

## HSK-K-Ex-Active



Cable gland made of polyamide  
for hazardous areas **according to the latest standards**





## HSK-K-Ex-Active

### Advantages at a glance:



- + Halogen-free
- + Protection IP 68 – 10 bar according to DIN EN 60529
- + Vibration-protected dome nut
- + Wide clamping range
- + Applicable up to +85°C (185°F)
- + Abrasion resistant marking
- + O-Ring as standard
- + Applicable in zone 1 and zone 20
- + No additional mechanical protection of the gland necessary

## HSK-K-Ex-Active

### Overlapping clamping splines

avoid tearing out the gland seal and ensure an extremely high integrated strain-relief

### Form seal

for reliable sealing at protection class IP 68 up to 10 bar

### HUMMEL acme screw thread

for dependable transmission of force between dome nut and gland body

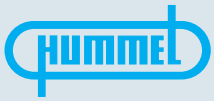
### Molded O-Ring groove

results in a reliable tightening between gland body and installation

### Smooth internal shape

for easy assembling and ideal protection of the cable sheath





## HSK-K-Ex-Active

The HSK-K-Ex-Active has been developed to meet the stringent requirements of EN 60079-0:2012. The cable gland, made of special formulated fibreglass reinforced polyamide, combines all features of the established HSK-K-Ex series and the latest approvals according to ATEX and IECEx.

The HSK-K-Ex-Active has been designed for applications in electrical equipment, which require types of protection Ex e and Ex t according to the latest standards EN 60079-0, 60079-7 and 60079-31.

- Zones 1, 2, 20, 21, 22
- Sizes: M 12 – M 63,  
NPT 3/8" – NPT 1 1/2"
- Temperature Range: -20°C – 85°C (-4°F – 185°F)
- EC-Type Examination Certificate:  
BVS 14 ATEX E 025 X
- IECEx Certificate of Conformity:  
IECEx BVS 14.0020X
- Marking:  
II 2G Ex eb IIC Gb  
II 1D Ex ta IIIC Da
- According to the latest EN Standards:  
EN 60079-0:2012      IEC 60079-0:2011  
EN 60079-7:2007      IEC 60079-7:2015  
EN 60079-31:2014    IEC 60079-31:2013  
EN 60529



Find assembly instructions and certificates at  
[www.hummel.com](http://www.hummel.com)

## HSK-K-Ex-Active

Metr., NPT



**Material** Fibreglass reinforced polyamide

**Seal** NBR

**Protection** IP 68 – 10 bar within the specified clamping range

**Operating Temperature** -20 °C – 85 °C (-4 °F – 185 °F)

**Colors** black or blue-black

**O-Ring** NBR

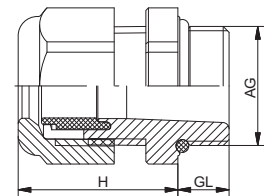
**Note:**  
- FKM and VMQ O-Ring upon request

