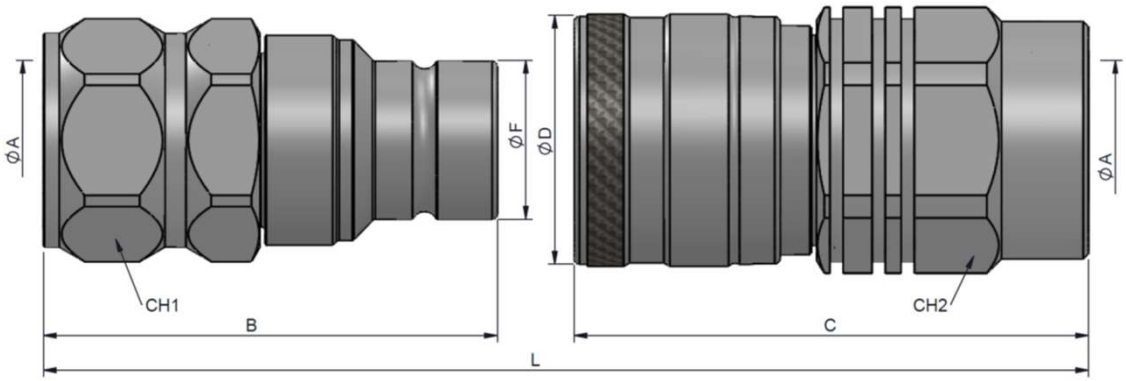
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
16	3/4" BSP	131.21124AE	250	36	73	27	142
	3/4" NPTF	131.21124BE					
	1 1/16" -12h UN	131.21124GK					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
16	3/4" BSP	131.22124AE	250	41	86	42	142
	3/4" NPTF	131.22124BE					
	1 1/16" -12h UN	131.22124GK					

(S) 19 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
19	1" BSP	131.21125AF	250	41	86	30	160
	1" NPTF	131.21125BF					
	1 5/16"- 12h UN	131.21125GO					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
19	1" BSP	131.22125AF	250	46	97.50	48	160
	1" NPTF	131.22125BF					
	1 5/16"- 12h UN	131.22125GO					

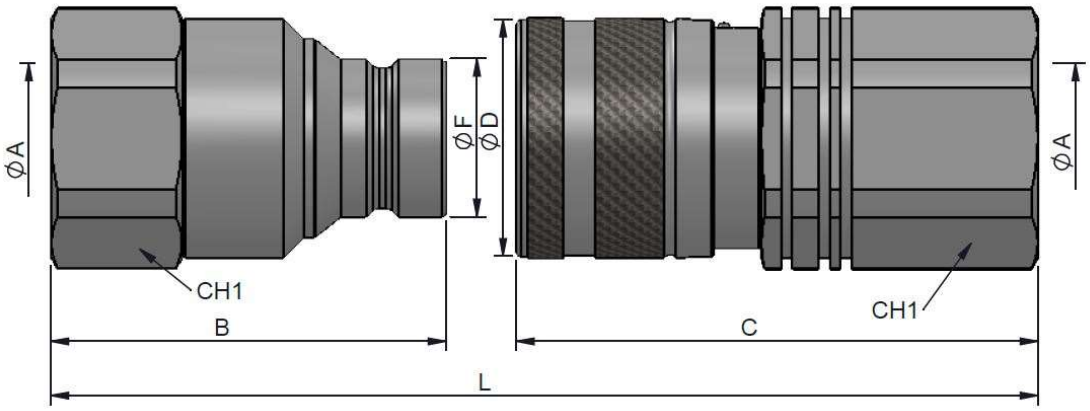
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131 SERIES
CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 25 - 1"



