



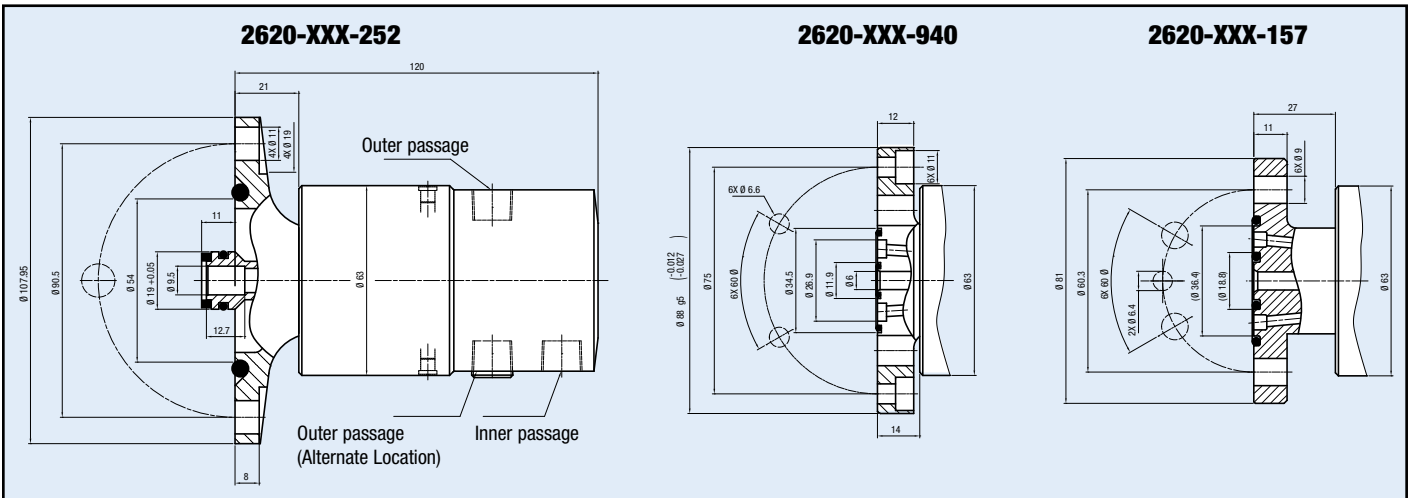
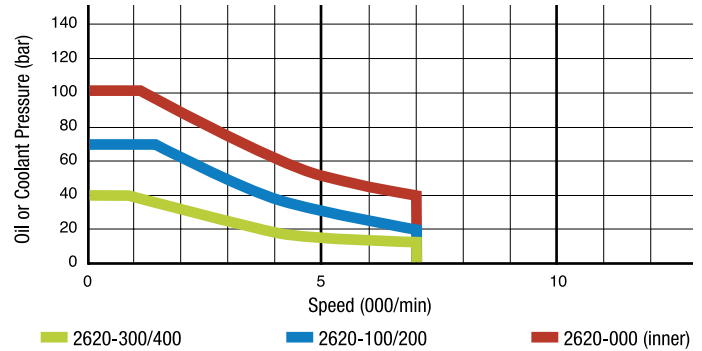
# DEUBLIN

## 2620 Series 2-Passage Rotating Unions for Various Media

- Two independent passages for applications such as clamping and unclamping
- Balanced mechanical seals for each passage provide long life and reduced torque even at maximum pressure
- Closed seals provide continuous containment of media
- Dual precision ball bearings for smooth operation
- Labyrinth protection for ball bearings
- Mountings options are compatible with DEUBLIN 2520 or 1579 series unions

### Operating Data

Media	See table	
Filtration	ISO 4406 Class 17/15/12, max. 60 micron	
Maximum Speed	7,000 min <sup>-1</sup> 7,000 rpm	
Maximum Pressure	See table	
Maximum Flow	69 l/min	18.2 gpm (per passage)
Maximum Temperature	71°C	160°F