**ATEX** II 2G Ex eb IIC Gb  
II 1D Ex ta IIIC Da

**US** Class I Div 2 Groups A, B, C, D  
Class II Div 1 Groups E, F, G

**CE**

**RoHS**



AG	$\varnothing$ mm	$\varnothing$ mm	H mm	GL mm	Item Number black	Item Number blue-black	GL mm	Item Number elongated black	Item Number elongated blue-black
M 12 x 1,5	3 – 6,5	15	21	8	1.292.1201.50	1.292.1202.50	15	1.292.1201.30	1.292.1202.30
M 12 x 1,5	2 – 5	15	21	8	1.292.1201.51	1.292.1202.51	15	1.292.1201.31	1.292.1202.31
M 16 x 1,5	4 – 8	19	22	8	1.292.1601.50	1.292.1602.50	15	1.292.1601.30	1.292.1602.30
M 16 x 1,5	3 – 6	19	22	8	1.292.1601.51	1.292.1602.51	15	1.292.1601.31	1.292.1602.31
M 16 x 1,5	5 – 10	22	25	8	1.292.1611.50	1.292.1612.50	15	1.292.1611.30	1.292.1612.30
M 16 x 1,5	3 – 7	22	25	8	1.292.1611.51	1.292.1612.51	15	1.292.1611.31	1.292.1612.31
M 20 x 1,5	6 – 12	24	27	9	1.292.2001.50	1.292.2002.50	15	1.292.2001.30	1.292.2002.30
M 20 x 1,5	5 – 9	24	27	9	1.292.2001.51	1.292.2002.51	15	1.292.2001.31	1.292.2002.31
M 20 x 1,5	10 – 14	27	28	9	1.292.2016.50	1.292.2017.50	15	1.292.2016.30	1.292.2017.30
M 20 x 1,5	7 – 12	27	28	9	1.292.2016.51	1.292.2017.51	15	1.292.2016.31	1.292.2017.31
M 25 x 1,5	13 – 18	33	31	11	1.292.2501.50	1.292.2502.50	15	1.292.2501.30	1.292.2502.30
M 25 x 1,5	9 – 16	33	31	11	1.292.2501.51	1.292.2502.51	15	1.292.2501.31	1.292.2502.31
M 32 x 1,5	18 – 25	42	39	11	1.292.3201.50	1.292.3202.50	15	1.292.3201.30	1.292.3202.30
M 32 x 1,5	13 – 20	42	39	11	1.292.3201.51	1.292.3202.51	15	1.292.3201.31	1.292.3202.31
M 40 x 1,5	22 – 32	53	48	13	1.292.4001.50	1.292.4002.50	18	1.292.4001.30	1.292.4002.30
M 40 x 1,5	20 – 26	53	48	13	1.292.4001.51	1.292.4002.51	18	1.292.4001.31	1.292.4002.31
M 50 x 1,5	32 – 38	60	49	13	1.292.5001.50	1.292.5002.50	18	1.292.5001.30	1.292.5002.30
M 50 x 1,5	25 – 31	60	49	13	1.292.5001.51	1.292.5002.51	18	1.292.5001.31	1.292.5002.31
M 63 x 1,5	37 – 44	65 / 68	49	14	1.292.6301.50	1.292.6302.50	18	1.292.6301.30	1.292.6302.30
M 63 x 1,5	29 – 35	65 / 68	49	14	1.292.6301.51	1.292.6302.51	18	1.292.6301.31	1.292.6302.31
NPT 3/8"	4 – 8	19 / 22	22	15	1.292.3801.70	1.292.3802.70			
NPT 3/8"	3 – 6	19 / 22	22	15	1.292.3801.71	1.292.3802.71			
NPT 1/2"	6 – 12	24	27	13	1.292.1201.70	1.292.1202.70			
NPT 1/2"	5 – 9	24	27	13	1.292.1201.71	1.292.1202.71			
NPT 1/2" (16)	10 – 14	27	28	13	1.292.1216.70	1.292.1217.70			
NPT 1/2" (16)	7 – 12	27	28	13	1.292.1216.71	1.292.1217.71			
NPT 3/4"	13 – 18	33	31	14	1.292.3401.70	1.292.3402.70			
NPT 3/4"	9 – 16	33	31	14	1.292.3401.71	1.292.3402.71			
NPT 1"	18 – 25	42	39	19	1.292.1001.70	1.292.1002.70			
NPT 1"	13 – 20	42	39	19	1.292.1001.71	1.292.1002.71			
NPT 1 1/4"	18 – 25	42 / 46	39	16	1.292.5401.70	1.292.5402.70			
NPT 1 1/4"	13 – 20	42 / 46	39	16	1.292.5401.71	1.292.5402.71			
NPT 1 1/2"	22 – 32	53	48	20	1.292.6401.70	1.292.6402.70			
NPT 1 1/2"	20 – 26	53	48	20	1.292.6401.71	1.292.6402.71			

## HSK-K-Multi-Ex-Active / HSK-K-FLAKA-Ex-Active

Metr., NPT



<b>Material</b>	Fibreglass reinforced polyamide
<b>Seal</b>	Elastomer
<b>Protection</b>	IP 68 – 10 bar *
<b>Operating Temperature</b>	-20 °C – 85 °C (-4 °F – 185 °F)
<b>Colors</b>	black or blue-black
<b>O-Ring</b>	NBR

**ATEX** **II 2G Ex eb IIC Gb**  
**IECEx** **II 1D Ex ta IIIC Da**

**SP** **Class I Div 2 Groups A, B, C, D**  
**US** **Class II Div 1 Groups E, F, G**



**Note:**

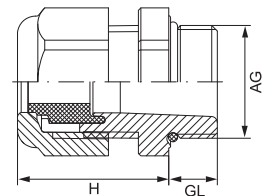
- FKM and VMQ O-Ring upon request
- The shown inserts are samples, more inserts upon request

**\*Installation Instructions multi hole inserts:**

Cable diameter should not be less than 20% of hole diameter and the difference between cable diameter and hole should never exceed 1 mm (.04").

**Installation Instructions flat cable inserts:**

The clamping range of the cable used may not deviate from the manufacturer-specified minimum values by more than 1 mm in length and 1 mm in width. The geometries of the cable and the insert hole must be compatible (semicircular or straight at the sides).