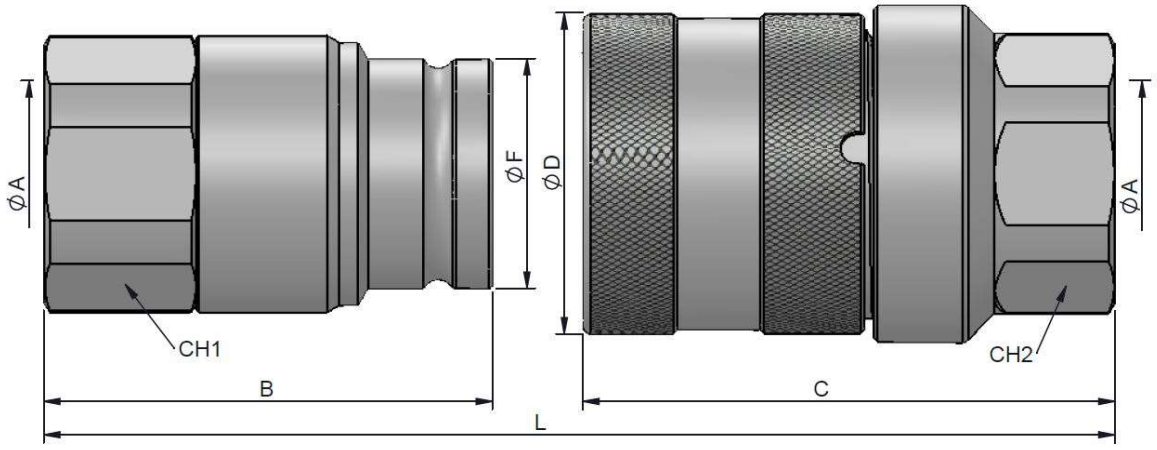
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
25	1 1/4" BSP	131.21126AG	250	55	90	36	178
	1 1/4" NPTF	131.21126BG					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
25	1 1/4" BSP	131.22126AG	250	55	119	54	178
	1 1/4" NPTF	131.22126BG					

(S) 30 - 1 1/2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
30	1 1/2" BSP	131.21127AH	250	65	111.5	57	215
	1 1/2" NPTF	131.21127BH					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
30	1 1/2" BSP	131.22127AH	250	65	132.20	80	215
	1 1/2" NPTF	131.22127BH					

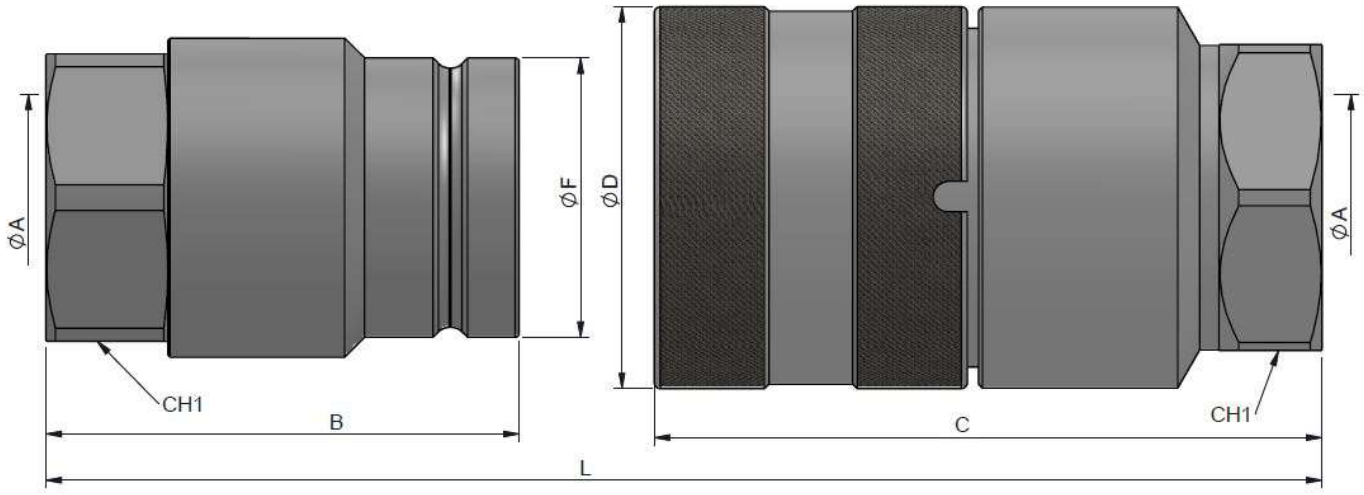
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131 SERIES
CPR

STAINLESS STEEL
FEMALE THREAD
BSP / NPTF / DIN 3852

(S) 45 - 2"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	B	ØF	L
45	2" BSP	131.21128AI	200	75	124	73	260

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	C	ØD	L
38	2" BSP	131.22128AI	200	80	175	100	260

