



# 131 SERIES CPR



Manufactured according ISO 16028 norm.  
Flat Poppet Valve which avoids fluid leakages during the connection and disconnection.

## • Materials

Carbon Steel EN -10277-3 / AISI 316L

Seals: **NBR. Viton or EPDM**

Back-up-ring: **PTFE**

Balls: *AISI 1010/1015*

Springs: *Carbon Steel DIN 17233/84(B)*

• **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC

## • Equivalence

FASTER 2FFI  
PARKER FEM  
AEROQUIP FD89  
SNAP-TITE 74

## • Working temperature (Seals)

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

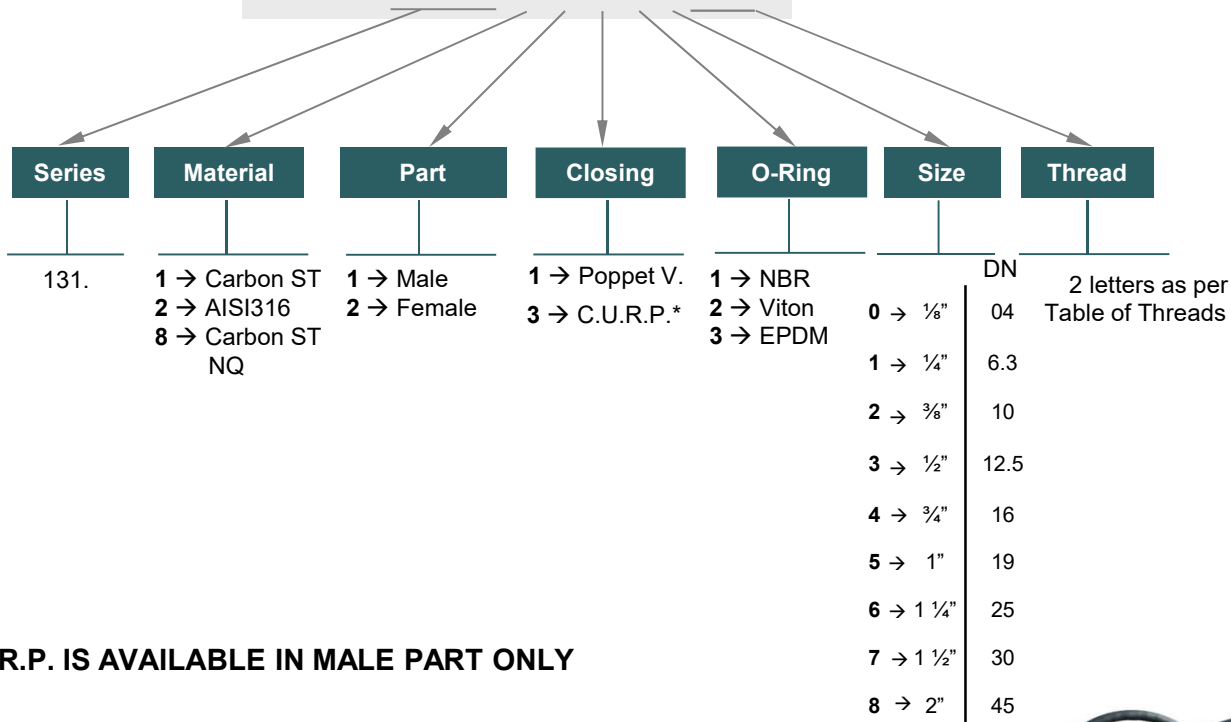
• **Sectors:** Industrial, Building Machinery



## MODEL STRUCTURE

Example:

### 131.11113 AD



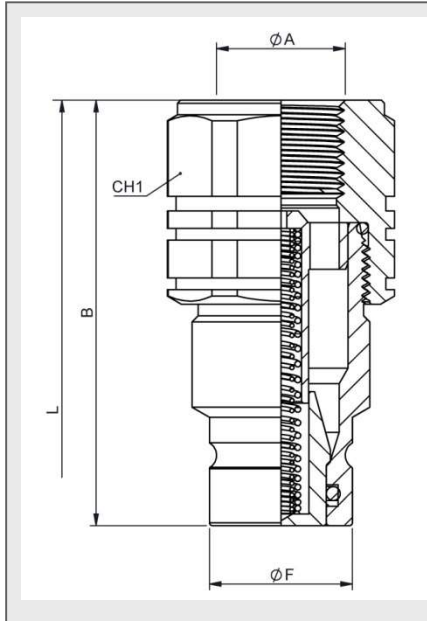
\* C.U.R.P. IS AVAILABLE IN MALE PART ONLY