With Ø 108 mm flanged rotor		With Ø 88 mm flanged rotor		With Ø 81 mm flanged rotor		Inner Passage		Outer Passage		Notes
Ordering Number	Supply Connections	Ordering Number	Supply Connections	Ordering Number	Supply Connections	Media	Max. Pressure [bar]	Media	Max. Pressure [bar]	
	Inner and outer Passage		Inner Passage Outer Passage		Inner and outer Passage					
2620-000-252	1/4 NPT	2620-002-940	G 1/4" G 1/4"	2620-000-157	1/4 NPT	Hydraulic Oil	100	Hydraulic Oil	30	
2620-100-252	1/4 NPT	2620-102-940	G 3/8" G 1/8"	2620-100-157	1/4 NPT	Hydraulic Oil	70	Compressed Air	6	Compressed air seals may be lubricated through oil cup or by using oiled compressed air.
2620-120-252	1/4 NPT	2620-122-940	G 3/8" G 1/8"	2620-120-157	1/4 NPT	Hydraulic Oil	70	Compressed Air	10	
2620-200-252	1/4 NPT	2620-202-940	G 3/8" G 1/8"	2620-200-157	1/4 NPT	Coolant	70	Compressed Air	6	
2620-220-252	1/4 NPT	2620-222-940	G 3/8" G 1/8"	2620-220-157	1/4 NPT	Coolant	70	Compressed Air	10	
2620-300-252	1/4 NPT	2620-302-940	G 1/4" G 1/4"	2620-300-157	1/4 NPT	Compressed Air	6	Hydraulic Oil	40	Compressed air seals require no external lubrication.
2620-320-252	1/4 NPT	2620-322-940	G 1/4" G 1/4"	2620-320-157	1/4 NPT	Compressed Air	10	Hydraulic Oil	40	
2620-400-252	1/4 NPT	2620-402-940	G 1/4" G 1/4"	2620-400-157	1/4 NPT	Compressed Air	6	Coolant	40	
2620-420-252	1/4 NPT	2620-422-940	G 1/4" G 1/4"	2620-420-157	1/4 NPT	Compressed Air	10	Coolant	40	
2620-500-252*	1/4 NPT	2620-502-940*	G 3/8" G 1/8"	2620-500-157	1/4 NPT	Compressed Air	6	Compressed Air	6	Consult DEUBLIN regarding maximum speed.
2620-520-252	1/4 NPT	2620-522-940	G 3/8" G 1/8"	2620-520-157	1/4 NPT	Compressed Air	10	Compressed Air	10	

\* Inner passage allowed for operation with hydraulic 70 bar and coolant 70 bar.

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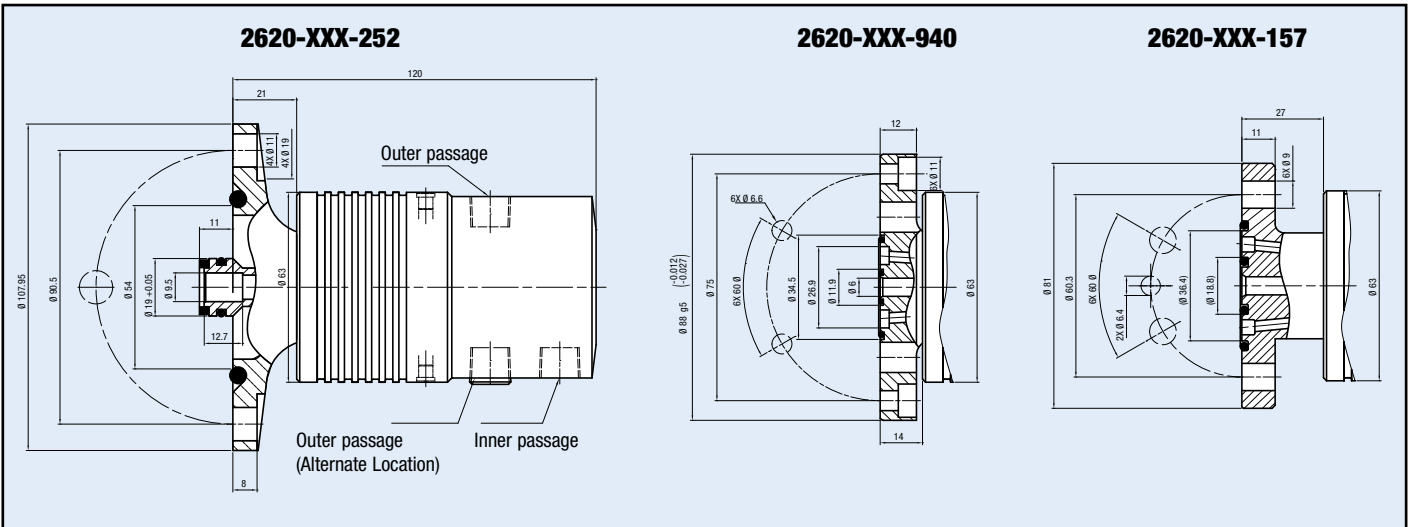
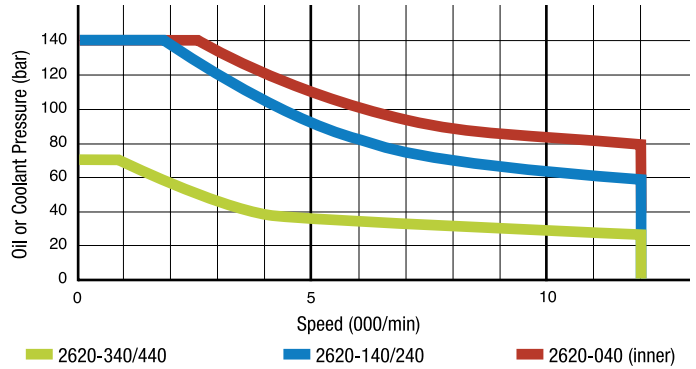
## 2620 Series 2-Passage Rotating Unions for Various Media