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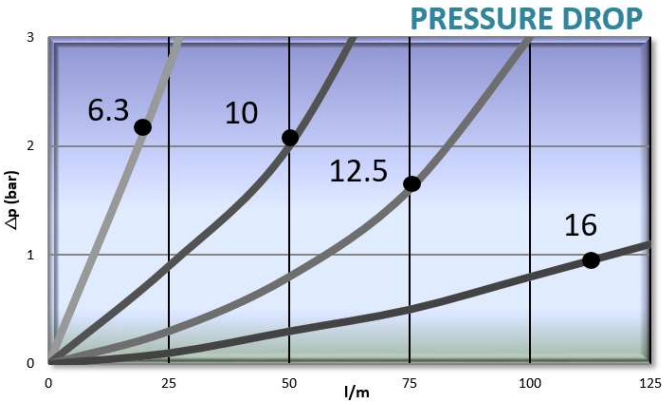
131 SERIES CPR

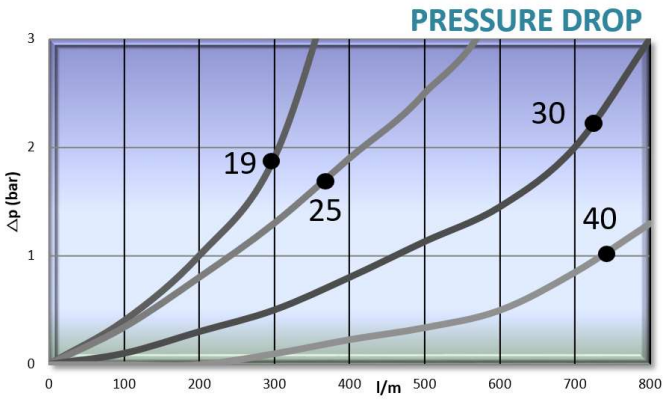
STAINLESS STEEL

TECHNICAL DATA

	Rated Flow	Min Burst Pressure (Bar)			Max. Working Pressure
	l/m	Male	Female	Coupled	Bar
4	5 l/m	1450	1400	1400	350
6	18 l/m	1450	1400	1400	350
10	45 l/m	1020	1100	1000	250
13	75 l/m	1000	980	1000	250
16	150 l/m	950	970	1000	250
19	200 l/m	950	940	1000	250
25	220 l/m	930	900	1000	250
32	240 l/m	930	890	1000	250
45	288 l/m	700	800	800	200

Test performed according to ISO 18869





v12

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131 SERIES CPR

FEMALE FOR UNDERGROUND GARBAGE ELEVATORS

Manufactured according to ISO 16028.

TECHNICAL SPECIFICATIONS

Features:

Developed for hammer applications and systems with frequent high pulsating pressure.

Nickel plated outer body for a higher corrosion resistance to ensure durability under the most extreme conditions. Ergonomically shape for easy connection and disconnection.

Compact flat face that eliminates leaks and contamination of the circuit.

Operating pressure:	Up to 350 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP	
Closing System:	Flat Face	
Connection / Disconnection:	Press to connect / Sleeve Retraction	
Connection Under Pressure:	Not Allowed	

Available Size: 3/8”

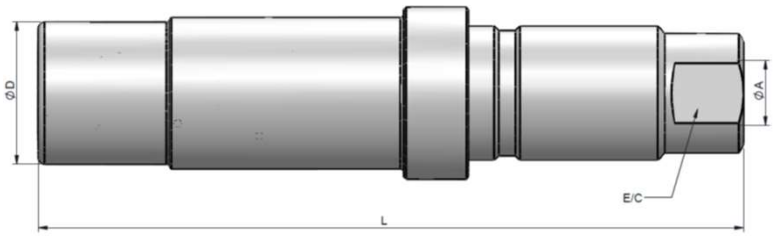
Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100ºC	+200ºC	+150ºC
	-30ºC	-10ºC	-40ºC

Sectors: Underground garbage elevators

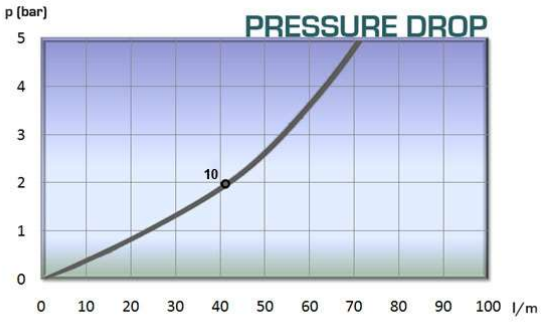
Applications:	Designed for Hydraulic Oil (Group II- 2014/68/EU)
Interchange:	-

