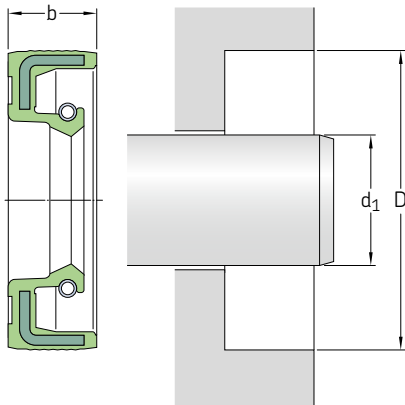


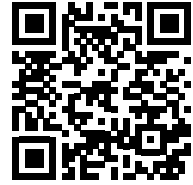
d<sub>1</sub> 70–250 mm



<sup>1)</sup> Designation to be followed by the design and material codes, indicating one of the four variants available for each dimension:

**HMS5 RG** without auxiliary lip, nitrile rubber  
**HMS5 V** without auxiliary lip, fluoro rubber  
**HMSA10 RG** with auxiliary lip, nitrile rubber  
**HMSA10 V** with auxiliary lip, fluoro rubber  
 Example: **6×16×5 HMSA10 RG**

<sup>2)</sup> Design execution differs from the basic design and is indicated by a number, see also **page 102**.



Please see **pages 85 and 86** for housing bore requirements.

Dimensions				ISO / DIN	Dimensions				ISO / DIN
Shaft	Bore	Nominal seal width	Designation <sup>1)</sup>		Shaft	Bore	Nominal seal width	Designation <sup>1)</sup>	
d <sub>1</sub>	D	b			d <sub>1</sub>	D	b		
mm				–	mm				–
<b>70</b> cont.	90	7	<b>70×90×72)</b>	•	<b>80</b> cont.	105	10	<b>80×105×10</b>	•
	90	10	<b>70×90×10</b>			110	10	<b>80×110×10</b>	
	90	12	<b>70×90×12</b>			110	12	<b>80×110×12</b>	
	92	12	<b>70×92×12</b>			115	12	<b>80×115×12</b>	
	95	10	<b>70×95×10</b>			125	12	<b>80×125×12</b>	
	100	10	<b>70×100×10</b>			170	13	<b>80×170×13</b>	
	110	10	<b>70×110×10</b>			<b>82</b>	120	12	
110	12	<b>70×110×12</b>	160	15	<b>82×160×15</b>				
<b>72</b>	90	10	<b>72×90×10</b>	<b>85</b>	100	9	<b>85×100×9</b>	•	
	95	10	<b>72×95×10</b>		100	10	<b>85×100×10</b>		
	95	12	<b>72×95×12</b>		105	12	<b>85×105×12</b>		
	100	10	<b>72×100×10</b>		110	12	<b>85×110×12</b>		
<b>75</b>	140	12	<b>72×140×12</b>	115	12	<b>85×115×12</b>	•		
	90	10	<b>75×90×10</b>	120	12	<b>85×120×12</b>			
		12	<b>75×90×12</b>	130	12	<b>85×130×12</b>			
	95	10	<b>75×95×10</b>	•	140	12		<b>85×140×12</b>	
	95	12	<b>75×95×12</b>		150	12		<b>85×150×12</b>	
	100	10	<b>75×100×10</b>	<b>90</b>	110	10		<b>90×110×10</b>	
	100	12	<b>75×100×12</b>		110	12		<b>90×110×12</b>	
	105	10	<b>75×105×10</b>		115	12		<b>90×115×12</b>	
110	12	<b>75×110×12</b>	120		12	<b>90×120×12</b>			
120	12	<b>75×120×12</b>	•	120	12	<b>90×120×12</b>			
130	12	<b>75×130×12</b>		115	12	<b>95×110×12</b>			
<b>78</b>	100	10	<b>78×100×10</b>	•	110	12	<b>95×110×12</b>		
	100	12	<b>78×100×12</b>		120	12	<b>95×120×12</b>		
<b>80</b>	95	10	<b>80×95×10</b>	•	115	12	<b>95×115×12</b>		
	100	10	<b>80×100×10</b>		120	12	<b>95×120×12</b>		
	100	12	<b>80×100×12</b>						