

PLASTIC CABLE GLANDS

HUMMEL HSK-K series cable glands lie in the premium segment and meet the highest demands for quality and safety. When it comes to fire protection, sealing ability and impact resistance, numerous certifications prove performance at the highest level. HUMMEL customers can rely on this.

- // HSK-K: Polyamide cable glands
- // HSK-K-PVDF: Cable glands for use at high temperatures
- // HSK-K-Multi: Glands for applications with several cables
- // HSK-K-Flaka: With fitting for flat cables
- // HSK-K-Flex: Offers bending protection for dynamic applications
- // HSK-W: Versions with a folding bracket for mounting with 90° cabling

In each case, HUMMEL offers different clamping areas, thread lengths, thread types and various sealing materials for different temperature ranges. The cable glands have all relevant approvals for international markets and a wide range of sectors.



HSK-K: The right solution for every application

HUMMEL has a huge range of cable glands for industrial applications on offer. The plastic cable glands of the HSK-K series meet all requirements for tough industrial environments indoors and outdoors. They have all the relevant certificates and can therefore be used worldwide, which is why customers have the choice between metric thread types, PG and NPT threads. There are also cable glands for flat cables, ones with multiple inserts and glands with a flexible cable outlet.

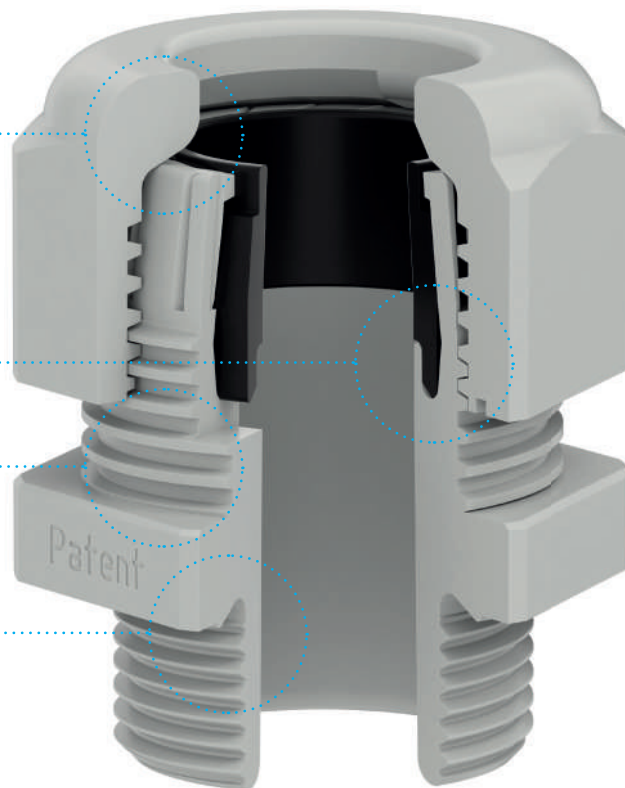
- // Protection class IP 66, IP 68 up to 10 bar and IP 69K
- // RoHS and REACH/SVHC compliant
- // Free of conflict materials
- // Free of halogen and phosphorus
- // Fire protection class VO according to UL94
- // Outdoor resistant polyamide according to UL 746C f1 (HSK-K black)

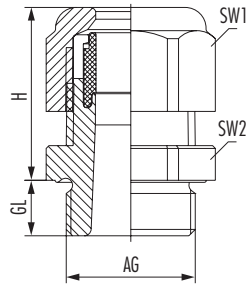
Overlapping clamping plates prevent the moulded seal from being torn out and thus increase the safety of the system

The chambered moulded seal results in protection class IP 68 up to 10 bar

The trapezoidal thread guarantees a stable transfer of force

A chambered O-ring seals the gland on the housing optimally and guarantees a tight fit during assembly





Material	Polyamide V0 according to UL94
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-40°C to +100°C
Colour	grey / black / blue
RAL	7035 / 9005 / 5012

RoHS

// With additional premounted O-ring on request

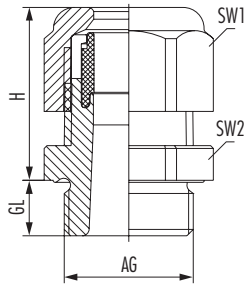
// Other sealing material e.g. Silicone on request

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⌀ Nm	Item-No grey	Item-No black	Item-No blue
M12 x 1.5	2 – 5	8	21	15/15	1.5	1.209.1200.51	1.209.1201.51	1.209.1202.51
M12 x 1.5	3 – 6.5	8	21	15/15	1.5	1.209.1200.50	1.209.1201.50	1.209.1202.50
M16 x 1.5	2 – 6	8	22	19/19	2	1.209.1600.51	1.209.1601.51	1.209.1602.51
M16 x 1.5	4 – 8	8	22	19/19	2	1.209.1600.50	1.209.1601.50	1.209.1602.50
M16 x 1.5	5 – 10	8	25	22/22	3	1.219.1600.50	1.219.1601.50	1.219.1602.50
M20 x 1.5	5 – 9	9	27	24/24	3	1.209.2000.51	1.209.2001.51	1.209.2002.51
M20 x 1.5	6 – 12	9	27	24/24	4.5	1.209.2000.50	1.209.2001.50	1.209.2002.50
M20 x 1.5	10 – 14	9	28	27/27	4.5	1.219.2000.50	1.219.2001.50	1.219.2002.50
M25 x 1.5	9 – 16	11	31	33/33	4	1.209.2500.51	1.209.2501.51	1.209.2502.51
M25 x 1.5	13 – 18	11	31	30/30	5	1.219.2500.50	1.219.2501.50	1.219.2502.50
M25 x 1.5	13 – 18	11	31	33/33	5	1.209.2500.50	1.209.2501.50	1.209.2502.50
M32 x 1.5	13 – 20	11	39	42/42	6	1.209.3200.51	1.209.3201.51	1.209.3202.51
M32 x 1.5	14 – 21	11	39	36/36	6	1.219.3200.50	1.219.3201.50	1.219.3202.50
M32 x 1.5	18 – 25	11	39	42/42	6.5	1.209.3200.50	1.209.3201.50	1.209.3202.50
M40 x 1.5	19 – 27	13	47	46/46	9	1.219.4000.50	1.219.4001.50	1.219.4002.50
M40 x 1.5	20 – 26	13	48	53/53	9	1.209.4000.51	1.209.4001.51	1.209.4002.51
M40 x 1.5	22 – 32	13	48	53/53	10	1.209.4000.50	1.209.4001.50	1.209.4002.50
M50 x 1.5	25 – 31	13	49	60/60	11	1.209.5000.51	1.209.5001.51	1.209.5002.51
M50 x 1.5	32 – 38	13	49	60/60	15	1.209.5000.50	1.209.5001.50	1.209.5002.50
M63 x 1.5	29 – 35	14	49	65/68	12	1.209.6300.51	1.209.6301.51	1.209.6302.51
M63 x 1.5	37 – 44	14	49	65/68	18	1.209.6300.50	1.209.6301.50	1.209.6302.50