AG	GL mm	H mm	mm	Number of Holes x d	Item Number black	Item Number blue-black	Number of Holes x d	Item Number black	Item Number blue-black
<b>HSK-K-Multi-Ex-Active</b>									
M 16 x 1,5	8	22	19	4 x 1,4	1.581.1600.51	1.581.1600.52	2 x 3	1.581.1601.51	1.581.1601.52
M 20 x 1,5	9	27	24	6 x 3	1.581.2001.51	1.581.2001.52	2 x 5	1.581.2003.51	1.581.2003.52
M 25 x 1,5	11	31	33	4 x 6	1.581.2500.51	1.581.2500.52	3 x 7	1.581.2501.51	1.581.2501.52
M 32 x 1,5	11	39	42	6 x 6,5	1.581.3200.51	1.581.3200.52	4 x 9	1.581.3201.51	1.581.3201.52
M 40 x 1,5	13	48	53	7 x 9	1.581.4001.51	1.581.4001.52	2 x 15	1.581.4003.51	1.581.4003.52
M 50 x 1,5	13	49	60		1.581.5099.51	1.581.5099.52			
M 63 x 1,5	14	49	65 / 68	6 x 12	1.581.6301.51	1.581.6301.52	3 x 18	1.581.6302.51	1.581.6302.52
NPT 3/8"	15	22	19 / 22	4 x 1,4	1.581.3800.71	1.581.3800.72	2 x 3	1.581.3801.71	1.581.3801.72
NPT 1/2"	13	27	24	3 x 4	1.581.1202.71	1.581.1202.72	2 x 5	1.581.1203.71	1.581.1203.72
NPT 1/2" (16)	13	28	27	6 x 4	1.581.1220.71	1.581.1220.72	2 x 6	1.581.1221.71	1.581.1221.72
NPT 3/4"	14	31	33	4 x 6	1.581.3400.71	1.581.3400.72	3 x 7	1.581.3401.71	1.581.3401.72
NPT 1"	19	39	42	6 x 6,5	1.581.1000.71	1.581.1000.72	4 x 9	1.581.1001.71	1.581.1001.72
NPT 1 1/4"	16	39	42 / 46		1.581.5499.71	1.581.5499.72			
NPT 1 1/2"	20	48	53	5 x 9	1.581.6400.71	1.581.6400.72	7 x 9	1.581.6401.71	1.581.6401.72

AG	GL mm	H mm	mm	w x h mm	Item Number black	Item Number blue-black	w x h mm	Item Number black	Item Number blue-black
<b>HSK-K-FLAKA-Ex-Active</b>									
M 20 x 1,5	9	28	27	12 x 7	1.582.2017.51	1.582.2017.52	14 x 6	1.582.2018.51	1.582.2018.52
M 25 x 1,5	11	31	33	14 x 6	1.582.2500.51	1.582.2500.52	14 x 7	1.582.2501.51	1.582.2501.52
M 32 x 1,5	11	39	42	22 x 8	1.582.3200.51	1.582.3200.52			
M 40 x 1,5	13	48	53	28,5 x 10	1.582.4000.51	1.582.4000.52	29 x 5,5	1.582.4001.51	1.582.4001.52
M 40 x 1,5	13	48	53	30,5 x 12	1.582.4002.51	1.582.4002.52	31 x 7,5	1.582.4003.51	1.582.4003.52
M 50 x 1,5	13	49	60	33,5 x 11,5	1.582.5000.51	1.582.5000.52			
NPT 1/2" (16)	13	28	27	12 x 7	1.582.1217.71	1.582.1217.72	14 x 6	1.582.1218.71	1.582.1218.72
NPT 3/4"	14	31	33	14 x 6	1.582.3400.71	1.582.3400.72			
NPT 1"	19	39	42	22 x 8	1.582.1000.71	1.582.1000.72			
NPT 1 1/4"	16	39	42/46	22 x 8	1.582.5400.71	1.582.5400.72			
NPT 1 1/2"	20	48	53	28,5 x 10	1.582.6400.71	1.582.6400.72	29 x 5,5	1.582.6401.71	1.582.6401.72
NPT 1 1/2"	20	48	53	30,5 x 12	1.582.6402.71	1.582.6402.72	31 x 7,5	1.582.6403.71	1.582.6403.72

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### HUMMEL AG

Lise-Meitner-Straße 2  
79211 Denzlingen  
Germany  
[www.hummel.com](http://www.hummel.com)

Tel. +49 (0)7666/9 11 10-0  
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