(S) 10 - 3/8"



TECHNICAL DATA

Rated Flow	Min Burst Pressure (Bar)			Max. Working Pressure
l/m	Male	Female	Conect.	Bar
45 l/m	1300	1200	1400	350



STANDARD FEMALE MODELS

(S)	ØA	REF.		E/C	ØD	L
10	3/8”BSP	131SB.12112AC	350	24	33	164

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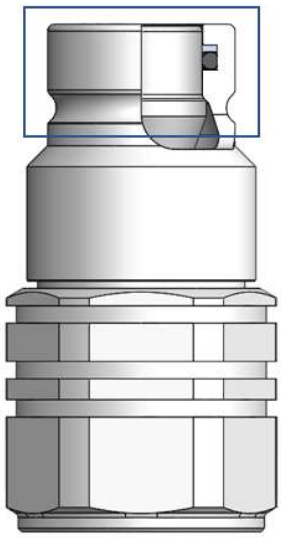


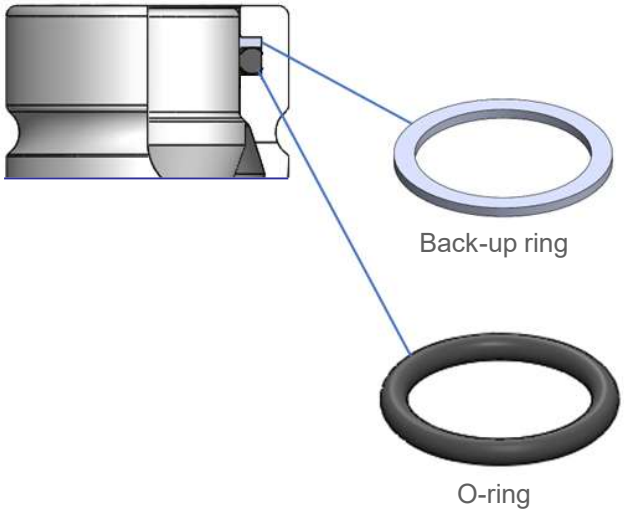
131 SERIES CPR

SEAL KIT MALE COUPLING

TECHNICAL DATA

Features:	Our seal kit includes an o-ring and a back-up ring.	
Available sizes.:	1/4” to 2’’	
Materials:	O-ring:	NBR
	Back-up Ring:	PTFE





STANDARD MALE KIT

(T)	Nº Seal kits / Bag	REF.
6.3	5	131.SK111
10	5	131.SK112
12.5	5	131.SK113
16	5	131.SK114
19	5	131.SK115
25	1	131.SK116
30	1	131.SK117
45	1	131.SK118

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131 SERIES CPR

CAPS

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Manufactured according to ISO 16028

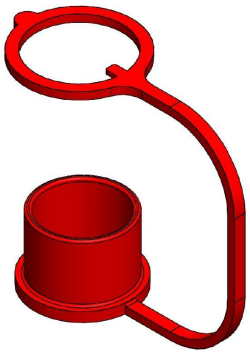
MODEL STRUCTURE / DIMENSIONS

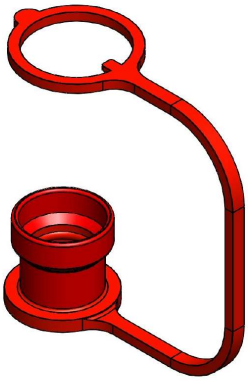
Example:

131.5313 AA

Series	Material	Part	Color	Size (S)	Type
131.	**5** Plastic	**3** Cap Female	**1** Red	**0** 04 1/8”	**AA**
		4 Cap Male		**1** 6 1/4”	
				2 10 3/8”	
				3 13 1/2”	
				4 16 5/8”	
				5 19 3/4”	

(S) 6 – (S) 19 – PLASTIC





CAP (FEMALE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	131.5311AA	*	*	*	*	*
10	131.5312AA					
13	131.5313AA					
16	131.5314AA					
19	131.5315AA					

CAP (MALE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	131.5411AA	*	*	*	*	*
10	131.5412AA					
13	131.5413AA					
16	131.5414AA					
19	131.5415AA					

* Available on order

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