Plastic cable glands

HSK-K (metric-long)



Material	Polyamide V0 according to UL94
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-40°C to +100°C
Colour	black / blue / grey
RAL	9005 / 5012 / 7035

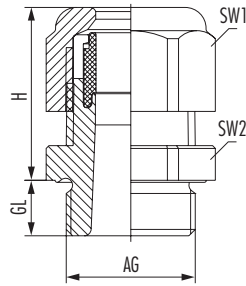
RoHS

// With additional premounted O-ring on request

// Other sealing material e.g. Silicone on request

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No grey	Item-No black	Item-No blue
M12 x 1.5	2 – 5	15	21	15/15	1.5	1.209.1200.31	1.209.1201.31	1.209.1202.31
M12 x 1.5	3 – 6.5	15	21	15/15	1.5	1.209.1200.30	1.209.1201.30	1.209.1202.30
M16 x 1.5	2 – 6	15	22	19/19	2	1.209.1600.31	1.209.1601.31	1.209.1602.31
M16 x 1.5	4 – 8	15	22	19/19	2	1.209.1600.30	1.209.1601.30	1.209.1602.30
M16 x 1.5	5 – 10	15	25	22/22	3	1.219.1600.30	1.219.1601.30	1.219.1602.30
M20 x 1.5	5 – 9	15	27	24/24	3	1.209.2000.31	1.209.2001.31	1.209.2002.31
M20 x 1.5	6 – 12	15	27	24/24	4.5	1.209.2000.30	1.209.2001.30	1.209.2002.30
M20 x 1.5	10 – 14	15	28	27/27	4.5	1.219.2000.30	1.219.2001.30	1.219.2002.30
M25 x 1.5	9 – 16	15	31	33/33	4	1.209.2500.31	1.209.2501.31	1.209.2502.31
M25 x 1.5	13 – 18	15	31	33/33	5	1.209.2500.30	1.209.2501.30	1.209.2502.30
M32 x 1.5	13 – 20	15	39	42/42	6	1.209.3200.31	1.209.3201.31	1.209.3202.31
M32 x 1.5	18 – 25	15	39	42/42	6.5	1.209.3200.30	1.209.3201.30	1.209.3202.30
M40 x 1.5	20 – 26	18	48	53/53	9	1.209.4000.31	1.209.4001.31	1.209.4002.31
M40 x 1.5	22 – 32	18	48	53/53	10	1.209.4000.30	1.209.4001.30	1.209.4002.30
M50 x 1.5	25 – 31	18	49	60/60	11	1.209.5000.31	1.209.5001.31	1.209.5002.31
M50 x 1.5	32 – 38	18	49	60/60	15	1.209.5000.30	1.209.5001.30	1.209.5002.30
M63 x 1.5	29 – 35	18	49	65/68	12	1.209.6300.31	1.209.6301.31	1.209.6302.31
M63 x 1.5	37 – 44	18	49	65/68	18	1.209.6300.30	1.209.6301.30	1.209.6302.30





Material	Polyamide V0 according to UL94
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-40°C to +100°C
Colour	grey / black / blue
RAL	7035 / 9005 / 5012

RoHS

// With additional premounted O-ring on request

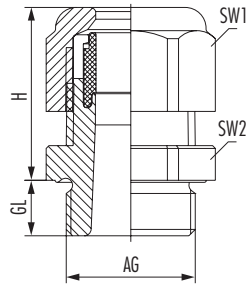
// Other sealing material e.g. Silicone on request

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No grey	Item-No black	Item-No blue
PG 7	2 – 5	8	21	15/15	1.5	1.209.0700.15	1.209.0701.15	1.209.0702.15
PG 7	3 – 6.5	8	21	15/15	1.5	1.209.0700.14	1.209.0701.14	1.209.0702.14
PG 9	2 – 6	8	22	19/19	2	1.209.0900.15	1.209.0901.15	1.209.0902.15
PG 9	4 – 8	8	22	19/19	2	1.209.0900.14	1.209.0901.14	1.209.0902.14
PG 11	3 – 7	8	25	22/22	2.5	1.209.1100.15	1.209.1101.15	1.209.1102.15
PG 11	5 – 10	8	25	22/22	3	1.209.1100.14	1.209.1101.14	1.209.1102.14
PG 13.5	5 – 9	9	27	24/24	3	1.209.1300.15	1.209.1301.15	1.209.1302.15
PG 13.5	6 – 12	9	27	24/24	4.5	1.209.1300.14	1.209.1301.14	1.209.1302.14
PG 16	7 – 12	10	28	27/27	3.5	1.209.1600.15	1.209.1601.15	1.209.1602.15
PG 16	10 – 14	10	28	27/27	4.5	1.209.1600.14	1.209.1601.14	1.209.1602.14
PG 21	9 – 16	11	31	33/33	4	1.209.2100.15	1.209.2101.15	1.209.2102.15
PG 21	13 – 18	11	31	33/33	5	1.209.2100.14	1.209.2101.14	1.209.2102.14
PG 29	13 – 20	11	39	42/42	6	1.209.2900.15	1.209.2901.15	1.209.2902.15
PG 29	18 – 25	11	39	42/42	6.5	1.209.2900.14	1.209.2901.14	1.209.2902.14
PG 36	20 – 26	13	48	53/53	9	1.209.3600.15	1.209.3601.15	1.209.3602.15
PG 36	22 – 32	13	48	53/53	10	1.209.3600.14	1.209.3601.14	1.209.3602.14
PG 42	25 – 31	13	49	60/60	11	1.209.4200.15	1.209.4201.15	1.209.4202.15
PG 42	32 – 38	13	49	60/60	15	1.209.4200.14	1.209.4201.14	1.209.4202.14
PG 48	29 – 35	14	49	65/65	12	1.209.4800.15	1.209.4801.15	1.209.4802.15
PG 48	37 – 44	14	49	65/65	18	1.209.4800.14	1.209.4801.14	1.209.4802.14



