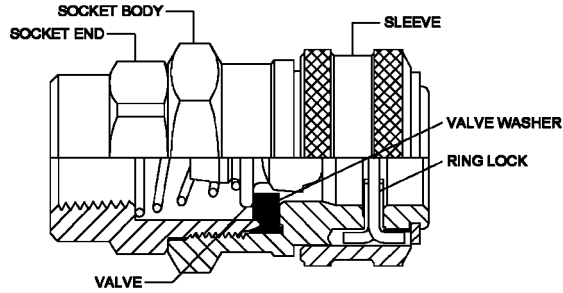




# Series 2RL & 3RL



**Ring-Lock Quick-Connect Couplings** have a unique interchange which Hansen designed for use with compressed air. Body sizes are 1/4" and 3/8".

### Features

- High flow capacity
  - 2RL flow equals that of most 3/8" couplings
  - 3RL flow equals that of most 1/2" couplings
- Ring lock
- Push to connect
- Will not disconnect when hose is dragged on the ground
- Rotate locking sleeve approximately 20° to disconnect
- Optional seal materials available

### Standard Materials

- Socket
  - Zinc Plated Steel Body
  - Brass Socket End
  - Nickel Plated Steel Sleeve
  - Zinc Plated Steel Valve
  - Buna-N (Nitrile) Seal
  - Stainless Steel Spring
  - Zinc Plated Steel Locking Ring
- Plug
  - Zinc Plated Case-Hardened Steel

### Accessories

- Dust caps and dust plugs (See page 66)

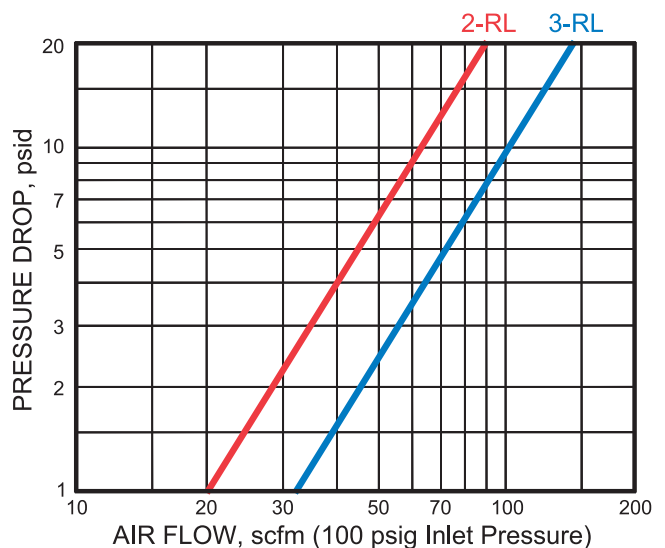
### Rated Pressure

Series	Size	PSI	BAR
2-RL	1/4"	300	20
3-RL	3/8"	300	20

### Flow Capacity

Series	‡Ac
2-RL	48
3-RL	80

‡ Air flow (scfm) with 5 psi pressure drop and 100 psig inlet pressure





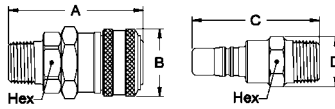
# Series 3RL 3/8" Nominal

## SOCKETS

## PLUGS

Part No.	Thread Size	Dimensions		
		A	B	HEX
3-R15	1/4-18 NPTF	2.34	1.31	1.00
3-R20	3/8-18 NPTF	2.35	1.31	1.00
3-R25	1/2-14 NPTF	2.54	1.31	1.00
3-R30	3/4-14 NPTF	2.54	1.31	1.06

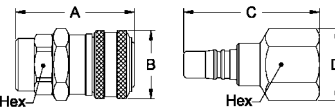
### Male End Connections



Part No.	Thread Size	Dimensions		
		C	D	HEX
3-L10	1/8-27 NPTF	1.54	0.72	0.63
3-L15	1/4-18 NPTF	1.70	0.72	0.63
3-L15G†	1/4-18 NPTF	2.64	0.98	0.88
3-L20	3/8-18 NPTF	1.76	0.79	0.69
3-L20G†	3/8-18 NPTF	2.64	0.98	0.88
3-L25	1/2-14 NPTF	2.31	1.01	0.88
3-L25G†	1/2-14 NPTF	2.83	0.98	0.88
3-L30	3/4-14 NPTF	2.38	1.23	1.06
3-L30G†	3/4-14 NPTF	2.88	1.19	1.06