## 131-1



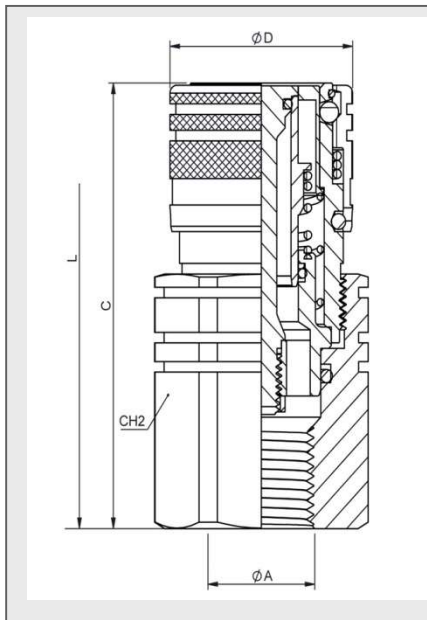


# 131 SERIES CPR



MALE				
DN	CH1	B	$\phi F$	L
04	17	36,35	11,65	68,25
6.3	22	48	16,20	85,50
10	30	62,50	19,80	116,50
12.5	36	62,50	24,50	134,50
16	36	70,50	27	132
19	41	82,50	30	154
25	55	90	36	173
30	65	111	57	215
45	75	125	73	

STANDARD MODELS					
DN	$\phi A$	MALE	FEMALE		
04	$\frac{1}{8}$ " BSP	131.11110AA	131.12110AA	500Bar	
		131.11110BA	131.12110BA		
6.3	$\frac{1}{4}$ " BSP	131.11111AB	131.12111AB	500Bar	
		131.11111BB	131.12111BB		
10	$\frac{1}{2}$ " BSP	131.11112AD	131.12112AD	350Bar	
		131.11112BD	131.12112BD		
	$\frac{3}{4}$ "-16ORB	131.11112GF	131.12112GF		330Bar
		131.11112GH	131.12112GH		
	$\frac{1}{2}$ " BSP	131.11113AD	131.12113AD		300Bar
		131.11113BD	131.12113BD		
12.5	$\frac{3}{4}$ " BSP	131.11113AE	131.12113AE	280Bar	
		131.11113BE	131.12113BE		
	$\frac{1}{2}$ " BSP	131.11114AE	131.12114AE		250Bar
		131.11114BE	131.12114BE		
16	$\frac{3}{4}$ " NPTF	131.11114GK	131.12114GK	250Bar	
		131.11115AF	131.12115AF		
19	1" NPTF	131.11115BF	131.12115BF	250Bar	
		131.11115GO	131.12115GO		
25	1 $\frac{1}{4}$ " BSP	131.11116AG	131.12116AG	300Bar	
		131.11116BG	131.12116BG		
30	1 $\frac{1}{2}$ " BSP	131.11117AH	131.12117AH	280Bar	
		131.11117BH	131.12117BH		
45	2" BSP	131.11118AI	131.12118AI	250Bar	



FEMALE				
DN	CH2	C	$\phi D$	L
04	19	39,85	20	68,25
6.3	27	48	28	85,50
10	30	64,50	32	116,50
12.5	41	84	38	134,50
16	41	78	42	132
19	46	92,50	48	154
25	55	105	55	173
30	65	132,50	80	215
45	80	165	100	