Plastic cable glands

HSK-K (PG-long)



Material	Polyamide VO according to UL94
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-40°C to +100°C
Colour	grey / black / blue
RAL	7035 / 9005 / 5012

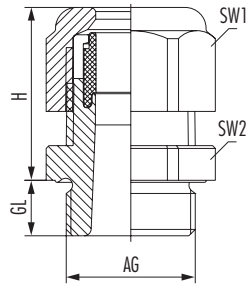
RoHS

// With additional premounted O-ring on request

// Other sealing material e.g. Silicone on request

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No grey	Item-No black	Item-No blue
PG 7	2 – 5	15	21	15/15	1.5	1.209.0700.61	1.209.0701.61	1.209.0702.61
PG 7	3 – 6.5	15	21	15/15	1.5	1.209.0700.60	1.209.0701.60	1.209.0702.60
PG 9	2 – 6	15	22	19/19	2	1.209.0900.61	1.209.0901.61	1.209.0902.61
PG 9	4 – 8	15	22	19/19	2	1.209.0900.60	1.209.0901.60	1.209.0902.60
PG 11	3 – 7	15	25	22/22	2.5	1.209.1100.61	1.209.1101.61	1.209.1102.61
PG 11	5 – 10	15	25	22/22	3	1.209.1100.60	1.209.1101.60	1.209.1102.60
PG 13.5	5 – 9	15	27	24/24	3	1.209.1300.61	1.209.1301.61	1.209.1302.61
PG 13.5	6 – 12	15	27	24/24	4.5	1.209.1300.60	1.209.1301.60	1.209.1302.60
PG 16	7 – 12	15	28	27/27	3.5	1.209.1600.61	1.209.1601.61	1.209.1602.61
PG 16	10 – 14	15	28	27/27	4.5	1.209.1600.60	1.209.1601.60	1.209.1602.60
PG 21	9 – 16	15	31	33/33	4	1.209.2100.61	1.209.2101.61	1.209.2102.61
PG 21	13 – 18	15	31	33/33	5	1.209.2100.60	1.209.2101.60	1.209.2102.60
PG 29	13 – 20	15	39	42/42	6	1.209.2900.61	1.209.2901.61	1.209.2902.61
PG 29	18 – 25	15	39	42/42	6.5	1.209.2900.60	1.209.2901.60	1.209.2902.60
PG 36	20 – 26	18	48	53/53	9	1.209.3600.61	1.209.3601.61	1.209.3602.61
PG 36	22 – 32	18	48	53/53	10	1.209.3600.60	1.209.3601.60	1.209.3602.60
PG 42	25 – 31	18	49	60/60	11	1.209.4200.61	1.209.4201.61	1.209.4202.61
PG 42	32 – 38	18	49	60/60	15	1.209.4200.60	1.209.4201.60	1.209.4202.60
PG 48	29 – 35	18	49	65/65	12	1.209.4800.61	1.209.4801.61	1.209.4802.61
PG 48	37 – 44	18	49	65/65	18	1.209.4800.60	1.209.4801.60	1.209.4802.60





Material	Polyamide V0 according to UL94
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-40°C to +100°C
Colour	grey / black / blue
RAL	7035 / 9005 / 5012

RoHS

// With additional premounted O-ring on request

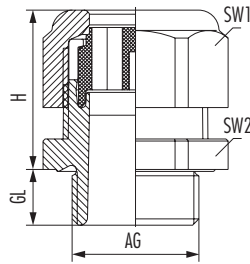
// Other sealing material e.g. Silicone on request

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No grey	Item-No black	Item-No blue
NPT 3/8"	2 – 6	15	22	19/22	2	1.209.3800.71	1.209.3801.71	1.209.3802.71
NPT 3/8"	4 – 8	15	22	19/22	2	1.209.3800.70	1.209.3801.70	1.209.3802.70
NPT 1/2"	5 – 9	13	27	24/24	3	1.209.1200.71	1.209.1201.71	1.209.1202.71
NPT 1/2"	6 – 12	13	27	24/24	4.5	1.209.1200.70	1.209.1201.70	1.209.1202.70
NPT 1/2"	7 – 12	13	28	27/27	3.5	1.209.1216.71	1.209.1217.71	1.209.1218.71
NPT 1/2"	10 – 14	13	28	27/27	4.5	1.209.1216.70	1.209.1217.70	1.209.1218.70
NPT 3/4"	9 – 16	14	31	33/33	4	1.209.3400.71	1.209.3401.71	1.209.3402.71
NPT 3/4"	13 – 18	14	31	33/33	5	1.209.3400.70	1.209.3401.70	1.209.3402.70
NPT 1"	13 – 20	19	39	42/42	6	1.209.1000.71	1.209.1001.71	1.209.1002.71
NPT 1"	18 – 25	19	39	42/42	6.5	1.209.1000.70	1.209.1001.70	1.209.1002.70
NPT 1 1/4"	13 – 20	16	39	42/46	6	1.209.5400.71	1.209.5401.71	1.209.5402.71
NPT 1 1/4"	18 – 25	16	39	42/46	6.5	1.209.5400.70	1.209.5401.70	1.209.5402.70
NPT 1 1/2"	20 – 26	20	48	53/53	9	1.209.6400.71	1.209.6401.71	1.209.6402.71
NPT 1 1/2"	22 – 32	20	48	53/53	10	1.209.6400.70	1.209.6401.70	1.209.6402.70