Part No.	Thread Size	Dimensions		
		A	B	HEX
3-R16	1/4-18 NPTF	2.29	1.31	1.00
3-R21	3/8-18 NPTF	2.35	1.31	1.00
3-R26	1/2-14 NPTF	2.63	1.31	1.00
3-R31A	3/4-14 NPTF	2.66	1.31	1.19

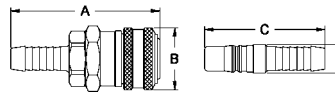
### Female End Connections



Part No.	Thread Size	Dimensions		
		C	D	HEX
3-L16	1/4-18 NPTF	1.48	0.79	0.69
3-L16G†	1/4-18 NPTF	2.39	0.98	0.88
3-L21	3/8-18 NPTF	1.63	0.94	0.81
3-L21G†	3/8-18 NPTF	2.64	0.98	0.88
3-L26	1/2-14 NPTF	2.25	1.15	1.00
3-L26G†	1/2-14 NPTF	2.91	0.98	0.88
3-L31	3/4-14 NPTF	2.25	1.37	1.19

Part No.	Hose I.D.	Dimensions	
		A	B
3-R17	1/4"	2.82	1.31
3-R195	5/16"	2.85	1.31
3-R22	3/8"	2.89	1.31
3-R27	1/2"	2.81	1.31
3-R32	3/4"	3.66	1.31

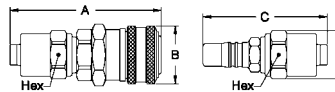
### Hose Stem End Connections



Part No.	Hose I.D.	Dimensions	
		C	D
3-L17	1/4"	2.16	0.63
3-L195	5/16"	2.16	0.63
3-L195G†	5/16"	3.11	0.98
3-L22	3/8"	2.16	0.75
3-L22G†	3/8"	3.11	0.98
3-L27	1/2"	2.16	0.81
3-L27G†	1/2"	3.11	0.98
3-L32	3/4"	3.13	1.00
3-L32G†	3/4"	3.96	0.98

Part No.	Hose		Dimensions		
	I.D.	O.D.	A	B	HEX
3-R23D5	3/8"	9/16"	3.06	1.31	0.69
3-R23D7	3/8"	5/8"	3.06	1.31	0.75
3-R23D9	3/8"	11/16"	3.06	1.31	0.81
3-R23D11	3/8"	3/4"	3.06	1.31	0.88
3-R23D13	3/8"	13/16"	3.06	1.31	0.94
3-R23D15	3/8"	7/8"	3.06	1.31	1.00
3-R28P13	1/2"	13/16"	3.66	1.31	0.94
3-R28P15	1/2"	7/8"	3.66	1.31	1.00
3-R28P17	1/2"	15/16"	3.66	1.31	1.06
3-R28P19	1/2"	1"	3.66	1.31	1.13
3-R33R23	3/4"	1-1/8"	3.79	1.31	1.25
3-R33R25	3/4"	1-3/16"	3.79	1.31	1.31
3-R33R27	3/4"	1-1/4"	3.79	1.31	1.38

### Hose Clamp End Connections



Part No.	Hose		Dimensions		
	I.D.	O.D.	C	D	HEX
3-L23D5	3/8"	9/16"	2.45	0.77	0.69
3-L23D7	3/8"	5/8"	2.45	0.84	0.75
3-L23D9	3/8"	11/16"	2.45	0.91	0.81
3-L23D11	3/8"	3/4"	2.45	0.98	0.88
3-L23D13	3/8"	13/16"	2.45	1.05	0.94
3-L23D15	3/8"	7/8"	2.45	1.12	1.00
3-L28P13	1/2"	13/16"	3.14	1.05	0.94
3-L28P15	1/2"	7/8"	3.14	1.12	1.00
3-L28P17	1/2"	15/16"	3.14	1.19	1.06
3-L28P19	1/2"	1"	3.14	1.26	1.13
3-L33R23	3/4"	1-1/8"	3.56	1.40	1.25
3-L33R25	3/4"	1-3/16"	3.56	1.47	1.31
3-L33R27	3/4"	1-1/4"	3.56	1.54	1.38

†With Bleeder Ball Check – Reduces hose whip when disconnecting.

### How to build a socket part number with options:

- Notes:
- 1) Some part numbers may be subject to minimum order quantities.
  - 2) Options not shown may be available by special quotation. Consult your Hansen distributor.

### Example: 3-R21 - 143

Standard Part Number  
from Socket Tables Above

Seal Material:  
143 = Viton

All dimensions in inches.