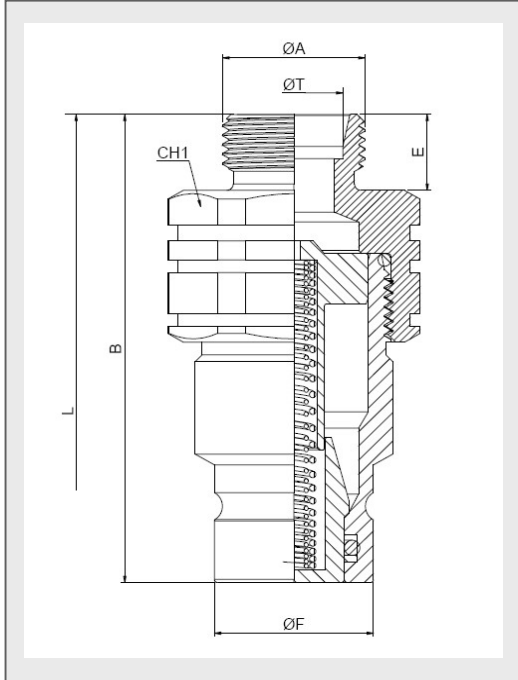




# 131 SERIES

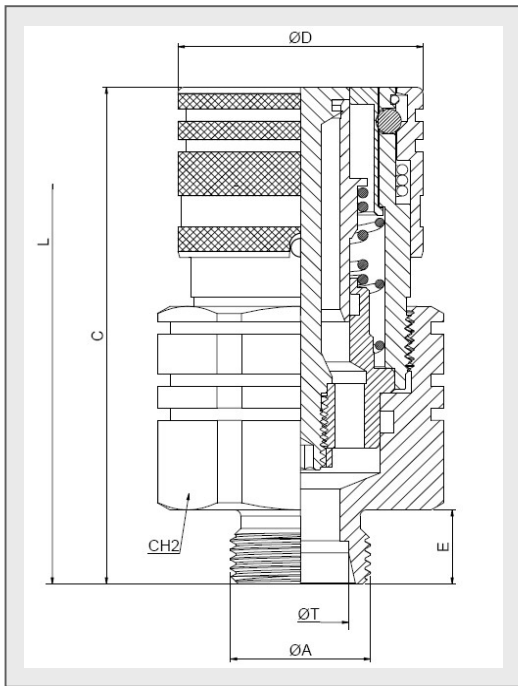
## CPR

DIN2353



### STANDARD MALE MODELS

DN	ØA	ØT	REF.		CH1	B	ØF	E	L
6.3	M12x1,5	6L	131.11111JB	500 Bar	22	55	16,2	12	106,2
	M14x1,5	8L	131.11111JC			54		11	104,2
	3/8" BSP M.	*	131.11112AN			62,5		12	124,4
10	M14x1,5	8L	131.11112JC	350 Bar	30	61,5	19,79	11	122,2
	M16x1,5	10L	131.11112JD			62,5		12	124,4
	M16x1,5	8S	131.11112KD			61,5		11	122,2
	M18x1,5	10S	131.11112KE			62,5		12	124,4
	M20x1,5	12S	131.11112KF			73		11	134,9
	M14x1,5	8L	131.11113JC			73		11	134,9
12.5	M16x1,5	10L	131.11113JD	330 Bar	36	74	24,58	12	136,9
	M18x1,5	12L	131.11113JE			74		12	136,9
	M22x1,5	15L	131.11113JG			74		12	136,9
	M26x1,5	18L	131.11113JI			74		12	136,9
	M18x1,5	10S	131.11113KE			74		12	136,9
	M20x1,5	12S	131.11113KF			74		12	136,9
16	M22x1,5	14S	131.11113KG	330 Bar	36	80	27,08	18	151,5
	M24x1,5	16S	131.11113KH			74		12	139,5
	M18x1,5	12L	131.11114JE			80		18	151,5
	M22x1,5	15L	131.11114JG			80		12	152,2
	M26x1,5	18L	131.11114JI			82		12	152,2
	M30x2	22L	131.11114JJ			88		18	164,2
19	M36x2	28L	131.11115JK	330 Bar	41	81	30	16	151,2
	M45x2	35L	131.11115JM			46		18	163,2
	M30x2	20S	131.11115KJ			41		86	155,2
	M36x2	25S	131.11115KK			46		81	153,2
	M42x2	30S	131.11115KL			55		20	153,2
	M52x2	38S	131.11115KN			55		20	153,2



### STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH2	C	ØD	E	L
6.3	M12x1,5	6L	131.12111JB	500 Bar	27	62	27,5	12	106,2
	M14x1,5	8L	131.12111JC			63		11	104,2
	3/8" BSP M.	*	131.12112AN			77,5		12	124,4
10	M14x1,5	8L	131.12112JC	350 Bar	30	76,5	33	11	122,2
	M16x1,5	10L	131.12112JD			77,5		12	124,4
	M16x1,5	8S	131.12112KD			76,5		11	122,2
	M18x1,5	10S	131.12112KE			77,5		12	124,4
	M20x1,5	12S	131.12112KF			79,5		11	134,9
	M14x1,5	8L	131.12113JC			79,5		11	134,9
12.5	M16x1,5	10L	131.12113JD	330 Bar	41	80,5	38,5	12	136,9
	M18x1,5	12L	131.12113JE			80,5		12	136,9
	M22x1,5	15L	131.12113JG			80,5		12	136,9
	M26x1,5	18L	131.12113JI			80,5		12	136,9
	M18x1,5	10S	131.12113KE			80,5		12	136,9
	M20x1,5	12S	131.12113KF			80,5		12	136,9
16	M22x1,5	14S	131.12113KG	330 Bar	41	83,1	42	18	151,5
	M24x1,5	16S	131.12113KH			83,1		12	139,5
	M18x1,5	12L	131.12114JE			83,1		18	151,5
	M22x1,5	15L	131.12114JG			83,1		12	152,2
	M26x1,5	18L	131.12114JI			89,1		12	152,2
	M30x2	22L	131.12114JJ			92		18	164,2
19	M36x2	28L	131.12115JK	330 Bar	46	98	30	18	157,2
	M45x2	35L	131.12115JM			92		16	151,2
	M30x2	20S	131.12115KJ			99		18	163,2
	M36x2	25S	131.12115KK			96		18	155,2
	M42x2	30S	131.12115KL			96		20	153,2
	M52x2	38S	131.12115KN			94		20	153,2