Plastic cable glands

HSK-K-Multi (metric, PG, NPT)



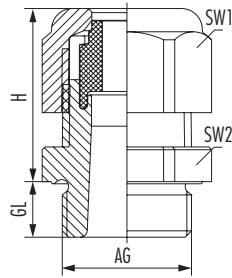
Material	Polyamide V0 according to UL94
Seal	Elastomer
Protection class	IP 65 / IP 68 – 10 bar and optimum assignment of all bores and additional o-ring
Temperature range	-40°C to +100°C
Colour	grey / black
RAL	7035 / 9005

RoHS

- // With additional premounted O-ring on the connection thread on request
- // Elongated threads on request
- // Further seal inserts on request
- // Type "Number of holes x d = -": without hole

AG	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Number of holes x d	Item-No grey	Item-No black	Number of holes x d	Item-No grey	Item-No black
M16 x 1.5	8	22	19/19	2	4 x 1.4	1.597.1600.50	1.597.1600.51			
M16 x 1.5	8	22	19/19	3	2 x 3	1.597.1601.50	1.597.1601.51			
M20 x 1.5	9	27	24/24	4.5	2 x 5	1.597.2003.50	1.597.2003.51	6 x 3	1.597.2001.50	1.597.2001.51
M25 x 1.5	11	31	33/33	5	3 x 7	1.597.2501.50	1.597.2501.51	4 x 6	1.597.2500.50	1.597.2500.51
M32 x 1.5	11	39	42/42	6.5	4 x 9	1.597.3201.50	1.597.3201.51	6 x 6.5	1.597.3200.50	1.597.3200.51
M40 x 1.5	13	48	53/53	10	2 x 15	1.597.4003.50	1.597.4003.51	7 x 9	1.597.4001.50	1.597.4001.51
M50 x 1.5	13	49	60/60	15	-	1.597.5099.50	1.597.5099.51			
M63 x 1.5	14	49	65/68	22	3 x 18	1.597.6302.50	1.597.6302.51	6 x 12	1.597.6301.50	1.597.6301.51
PG 7	8	21	15/15	1.5	-	1.597.0799.00				
PG 9	8	22	19/19	2	4 x 1.4	1.597.0900.00	1.597.0900.01			
PG 9	8	22	19/19	3	2 x 3	1.597.0901.00	1.597.0901.01			
PG 11	8	25	22/22	3	2 x 4	1.597.1102.00	1.597.1102.01	3 x 3	1.597.1101.00	1.597.1101.01
PG 13.5	9	27	24/24	4.5	2 x 5	1.597.1303.00	1.597.1303.01	3 x 4	1.597.1302.00	1.597.1302.01
PG 16	10	28	27/27	4.5	2 x 6	1.597.1605.00	1.597.1605.01	3 x 5.6	1.597.1606.00	1.597.1606.01
PG 16	10	28	27/27	4.5	4 x 4	1.597.1602.00	1.597.1602.01	6 x 4	1.597.1604.00	1.597.1604.01
PG 21	11	31	33/33	5	3 x 7	1.597.2101.00	1.597.2101.01	4 x 6	1.597.2100.00	1.597.2100.01
PG 29	11	39	42/42	6.5	4 x 9	1.597.2901.00	1.597.2901.01	6 x 6.5	1.597.2900.00	1.597.2900.01
PG 36	13	48	53/53	10	2 x 15	1.597.3603.00	1.597.3603.01	7 x 9	1.597.3601.00	1.597.3601.01
PG 42	13	49	60/60	10	-	1.597.4299.00				
PG 48	14	49	65/65	22	3 x 18	1.597.4802.00	1.597.4802.01	6 x 12	1.597.4801.00	1.597.4801.01
NPT 3/8"	15	22	19/22	2	4 x 1.4	1.597.3800.70	1.597.3800.71			
NPT 3/8"	15	22	19/22	3	2 x 3	1.597.3801.70	1.597.3801.71			
NPT 1/2"	13	27	24/24	4.5	2 x 5	1.597.1203.70	1.597.1203.71	3 x 4	1.597.1202.70	1.597.1202.71
NPT 1/2"	13	28	27/27	4.5	2 x 6	1.597.1221.70	1.597.1221.71	6 x 4	1.597.1220.70	1.597.1220.71
NPT 3/4"	14	31	33/33	5	3 x 7	1.597.3401.70	1.597.3401.71	4 x 6	1.597.3400.70	1.597.3400.71
NPT 1"	19	39	42/42	6.5	4 x 9	1.597.1001.70	1.597.1001.71	6 x 6.5	1.597.1000.70	1.597.1000.71
NPT 1 1/4"	16	39	42/46	6.5	-	1.597.5499.70	1.597.5499.71			
NPT 1 1/2"	20	48	53/53	10	5 x 9	1.597.6400.70	1.597.6400.71	7 x 9	1.597.6401.70	1.597.6401.71





Material	Polyamide VO according to UL94
Seal	Elastomer
Protection class	IP 65 / IP 68 with additional O-ring
Temperature range	-40°C to +100°C
Colour	grey / black
RAL	7035 / 9005

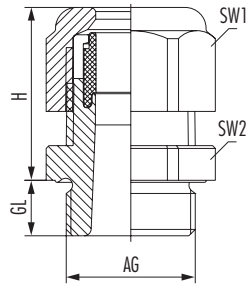
RoHS

- // With additional premounted O-ring on the connection thread on request
- // Elongated threads on request
- // Further seal inserts on request