- Two independent passages for applications such as clamping and unclamping, work piece sensing, and cooling
- Balanced mechanical seals for each passage provide long life and reduced torque even at maximum pressure
- Closed seals provide continuous containment of media
- Dual precision ball bearings for smooth operation
- Labyrinth protection for ball bearings
- Mountings options are compatible with DEUBLIN 2520 or 1579 series unions



### Operating Data

Media	See table	
Filtration	ISO 4406 Class 17/15/12, max. 60 micron	
Maximum Speed	12,000 min <sup>-1</sup> 12,000 rpm	
Maximum Pressure	See table	
Maximum Flow	69 l/min	18.2 gpm (per passage)
Maximum Temperature	71°C	160°F



With Ø 108 mm flanged rotor		With Ø 88 mm flanged rotor		With Ø 81 mm flanged rotor		Inner Passage		Outer Passage		Notes
Ordering Number	Supply Connections	Ordering Number	Supply Connections	Ordering Number	Supply Connections	Media	Max. Pressure [bar]	Media	Max. Pressure [bar]	
	Inner and outer Passage		Inner Passage		Outer Passage					Inner and outer Passage
2620-040-252	1/4 NPT	2620-042-940	G 1/4" G 1/4"	2620-040-157	1/4 NPT	Hydraulic Oil	140	Hydraulic Oil	70	
2620-140-252	1/4 NPT	2620-142-940	G 3/8" G 1/8"	2620-140-157	1/4 NPT	Hydraulic Oil	140	Compressed Air	6	Compressed air seals may be lubricated through oil cup or by using oiled compressed air.
2620-160-252	1/4 NPT	2620-162-940	G 3/8" G 1/8"	2620-160-157	1/4 NPT	Hydraulic Oil	140	Compressed Air	10	
2620-240-252	1/4 NPT	2620-242-940	G 3/8" G 1/8"	2620-240-157	1/4 NPT	Coolant	140	Compressed Air	6	
2620-260-252	1/4 NPT	2620-262-940	G 3/8" G 1/8"	2620-260-157	1/4 NPT	Coolant	140	Compressed Air	10	
2620-340-252	1/4 NPT	2620-342-940	G 1/4" G 1/4"	2620-340-157	1/4 NPT	Compressed Air	6	Hydraulic Oil	70	Compressed air seals require no external lubrication.
2620-360-252	1/4 NPT	2620-362-940	G 1/4" G 1/4"	2620-360-157	1/4 NPT	Compressed Air	10	Hydraulic Oil	70	
2620-440-252	1/4 NPT	2620-442-940	G 1/4" G 1/4"	2620-440-157	1/4 NPT	Compressed Air	6	Coolant	70	
2620-460-252	1/4 NPT	2620-462-940	G 1/4" G 1/4"	2620-460-157	1/4 NPT	Compressed Air	10	Coolant	70	

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