# 131 SERIES CPR

DIN2353

## STANDARD MALE MODELS

DN	ØA	ØT	REF.		CH1	B	ØF	E	L			
6.3	M12x1,5	6L	131.11111LB	500Bar	22	68	16,2	25	132,2			
	M14x1,5	8L	131.11111LC			77		34	150,2			
	M14x1,5	8L	131.11112LC			84,5		34	168,2			
10	M16x1,5	10L	131.11112LD	350Bar	30	85,5	19,79	35	170,2			
	M16x1,5	8S	131.11112MD			76,5		26	152,2			
	M18x1,5	10S	131.11112ME			77,5		27	154,2			
	M20x1,5	12S	131.11112MF			85,5		35	170,2			
	M14x1,5	8L	131.11113LC						34	182		
12.5	M16x1,5	10L	131.11113LD	330Bar	41	97	24,58		183			
	M18x1,5	12L	131.11113LE							183		
	M22x1,5	15L	131.11113LG							181		
	M26x1,5	18L	131.11113LI							183		
	M18x1,5	10S	131.11113ME									
	M20x1,5	12S	131.11113MF									
	M22x1,5	14S	131.11113MG									
16	M24x1,5	16S	131.11113MH	330Bar	41	97	27,08		185,5			
	M18x1,5	12I	131.11114LE							183,5		
	M22x1,5	15L	131.11114LG									
	M26x1,5	18L	131.11114LI									
	M30x2	22L	131.11114LJ									
	M24x1,5	16S	131.11114MH									
	M30x2	20S	131.11114MJ									
19	M26x1,5	18L	131.11115LI	330Bar	46	106	30	35	199,2			
	M30x2	22L	131.11115LJ							34	190,2	
	M36x2	28L	131.11115LK								36	186,2
	M45x2	35L	131.11115LM								34	198,2
	M30x2	20S	131.11115MJ								38	205,2
	M36x2	25S	131.11115MK									199,2
	M42x2	30S	131.11115ML									196,2
	M52x2	38S	131.11115MN		55	104		40				

## STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH2	C	ØD	E	L			
6.3	M12x1,5	6L	131.12111LB	500Bar	27	75	27,5	25	132,2			
	M14x1,5	8L	131.12111LC			84		34	150,2			
	M14x1,5	8L	131.12112LC			99,5		34	168,2			
10	M16x1,5	10L	131.12112LD	350Bar	30	100,5	33	35	170,2			
	M16x1,5	8S	131.12112MD			91,5		26	152,2			
	M18x1,5	10S	131.12112ME			92,5		27	154,2			
	M20x1,5	12S	131.12112MF			100,5		35	170,2			
	M14x1,5	8L	131.12113LC						34	182		
12.5	M16x1,5	10L	131.12113LD	330Bar	41	102,5	38,5		183			
	M18x1,5	12L	131.12113LE							181		
	M22x1,5	15L	131.12113LG							183		
	M26x1,5	18L	131.12113LI									
	M18x1,5	10S	131.12113ME									
	M20x1,5	12S	131.12113MF									
	M22x1,5	14S	131.12113MG									
16	M24x1,5	16S	131.12113MH	330Bar	41	103,5	42		182			
	M18x1,5	12I	131.12114LE							185,5		
	M22x1,5	15L	131.12114LG									
	M26x1,5	18L	131.12114LI									
	M30x2	22L	131.12114LJ									
	M24x1,5	16S	131.12114MH									
	M30x2	20S	131.12114MJ									
19	M26x1,5	18L	131.12115LI	330Bar	46	115	48,5	35	199,2			
	M30x2	22L	131.12115LJ							34	190,2	
	M36x2	28L	131.12115LK								36	186,2
	M45x2	35L	131.12115LM								34	198,2
	M30x2	20S	131.12115MJ								38	205,2
	M36x2	25S	131.12115MK									199,2
	M42x2	30S	131.12115ML									196,2
	M52x2	38S	131.12115MN		55	114		40				