AG	GL mm	H mm	SW1/SW2 mm	⊕ Nm	B x H mm	Item-No grey	Item-No black	B x H mm	Item-No grey	Item-No black
M20 x 1.5	9	28	27/27	4.5	11.5 x 5	1.587.2016.50	1.587.2016.51	12 x 7	1.587.2017.50	1.587.2017.51
M20 x 1.5	9	28	27/27	4.5	14 x 6	1.587.2018.50	1.587.2018.51			
M25 x 1.5	11	31	33/33	5	14 x 6	1.587.2500.50	1.587.2500.51	14 x 7	1.587.2501.50	1.587.2501.51
M32 x 1.5	11	39	42/42	6.5	22 x 8	1.587.3200.50	1.587.3200.51			
M40 x 1.5	13	48	53/53	10	28.5 x 10	1.587.4000.50	1.587.4000.51	29 x 5.5	1.587.4001.50	1.587.4001.51
M40 x 1.5	13	48	53/53	10	30.5 x 12	1.587.4002.50	1.587.4002.51	31 x 7.5	1.587.4003.50	1.587.4003.51
M50 x 1.5	13	49	60/60	15	33.5 x 11.5	1.587.5000.50	1.587.5000.51			
M63 x 1.5	14	49	65/68	18	38 x 12	1.587.6300.50	1.587.6301.51			
PG 16	10	28	27/27	4.5	11.5 x 5	1.587.1600.00	1.587.1600.01	12 x 7	1.587.1601.00	1.587.1601.01
PG 16	10	28	27/27	4.5	14 x 6	1.587.1602.00	1.587.1602.01			
PG 21	11	31	33/33	5	14 x 6	1.587.2100.00	1.587.2100.01	14 x 7	1.587.2101.00	1.587.2101.01
PG 29	11	39	42/42	6.5	22 x 8	1.587.2900.00	1.587.2900.01			
PG 36	13	48	53/53	10	28.5 x 10	1.587.3600.00	1.587.3600.01	29 x 5.5	1.587.3601.00	1.587.3601.01
PG 36	13	48	53/53	10	30.5 x 12	1.587.3602.00	1.587.3602.01	31 x 7.5	1.587.3603.00	1.587.3603.01
PG 42	13	49	60/60	15	33.5 x 11.5	1.587.4200.00	1.587.4200.01			
PG 48	14	49	65/65	18	38 x 12	1.587.4800.00	1.587.4800.01			
NPT 1/2"	13	28	27/27	4.5	11.5 x 5.5	1.587.1216.70	1.587.1216.71	12 x 7	1.587.1217.70	1.587.1217.71
NPT 1/2"	13	28	27/27	4.5	14 x 6	1.587.1218.70	1.587.1218.71			
NPT 3/4"	14	31	33/33	5	14 x 6	1.587.3400.70	1.587.3400.71			
NPT 1"	19	39	42/42	6.5	22 x 8	1.587.1000.70	1.587.1000.71			
NPT 1 1/4"	16	39	42/46	6.5	22 x 8	1.587.5400.70	1.587.5400.71			
NPT 1 1/2"	20	48	53/53	10	28.5 x 10	1.587.6400.70	1.587.6400.71	29 x 5.5	1.587.6401.70	1.587.6401.71
NPT 1 1/2"	20	48	53/53	10	30.5 x 12	1.587.6402.70	1.587.6402.71	31 x 7.5	1.587.6403.70	1.587.6403.71

Plastic cable glands


HSK-K-PVDF (metric, NPT)



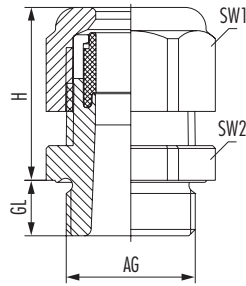
Material	PVDF VO according to UL94
Seal	FKM
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-35°C to +150°C
Colour	natural

RoHS

- // With additional premounted O-ring on request
- // Other sealing materials on request

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	 Nm	Item-No
M12 x 1.5	2 – 5	8	21	15/15	1.5	1.299.1200.51
M12 x 1.5	3 – 6.5	8	21	15/15	1.5	1.299.1200.50
M16 x 1.5	2 – 6	8	22	19/19	2	1.299.1600.51
M16 x 1.5	4 – 8	8	22	19/19	2	1.299.1600.50
M20 x 1.5	5 – 9	9	27	24/24	3	1.299.2000.51
M20 x 1.5	6 – 12	9	27	24/24	3	1.299.2000.50
M25 x 1.5	9 – 16	11	31	33/33	4	1.299.2500.51
M25 x 1.5	13 – 18	11	31	33/33	4	1.299.2500.50
M32 x 1.5	13 – 20	11	39	42/42	6	1.299.3200.51
M32 x 1.5	18 – 25	11	39	42/42	6	1.299.3200.50
NPT 3/8"	2 – 6	15	22	19/22	2	1.299.3800.71
NPT 3/8"	4 – 8	15	22	19/22	2	1.299.3800.70
NPT 1/2"	5 – 9	13	27	24/24	3	1.299.1200.71
NPT 1/2"	6 – 12	13	27	24/24	4.5	1.299.1200.70
NPT 1/2"	7 – 12	13	28	27/27	3.5	1.299.1216.71
NPT 1/2"	10 – 14	13	28	27/27	4.5	1.299.1216.70
NPT 3/4"	9 – 16	14	31	33/33	4	1.299.3400.71
NPT 3/4"	13 – 18	14	31	33/33	5	1.299.3400.70






Material	PVDF VO according to UL94
Seal	FKM
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-35°C to +150°C
Colour	natural

RoHS

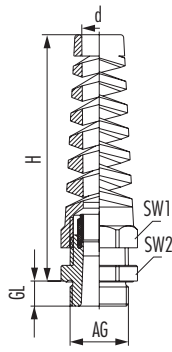
- // With additional premounted O-ring on request
- // Other sealing materials on request

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	 Nm	Item-No
PG 7	2 – 5	8	21	15/15	1.5	1.299.0700.15
PG 7	3 – 6.5	8	21	15/15	1.5	1.299.0700.14
PG 9	2 – 6	8	22	19/19	2	1.299.0900.15
PG 9	4 – 8	8	22	19/19	2	1.299.0900.14
PG 11	3 – 7	8	25	22/22	3	1.299.1100.15
PG 11	5 – 10	8	25	22/22	3	1.299.1100.14
PG 13.5	5 – 9	9	27	24/24	3	1.299.1300.15
PG 13.5	6 – 12	9	27	24/24	3	1.299.1300.14
PG 16	7 – 12	10	28	27/27	3.5	1.299.1600.15
PG 16	10 – 14	10	28	27/27	4.5	1.299.1600.14
PG 21	9 – 16	11	31	33/33	4	1.299.2100.15
PG 21	13 – 18	11	31	33/33	4	1.299.2100.14
PG 29	13 – 20	11	39	42/42	6	1.299.2900.15
PG 29	18 – 25	11	39	42/42	6	1.299.2900.14
PG 36	20 – 26	13	48	53/53	9	1.299.3600.15
PG 36	22 – 32	13	48	53/53	10	1.299.3600.14
PG 42	25 – 31	13	49	60/60	11	1.299.4200.15
PG 42	32 – 38	13	49	60/60	15	1.299.4200.14
PG 48	29 – 35	14	49	65/65	10	1.299.4800.15
PG 48	37 – 44	14	49	65/65	18	1.299.4800.14



