

H15000 Series

ISO 7241-1 A Interchange

Fluid transfer & Hydraulic application

The H15000 Series is a general purpose industrial interchange coupling that meets the ISO 7241-1 Series A standard. The H15000 Series features a rugged ball latch mechanism with self-sealing poppet valves.



Product Features

- Meets the requirements of ISO 7241-1 Series A
- Designed and manufactured under Article 4.3 of the European Pressure Equipment Directive 2014/68/EU.
- ½" size available in push-pull version (double acting sleeve, bulkhead-mounted)
- Double shut off valves with ball locking
- Standard body material: Zinc trivalent plated steel
- Standard seal material: Buna-N

Physical Characteristics

ISO Size	Coupling Size	Nominal Flow Diameter	Max. Operating Pressure		Rated Flow**		Fluid Loss ml max
	(in)		(mm)	(bar)	(psi)	(lpm)	
6.3	¼	5.3	315	4,565	10	2.6	0.35
10	⅜	7.3	315	4,565	20	5.3	1.5
12.5	½	10.2	250	3,625	40	10.6	2.6
20	¾	13	250	3,625	75	19.8	8.5
25	1	16.9	200	2,900	140	37	13

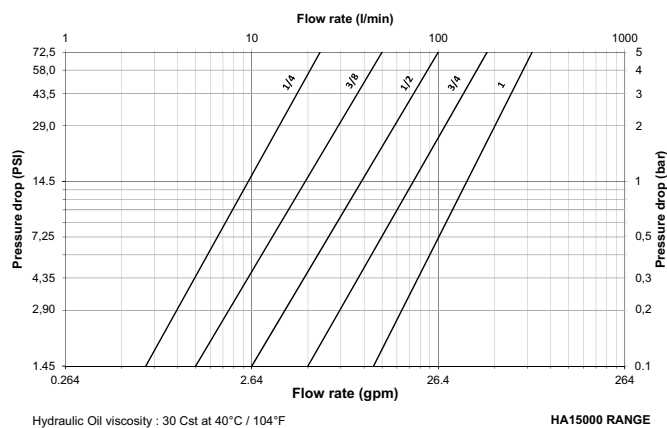
*The ISO size corresponds to the internal diameter of the hose or the external diameter of the rigid tube (as defined in ISO 4397 Standard).

**Indicated values refer to a 1 bar/14.5 psi pressure drop.

Applications & Markets

- Hydraulic Circuits and Equipment
- Hydraulic Fluids
- Agriculture

Flow Data



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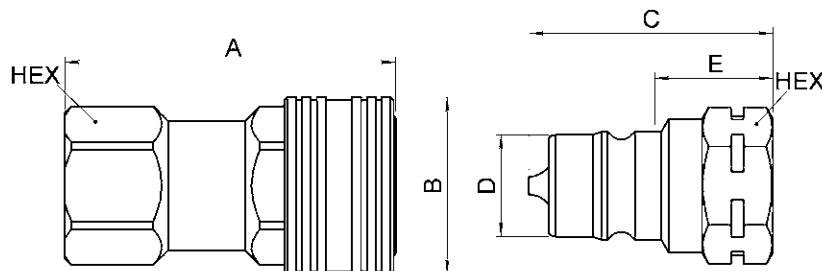


Figure 1

Figure 2

Part Number	Nominal Flow Diameter	ISO	Size	Coupling Type	Thread Size	Fig.	Dimensions			
							A	B	Hex	Weight
	(mm)	(mm)	(in)				(mm)	(mm)	(mm)	(g)
HA1501100	5.3	6.3	¼	Socket/Female	G ¼	1	48	25	19	94
HA1521100	5.3	6.3	¼	Socket/Female	¼ NPT	1	48	25	19	94
HA1502100	7.3	10	⅜	Socket/Female	G ⅜	1	56	30	23	139
HA1522100	7.3	10	⅜	Socket/Female	⅜ NPT	1	56	30	23	139
HA1503100	10.2	12.5	½	Socket/Female	G ½	1	67	38	27	238
HA1503600	10.2	12.5	½	Socket/Female	G ½ push-pull	1	67	38	27	238
HA1523100	10.2	12.5	½	Socket/Female	½ NPT	1	67	38	27	238
HA1504100	13	20	¾	Socket/Female	G ¾	1	83	48	35	484
HA1524100	13	20	¾	Socket/Female	¾ NPT	1	83	48	35	484
HA1505100	16.9	25	1	Socket/Female	G 1	1	98	53	41	670
HA1525100	16.9	25	1	Socket/Female	1 NPT	1	98	53	41	670

Part Number	Nominal Flow Diameter	ISO	Size	Coupling Type	Thread Size	Fig.	Dimensions				
							C	D	E	Hex	Weight
	(mm)	(mm)	(in)				(mm)	(mm)	(mm)	(mm)	(g)
HA1501200	5.3	6.3	¼	Plug/Male	G ¼	2	36	11.8	20	19	36
HA1521200	5.3	6.3	¼	Plug/Male	¼ NPT	2	36	11.8	20	19	36
HA1502200	7.3	10	⅜	Plug/Male	G ⅜	2	41.5	17.3	20	23	62
HA1522200	7.3	10	⅜	Plug/Male	⅜ NPT	2	41.5	17.3	20	23	62
HA1503200	10.2	12.5	½	Plug/Male	G ½	2	49	20.5	24	27	88
HA1523200	10.2	12.5	½	Plug/Male	½ NPT	2	49	20.5	24	27	88
HA1504200	13	20	¾	Plug/Male	G ¾	2	61.5	29.1	23	35	194
HA1524200	13	20	¾	Plug/Male	¾ NPT	2	61.5	29.1	27	35	194
HA1505200	16.9	25	1	Plug/Male	G 1	2	71.5	34.3	30	41	306
HA1525200	16.9	25	1	Plug/Male	1 NPT	2	71.5	34.3	30	41	306

To obtain connected length of coupling, add dimensions A (Fig. 1) and E (Fig. 2) together.

Dust Caps and Dust Plugs

Series	Dust Plug	Dust Cap
6.3	HP1511100	HP1511200
10	HP1512100	HP1512200
12.5	HP1513100	HP1513200
20	HP1514100	HP1514200
25	HP1515100	HP1515200



Seal Kit for Servicing Sockets (Female)

Body size	Seal & Back-up Ring Kit*	Qty
(in)	NBR seals & PTFE back-up rings	
1/4	HG 15011 00	50 O-rings + 50 Backup rings
3/8	HG 15021 00	50 O-rings + 50 Backup rings
1/2	HG 05031 00	50 O-rings + 50 Backup rings
3/4	HG 15041 00	50 O-rings + 50 Backup rings
1	HG 15051 00	50 O-rings + 50 Backup rings

*The valve seal is not included in our repair kits