# 131 SERIES

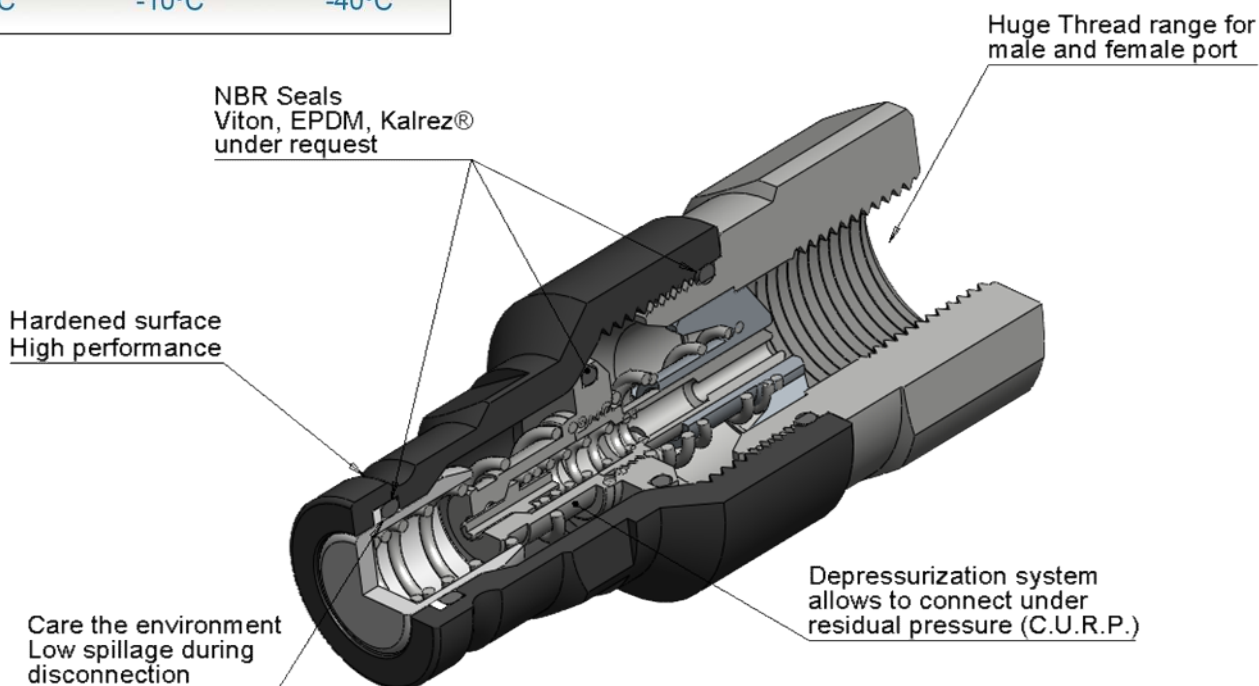
## CPR

### C.U.R.P.



Manufactured according ISO 16028 norm.  
Flat Poppet Valve which avoids fluid leakages during the connection and disconnection.

	NBR	Viton	EPDM
+	+100°C	+200°C	+150°C
-	-30°C	-10°C	-40°C



STANDARD MODEL CARBON STEEL						
DN	Port	REF.	Working Pressure	Rated Flow	Max. Residual Pressure	Spillage
10	3/8" BSP	131.11312AC	350 Bar	45 l/min	300 Bar	0,010 ml
12.5	1/2" BSP	131.11313AD	330 Bar	90 l/min	300 Bar	0,010 ml
16	3/4" BSP	131.11314AE	330 Bar	200 l/min	300 Bar	0,120 ml
19	1" BSP	131.11315AF	330 Bar	300 l/min	250 Bar	0,200 ml
25	1 1/4" BSP	131.11316AG	300 Bar	380 l/min	250 Bar	0,250 ml
30	1 1/2" BSP	131.11317AH	280 Bar	750 l/min	200 Bar	0,300 ml



# 131 SERIES

## CPR

STAINLESS STEEL  
AISI 316



Manufactured according ISO 16028 norm.  
Flat Poppet Valve which avoids fluid leakages during the connection and disconnection.

• **Materials**

Stainless steel AISI 316

Seals: **NBR, Viton or EPDM**

Back-up-ring: **PTFE**

Balls: *AISI 1010/1015*

Springs: *AISI302 DIN17224*

• **Working temperature (Seals)**

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

• **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC Hammer Application

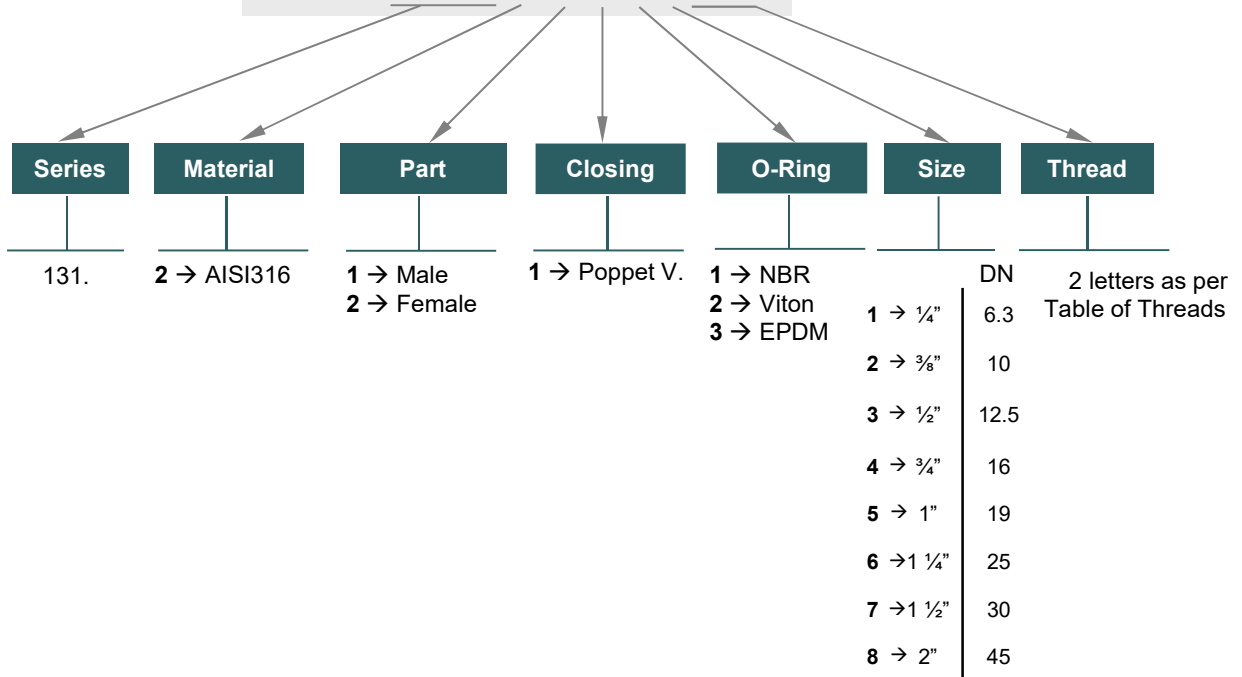
• **Sectors:** Industrial, Chemical



**MODEL STRUCTURE**

Example:

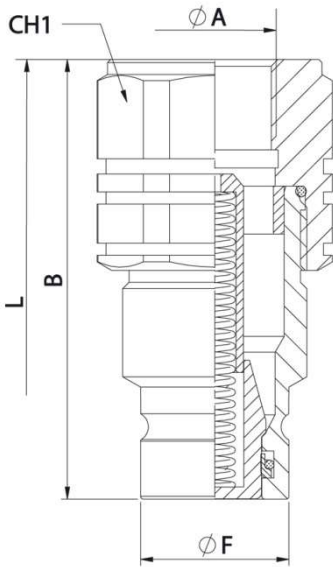
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# 131 SERIES

## CPR

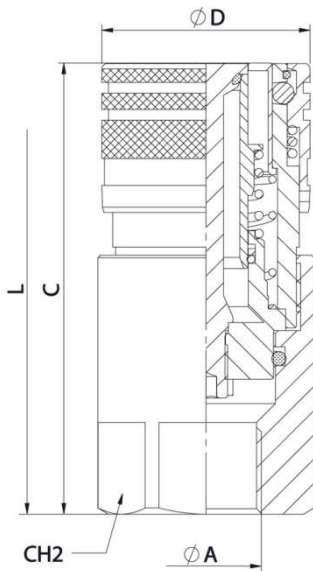
STAINLESS STEEL  
AISI 316



MALE				
DN	CH1	B	ØF	L
04	17	36,35	11,65	68,25
6.3	22	48	16,20	85,50
10	30	62,50	19,80	116,50
12.5	36	62,50	24,50	134,50
16	36	70,50	27	132
19	41	82,50	30	154
25	55	90	36	173
30	65	111	57	215
45	75	125	73	

### STANDARD MODELS

DN	ØA	MALE	FEMALE	
04	1/8" BSP	131.21110AA	131.22110AA	350Bar
	1/8" NPTF	131.21110BA	131.22110BA	
6.3	1/4" BSP	131.21121AB	131.22121AB	350Bar
	1/4" NPTF	131.21121BB	131.22121BB	
	3/8" BSP	131.21122AC	131.22122AC	
10	3/8" NPTF	131.21122BC	131.22122BC	250Bar
	1/2" BSP	131.21122AD	131.22122AD	
	1/2" NPTF	131.21122BD	131.22122BD	
	3/4"-16ORB	131.21122GF	131.22122GF	
	7/8"-14ORB	131.21122GH	131.22122GH	
12.5	1/2" BSP	131.21123AD	131.22123AD	250Bar
	1/2" NPTF	131.21123BD	131.22123BD	
	3/4" BSP	131.21123AE	131.22123AE	
	3/4" NPTF	131.21123BE	131.22123BE	
	7/8" - 14ORB	131.21123GH	131.22123GH	
16	1 1/16" 12ORB	131.21123GK	131.22123GK	250Bar
	3/4" BSP	131.21124AE	131.22124AE	
19	3/4" NPTF	131.21124BE	131.22124BE	250Bar
	1 1/16"-12ORB	131.21124GK	131.22124GK	
25	1" BSP	131.21125AF	131.22125AF	250Bar
	1" NPTF	131.21125BF	131.22125BF	
30	1 5/16"-12ORB	131.21125GO	131.22125GO	250Bar
	1 1/4" BSP	131.21126AG	131.22126AG	
45	1 1/4" NPTF	131.21126BG	131.22126BG	100Bar
	1 1/2" BSP	131.21127AH	131.22127AH	
	1 1/2" NPTF	131.21127BH	131.22127BH	



FEMALE				
DN	CH2	C	ØD	L
04	19	39,85	20	68,25
6.3	27	48	28	85,50
10	30	64,50	32	116,50
12.5	41	80,50	38	134,50
16	41	78	42	132
19	46	92,50	48	154
25	55	105	55	173
30	65	132,50	80	215
45	80	165	100	