Plastic cable glands

HSK-K-Flex (metric/long, PG/long)



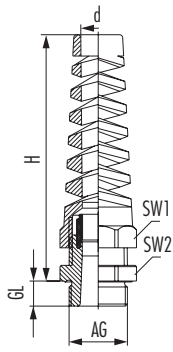
Material	Polyamide
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
Temperature range	-40°C to +100°C
Colour	grey / black
RAL	7035 / 9005

RoHS

// With additional premounted O-ring on the connection thread on request
 // Other sealing material e.g. Silicone on request

AG	∅k mm	d mm	H mm	SW1/SW2 mm	⊕ Nm	GL mm	Item-No grey short	Item-No black short	GL mm	Item-No grey long	Item-No black long
M12 x 1.5	2 – 5	7	54	15/15	1.5	8	1.293.1200.51	1.293.1201.51	15	1.293.1200.31	1.293.1201.31
M12 x 1.5	3 – 6.5	7	54	15/15	1.5	8	1.293.1200.50	1.293.1201.50	15	1.293.1200.30	1.293.1201.30
M16 x 1.5	2 – 6	8.5	63	19/19	2	8	1.293.1600.51	1.293.1601.51	15	1.293.1600.31	1.293.1601.31
M16 x 1.5	3 – 7	10.5	78	22/22	2.5	8	1.294.1600.51	1.294.1601.51	15	1.294.1600.31	1.294.1601.31
M16 x 1.5	4 – 8	8.5	63	19/19	2	8	1.293.1600.50	1.293.1601.50	15	1.293.1600.30	1.293.1601.30
M16 x 1.5	5 – 10	10.5	78	22/22	3	8	1.294.1600.50	1.294.1601.50	15	1.294.1600.30	1.294.1601.30
M20 x 1.5	5 – 9	13	90	24/24	3	9	1.293.2000.51	1.293.2001.51	15	1.293.2000.31	1.293.2001.31
M20 x 1.5	6 – 12	13	90	24/24	4.5	9	1.293.2000.50	1.293.2001.50	15	1.293.2000.30	1.293.2001.30
M20 x 1.5	7 – 12	15.5	100	27/27	3.5	9	1.294.2000.51	1.294.2001.51	15	1.294.2000.31	1.294.2001.31
M20 x 1.5	10 – 14	15.5	100	27/27	4.5	9	1.294.2000.50	1.294.2001.50	15	1.294.2000.30	1.294.2001.30
M25 x 1.5	9 – 16	20	114	33/33	4	11	1.293.2500.51	1.293.2501.51	15	1.293.2500.31	1.293.2501.31
M25 x 1.5	13 – 18	20	114	33/33	5	11	1.293.2500.50	1.293.2501.50	15	1.293.2500.30	1.293.2501.30
PG 7	2 – 5	7	54	15/15	1.5	8	1.293.0700.15	1.293.0701.15	15	1.293.0700.61	1.293.0701.61
PG 7	3 – 6.5	7	54	15/15	1.5	8	1.293.0700.14	1.293.0701.14	15	1.293.0700.60	1.293.0701.60
PG 9	2 – 6	8.5	63	19/19	2	8	1.293.0900.15	1.293.0901.15	15	1.293.0900.61	1.293.0901.61
PG 9	4 – 8	8.5	63	19/19	2	8	1.293.0900.14	1.293.0901.14	15	1.293.0900.60	1.293.0901.60
PG 11	3 – 7	10.5	78	22/22	2.5	8	1.293.1100.15	1.293.1101.15	15	1.293.1100.61	1.293.1101.61
PG 11	5 – 10	10.5	78	22/22	3	8	1.293.1100.14	1.293.1101.14	15	1.293.1100.60	1.293.1101.60
PG 13.5	5 – 9	13	90	24/24	3	9	1.293.1300.15	1.293.1301.15	15	1.293.1300.61	1.293.1301.61
PG 13.5	6 – 12	13	90	24/24	4.5	9	1.293.1300.14	1.293.1301.14	15	1.293.1300.60	1.293.1301.60
PG 16	7 – 12	15.5	100	27/27	3.5	10	1.293.1600.15	1.293.1601.15	15	1.293.1600.61	1.293.1601.61
PG 16	10 – 14	15.5	100	27/27	4.5	10	1.293.1600.14	1.293.1601.14	15	1.293.1600.60	1.293.1601.60
PG 21	9 – 16	20	114	33/33	4	11	1.293.2100.15	1.293.2101.15	15	1.293.2100.61	1.293.2101.61
PG 21	13 – 18	20	114	33/33	5	11	1.293.2100.14	1.293.2101.14	15	1.293.2100.60	1.293.2101.60





Material	Polyamide
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
Temperature range	-40°C to +100°C
Colour	grey / black
RAL	7035 / 9005

RoHS

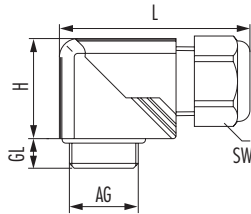
- // With additional premounted O-ring on the connection thread on request
- // Other sealing material e.g. Silicone on request

