

- Slow and fast rotating models
- Pressure and vacuum models
- For use with a variety of fluids



Technical Data

Medium:

Slow rotating models – compressed air or oil but not water

Fast rotating models – compressed air*

*Consult our Technical Service for use with any medium other than compressed air

Size:

	50 r.p.m.	2,000 r.p.m.
1/8 BSP	04 0174 00	
1/4 BSP	04 0175 00	04 0161 00
1/4 BSP		04 0162 00*
3/8 BSP	04 0176 00	
* For Vacuum		

Operating Pressure:

Vacuum (-740 mm Hg) – 7 bar according to model

See details on page 9.10.001.02 in general information table

Operating Temperature:

-10°C* to 70°C

*Consult our Technical Service for use below +2°C

Maximum Speed:

50 r.p.m. – slow rotating model

2,000 r.p.m. – fast rotating model

Materials

Slow rotating model - Brass to BS2872:1969 (CZ122) body, plated mild steel to BS970 Part 1:1972 (220 MO7 (EN1A)) spindle, Viton rubber seals.

Fast rotating model - Brass to BS2872:1969 (CZ122) body, stainless steel to BS970 Part 4:1970 (416 SZ1 (EN56AM)) spindle, nitrile rubber seals.

Ordering Information

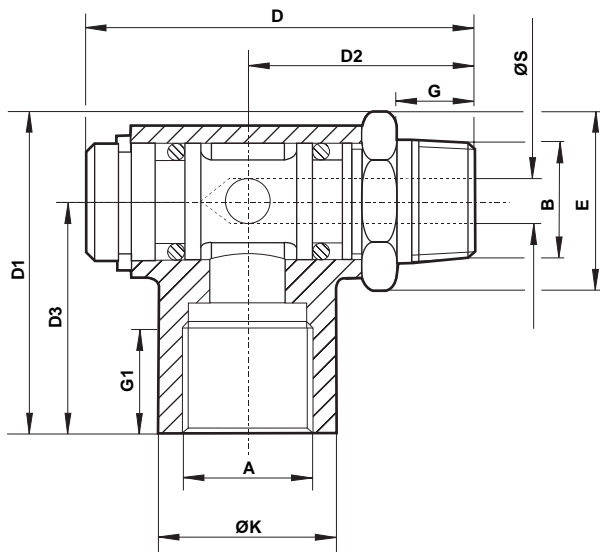
To order, quote appropriate product number from the tables on the following pages.



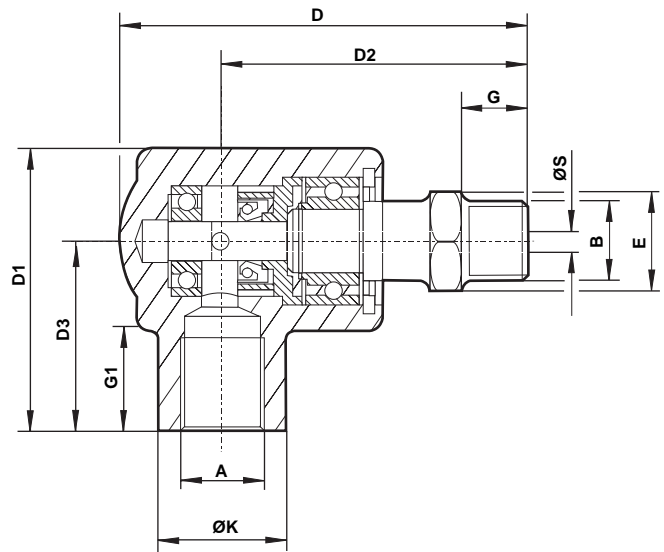
General Information

Product number	Max Speed r.p.m.	Suitable for	Pressure range	Male thread BSPT	Female thread BSPP	Weight kg
04 0174 00	50	Pressure	0 - 7 bar	1/8"	1/8"	0,035
04 0175 00	50	Pressure	0 - 7 bar	1/4"	1/4"	0,090
04 0176 00	50	Pressure	0 - 7 bar	3/8"	3/8"	0,070
04 0161 00	2,000	Pressure	0 - 7 bar	1/4"	1/4"	0,210
04 0162 00	2,000	Vacuum	-740mm Hg-0	1/4"	1/4"	0,210

Slow Rotating Joint



Fast Rotating Joint



Product number	A thread BSPP	B thread BSPT	D	D1	D2	D3	E A/F	G	G1	ØK	ØS
04 0174 00	1/8"	1/8"	37,0	25,5	24,0	17,75	13,0	9,0	9,2	12,7	2,8
04 0175 00	1/4"	1/4"	46,0	33,0	29,5	22,75	17,0	11,0	13,5	17,5	5,5
04 0176 00	3/8"	3/8"	56,3	42,7	38,5	29,75	22,0	12,7	15,5	23,8	9,5
04 0161 00	1/4"	1/4"	69,5	41,3	50,4	27,0	15,0	11,0	14	20,8	6,5
04 0162 00	1/4"	1/4"	69,5	41,3	50,4	27,0	15,0	11,0	14	20,8	6,5

Note: Should not be subjected to side or end loads.

Vacuum mode is identified by 'v' marked on body.

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical Data'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult Norgren.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products where applicable.