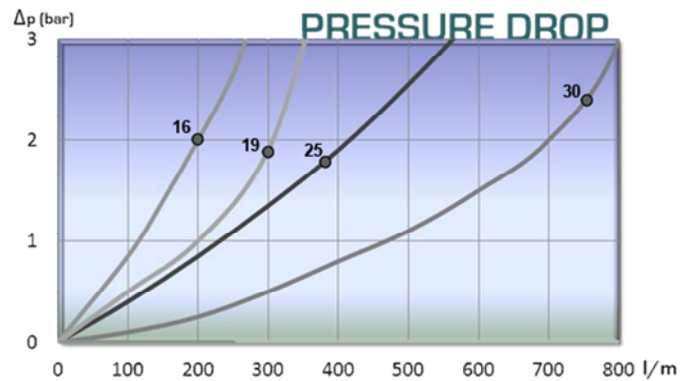
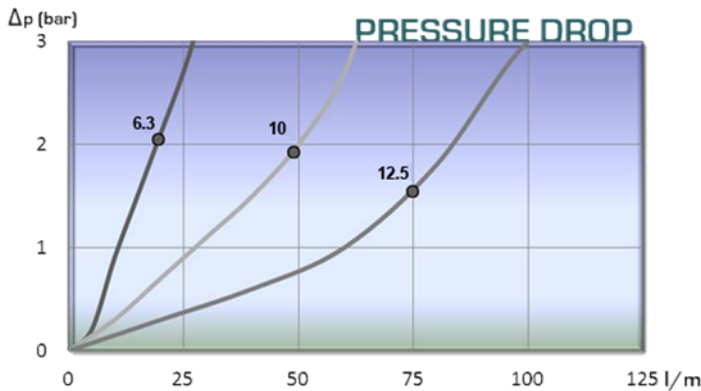


# 131 SERIES CPR



TECHNICAL DATA		Carbon Steel			
DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
04	5 l/m	1450	1400	1400	350 Bar
6.3	12 l/m	1450	1400	1400	350 Bar
10	23 l/m	1020	1100	1000	250 Bar
12.5	45 l/m	1000	980	1000	250 Bar
16	74 l/m	950	970	1000	250 Bar
19	100 l/m	950	940	1000	250 Bar
25	189 l/m	930	900	1000	250 Bar
30	225 l/m	890	890	1000	250 Bar
40	288 l/m	700	800	800	250 Bar

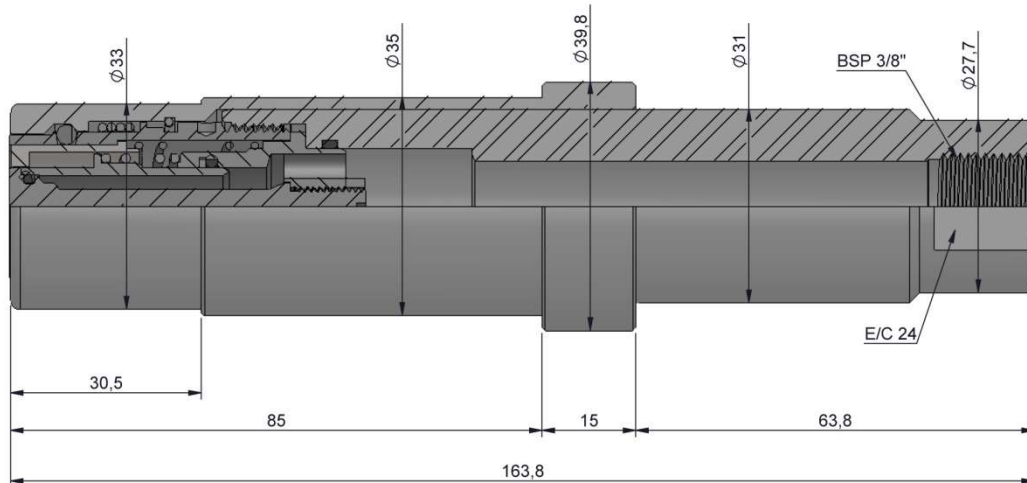
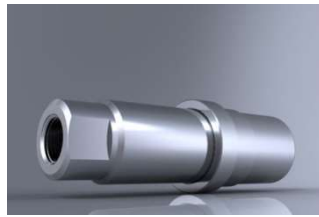
TECHNICAL DATA		Stainless Steel			
DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
04	5 l/m	1450	1400	1400	350 Bar
6.3	12 l/m	1450	1400	1400	350 Bar
10	23 l/m	1020	1100	1000	250 Bar
12.5	45 l/m	1000	980	1000	250 Bar
16	74 l/m	950	970	1000	250 Bar
19	100 l/m	950	940	1000	250 Bar
25	189 l/m	930	900	1000	250 Bar
30	225 l/m	930	890	1000	250 Bar
40	288 l/m	700	800	800	200 Bar