AG	∅k mm	d mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No grey	Item-No black
NPT 3/8"	2 – 6	8.5	15	63	22/19	2	1.293.3800.71	1.293.3801.71
NPT 3/8"	4 – 8	8.5	15	63	22/19	2	1.293.3800.70	1.293.3801.70
NPT 1/2"	5 – 9	13	13	90	24/24	3	1.293.1200.71	1.293.1201.71
NPT 1/2"	6 – 12	13	13	90	24/24	4.5	1.293.1200.70	1.293.1201.70
NPT 1/2"	7 – 12	15.5	13	100	27/27	3.5	1.293.1216.71	1.293.1217.71
NPT 1/2"	10 – 14	15.5	13	100	27/27	4.5	1.293.1216.70	1.293.1217.70
NPT 3/4"	9 – 16	20	14	114	33/33	4	1.293.3400.71	1.293.3401.71
NPT 3/4"	13 – 18	20	14	114	33/33	5	1.293.3400.70	1.293.3401.70



Plastic cable glands

HSK-W (metric, PG, NPT)



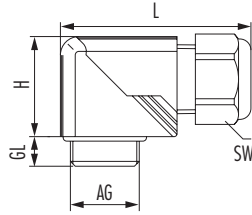
Material	Polyamide
Seal	NBR
Material o-ring	NBR
Protection class	IP 68
Temperature range	-40°C to +100°C
Colour	black / grey
RAL	9005 / 7035

RoHS

// Other sealing material e.g. Silicone on request

AG	∅k mm	GL mm	H mm	L mm	SW mm	⊕ Nm	Item-No grey	Item-No black
M16 x 1.5	2-6	8	23	45	19	2.5	1.313.1600.51	1.313.1601.51
M16 x 1.5	4-8	8	23	45	19	2.5	1.313.1600.50	1.313.1601.50
M20 x 1.5	5-9	9	30.5	57	24	4	1.313.2000.51	1.313.2001.51
M20 x 1.5	6-12	9	30.5	57	24	4	1.313.2000.50	1.313.2001.50
M25 x 1.5	9-16	11	40	73	33	6	1.313.2500.51	1.313.2501.51
M25 x 1.5	13-18	11	40	73	33	6	1.313.2500.50	1.313.2501.50
M32 x 1.5	13-20	11	51.5	91	42	9	1.313.3200.51	1.313.3201.51
M32 x 1.5	18-25	11	51.5	91	42	9	1.313.3200.50	1.313.3201.50
PG 9	2-6	8	23	45	19	2.5	1.313.0900.15	1.313.0901.15
PG 9	4-8	8	23	45	19	2.5	1.313.0900.14	1.313.0901.14
PG 11	3-7	8	27	50	22	2.5	1.313.1100.15	1.313.1101.15
PG 11	5-10	8	27	50	22	4	1.313.1100.14	1.313.1101.14
PG 13.5	5-9	9	30.5	57	24	4	1.313.1300.15	1.313.1301.15
PG 13.5	6-12	9	30.5	57	24	4	1.313.1300.14	1.313.1301.14
PG 16	7-12	10	32.5	59	27	4	1.313.1600.15	1.313.1601.15
PG 16	10-14	10	32.5	59	27	6	1.313.1600.14	1.313.1601.14
PG 21	9-16	11	40	73	33	6	1.313.2100.15	1.313.2101.15
PG 21	13-18	11	40	73	33	6	1.313.2100.14	1.313.2101.14
PG 29	13-20	11	51.5	91	42	9	1.313.2900.15	1.313.2901.15
PG 29	18-25	11	51.5	91	42	9	1.313.2900.14	1.313.2901.14
NPT 3/8"	2-6	15	23	45	19	2.5	1.313.3800.71	1.313.3801.71
NPT 3/8"	4-8	15	23	45	19	2.5	1.313.3800.70	1.313.3801.70
NPT 1/2"	5-9	13	32.5	57	24	4	1.313.1200.71	1.313.1201.71
NPT 1/2"	6-12	13	32.5	57	24	4	1.313.1200.70	1.313.1201.70
NPT 1/2"	7-12	13	32.5	59	27	4	1.313.1216.71	1.313.1217.71
NPT 1/2"	10-14	13	32.5	59	27	6	1.313.1216.70	1.313.1217.70
NPT 3/4"	9-16	13	40	73	33	6	1.313.3400.71	1.313.3401.71
NPT 3/4"	13-18	13	40	73	33	6	1.313.3400.70	1.313.3401.70
NPT 1"	13-20	19	51.5	91	42	9	1.313.1000.71	1.313.1001.71
NPT 1"	18-25	19	51.5	91	42	9	1.313.1000.70	1.313.1001.70





Material	Polyamide
Seal	NBR
Material o-ring	NBR
Protection class	IP 68
Temperature range	-40°C to +100°C
Colour	black / grey
RAL	9005 / 7035

RoHS

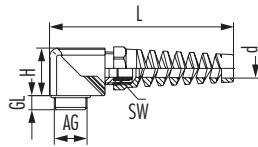
- // Other sealing material e.g. Silicone on request
- // Version rotatable

AG	∅k mm	GL mm	H mm	L mm	SW mm	⊕ Nm	Item-No grey	Item-No black
PG 9	2 – 6	8	28	45	19	2.5	1.317.0900.15	1.317.0901.15
PG 9	4 – 8	8	28	45	19	2.5	1.317.0900.14	1.317.0901.14
PG 11	3 – 7	8	32	50	22	2.5	1.317.1100.15	1.317.1101.15
PG 11	5 – 10	8	32	50	22	4	1.317.1100.14	1.317.1101.14
PG 13.5	5 – 9	9	35.5	57	24	4	1.317.1300.15	1.317.1301.15
PG 13.5	6 – 12	9	35.5	57	24	4	1.317.1300.14	1.317.1301.14
PG 16	7 – 12	11	46	73	33	4	1.317.1600.15	1.317.1601.15
PG 16	10 – 14	10	38.5	59	27	6	1.317.1600.14	1.317.1601.14
PG 21	9 – 16	11	46	73	33	6	1.317.2100.15	1.317.2101.15
PG 21	13 – 18	11	46	73	33	6	1.317.2100.14	1.317.2101.14



Plastic cable glands

HSK-W-Flex (metric, PG, NPT)



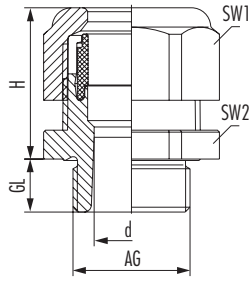
Material	Polyamide
Seal	NBR
Material o-ring	NBR
Protection class	IP 68
Temperature range	-40°C to +100°C
Colour	grey / black
RAL	7035 / 9005

