

AP10-H Series Overview

Description

Cosmau AP10-H series multiple passage rotary unions with 10 channel for media transfer, design for oil, water and coolant in rotating system.

- Transmit hydraulic oil, water and coolant when 360°unrestricted rotation
- Combined with electrical slip ring,transfer power,control signal, data
- Through hole or flange structure optional
- Available all kinds of custom solutions



Specifications

Item	
Pneumatic Channel	10
Pressure	Max. 350bar
Connection Szie	1/8" 1/4", 3/8", 1/2", 3/4", 1"
Connection Type	BSPB
Operating Temperature	-18° C to 150° C
Suitable Media	Oil / Water / Coolant
Speed	Max. 200 RPM
Material	AL alloy housing, Carbon Steel / Stainless Steel Shaft

Note: All values listed under Technical Specifications are dependent on a combination of all application parameters. Please note service life is dependent upon both rotational speed and duty cycle.

Options

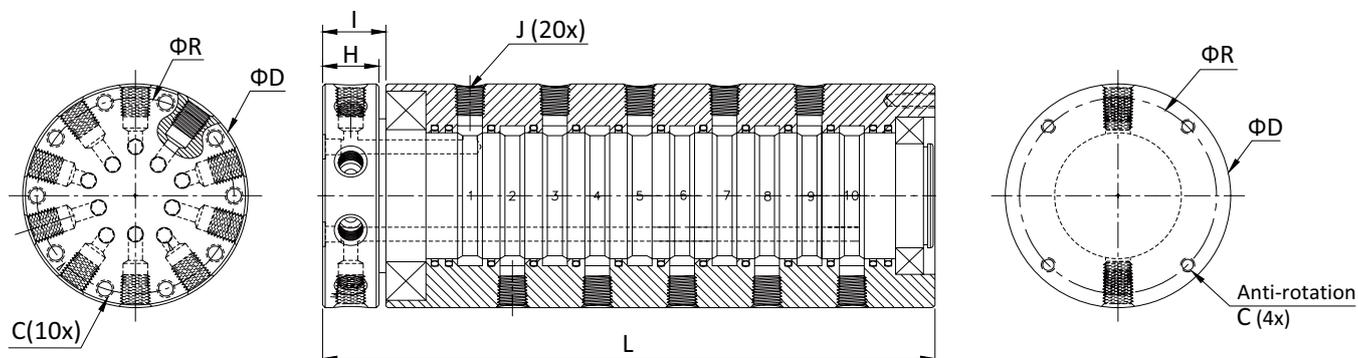
- Mounting Flange / Through Hole
- Connection Size
- Connection Type
- Material
- Pressure
- Media
- Optional Speed
- Combine with electrical slip ring

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AP10-H Series Dimensions



Part#	J(BSPP/NPT)	ΦR	C	ΦD	H	I	L
AP-1001-H	1/8"	69	M6	79.5	22.5	23	243.8
AP-1002-H	1/4"	74	M6	84	26.5	27	270.3
AP-1003-H	3/8"	84	M6	94.5	30.5	31	330.2
AP-1004-H	1/2"	102	M8	114.5	34.5	35	375.5
AP-1005-H	3/4"	127	M8	139.5	42.5	43	428.8
AP-1006-H	1"	149.5	M10	164.5	56.5	57	526.8