# 131 SERIES CPR



STANDARD MODEL CARBON STEEL						
DN	ØA	REF.		E/C	ØD	L
10	3/8" BSP	131SB.12112AC	350	24	33	164

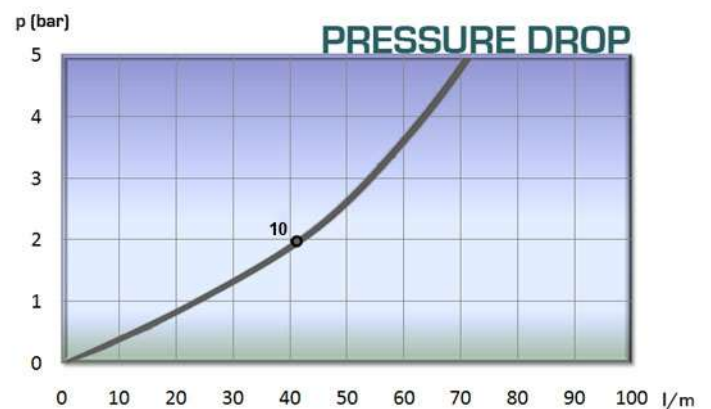
TECHNICAL DATA					
DN	Nominal Flow	Min. Burst Pressure			Max. Working Pressure
		Male	Female	Coupled	
10	45 l/m	1300	1200	1400	350 bar

## Designation

DN-10 FLAT FACE FEMALE 3/8" high pressure to lift trash containers

## Features:

- ✓ Developed for use in working with high frequency pulsating pressure and water hammer.
- ✓ Pressure: 350 bar.
- ✓ Connectable with a residual mean pressure.
- ✓ Nickel plated outer body chemical, very corrosion resistant to ensure durability under the most extreme
- ✓ Ergonomically shaped for easy connection and disconnection.
- ✓ Compact flat face that eliminates leaks and contamination of the circuit.
- ✓ Manufactured under ISO 16028.





# 131 SERIES

## CPR CAPS



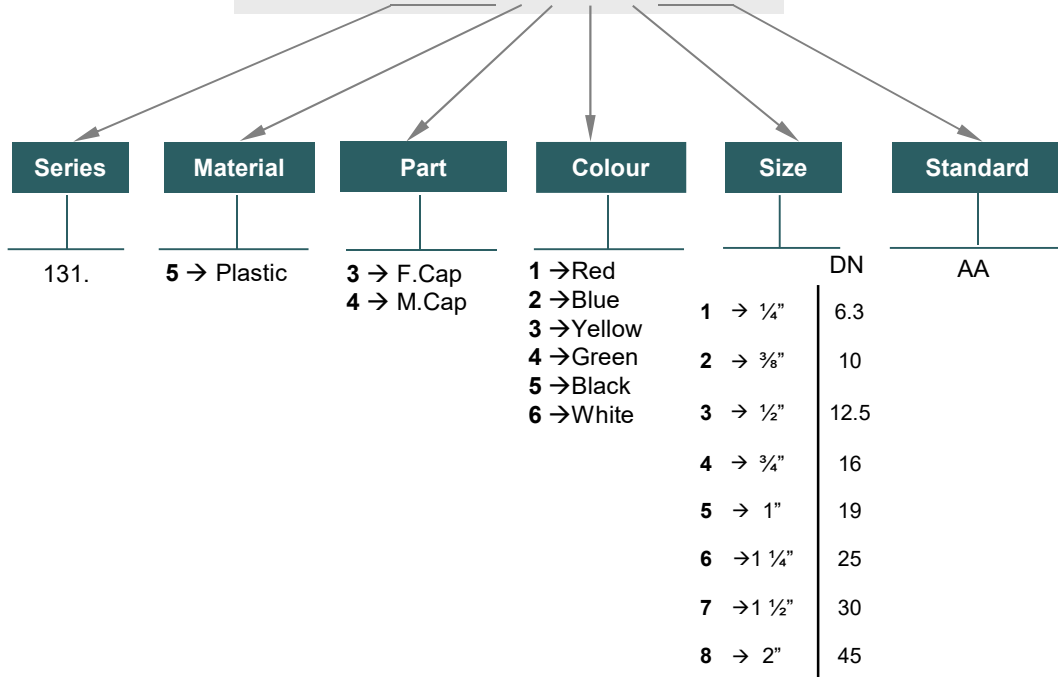
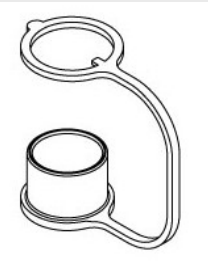
CPR SERIES CAPS have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.  
Manufactured according to ISO 16028 norm.

### MODEL STRUCTURE

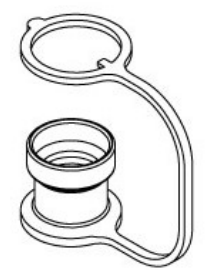
For caps

Example:

## 131.5313 AA

FEMALE CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6.3	131.5311AA	*	*	*	*	*
10	131.5312AA	*	*	*	*	*
12.5	131.5313AA	*	*	*	*	*
16	131.5314AA	*	*	*	*	*
19	131.5315AA	*	*	*	*	*



MALE CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6.3	131.5411AA	*	*	*	*	*
10	131.5412AA	*	*	*	*	*
12.5	131.5413AA	*	*	*	*	*
16	131.5414AA	*	*	*	*	*
19	131.5415AA	*	*	*	*	*

\* Available upon request

\* Use 131 instead of 130 in reference to ask for CPR Caps

## 131-10