RoHS

// Other sealing material e.g. Silicone on request

AG	∅k mm	d mm	GL mm	H mm	L mm	SW mm	⊕ Nm	Item-No grey	Item-No black
M16 x 1.5	2-6	8.5	8	23	85	19	2.5	1.314.1600.51	1.314.1601.51
M16 x 1.5	4-8	8.5	8	23	85	19	2.5	1.314.1600.50	1.314.1601.50
M20 x 1.5	5-9	13	9	30.5	119	24	4	1.314.2000.51	1.314.2001.51
M20 x 1.5	6-12	13	9	30.5	119	24	4	1.314.2000.50	1.314.2001.50
M25 x 1.5	9-16	20	11	40	156	33	6	1.314.2500.51	1.314.2501.51
M25 x 1.5	13-18	20	11	40	156	33	6	1.314.2500.50	1.314.2501.50
PG 9	2-6	8.5	8	23	85	19	2.5	1.314.0900.15	1.314.0901.15
PG 9	4-8	8.5	8	23	85	19	2.5	1.314.0900.14	1.314.0901.14
PG 11	3-7	10.5	8	27	103	22	2.5	1.314.1100.15	1.314.1101.15
PG 11	5-10	10.5	8	27	103	22	4	1.314.1100.14	1.314.1101.14
PG 13.5	5-9	13	9	30.5	119	24	4	1.314.1300.15	1.314.1301.15
PG 13.5	6-12	13	9	30.5	119	24	4	1.314.1300.14	1.314.1301.14
PG 16	7-12	15.5	10	32.5	130	27	4	1.314.1600.15	1.314.1601.15
PG 16	10-14	15.5	10	32.5	130	27	6	1.314.1600.14	1.314.1601.14
PG 21	9-16	20	11	40	156	33	6	1.314.2100.15	1.314.2101.15
PG 21	13-18	20	11	40	156	33	6	1.314.2100.14	1.314.2101.14
NPT 3/8"	2-6	8.5	15	23	85	19	2.5	1.314.3800.71	1.314.3801.71
NPT 3/8"	4-8	8.5	15	23	85	19	2.5	1.314.3800.70	1.314.3801.70
NPT 1/2"	5-9	13	13	30.5	119	24	4	1.314.1200.71	1.314.1201.71
NPT 1/2"	6-12	13	13	30.5	119	24	4	1.314.1200.70	1.314.1201.70
NPT 1/2"	7-12	15.5	13	31.5	130	27	4	1.314.1216.71	1.314.1217.71
NPT 1/2"	10-14	15.5	13	31.5	130	27	6	1.314.1216.70	1.314.1217.70
NPT 3/4"	9-16	20	13	40	156	33	6	1.314.3400.71	1.314.3401.71
NPT 3/4"	13-18	20	13	40	156	33	6	1.314.3400.70	1.314.3401.70





Material	Polyamide V0 according to UL94
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-40°C to +100°C
Colour	grey / black
RAL	7035 / 9005

RoHS

// With additional premounted O-ring on request

// Other sealing materials on request

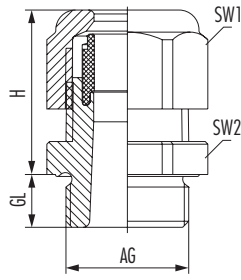
AG	∅k mm	d mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No grey	Item-No black
PG 7	2 – 6	7	8	22	19/19	2	1.590.0700.15	1.590.0701.15
PG 7	4 – 8	7	8	22	19/19	2	1.590.0700.14	1.590.0701.14
PG 9	3 – 7	9	8	25	22/22	2.5	1.590.0900.15	1.590.0901.15
PG 9	5 – 10	9	8	25	22/22	3	1.590.0900.14	1.590.0901.14
PG 11	5 – 9	10.5	8	24	24/24	3	1.590.1100.15	1.590.1101.15
PG 11	6 – 12	10.5	8	24	24/24	4.5	1.590.1100.14	1.590.1101.14
PG 13.5	7 – 12	12.5	9	28	27/27	3.5	1.590.1300.15	1.590.1301.15
PG 13.5	10 – 14	12.5	9	28	27/27	4.5	1.590.1300.14	1.590.1301.14
PG 16	9 – 16	15	10	31	33/33	4	1.590.1600.15	1.590.1601.15
PG 16	13 – 18	15	10	31	33/33	5	1.590.1600.14	1.590.1601.14



Plastic cable glands

HSK-KR (PG)

RoHS



Material	Polyamide V0 according to UL94
Seal	NBR
Protection class	IP 68 – 10 bar / IP 69 K with additional o-ring
NEMA type rating	4 / 4X / 6
Temperature range	-40°C to +100°C
Colour	grey / black
RAL	7035 / 9005

// With additional premounted O-ring on request

// Other sealing materials on request



AG	∅k mm	GL mm	H mm	SW1/SW2 mm	Ⓢ Nm	Item-No grey	Item-No black
PG 9	2 – 5	8	21	15/19	1.5	1.591.0900.15	1.591.0901.15
PG 9	3 – 6.5	8	21	15/19	1.5	1.591.0900.14	1.591.0901.14
PG 11	2 – 6	8	22	19/22	2	1.591.1100.15	1.591.1101.15
PG 11	4 – 8	8	22	19/22	2	1.591.1100.14	1.591.1101.14
PG 13.5	3 – 7	9	25	22/24	2.5	1.591.1300.15	1.591.1301.15
PG 13.5	5 – 10	9	25	22/24	3	1.591.1300.14	1.591.1301.14
PG 16	5 – 9	10	27	24/27	3	1.591.1600.15	1.591.1601.15
PG 16	6 – 12	10	27	24/27	4.5	1.591.1600.14	1.591.1601.14
PG 21	7 – 12	11	28	27/33	3.5	1.591.2100.15	1.591.2101.15
PG 21	10 – 14	11	28	27/33	4.5	1.591.2100.14	1.591.2101.14

