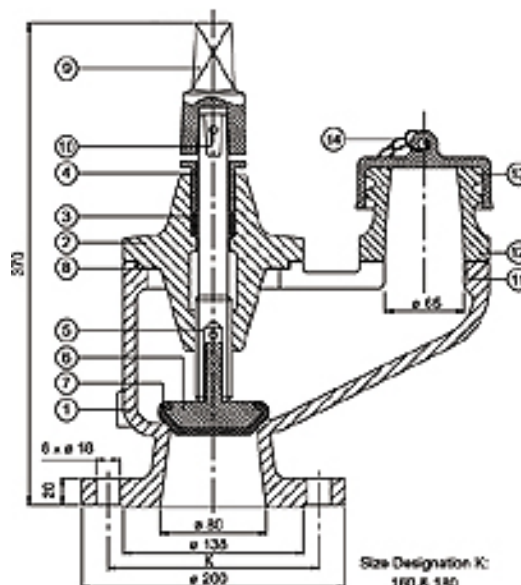




CAST IRON HYDRANTS (Screw down Operation)

This kind of fire hydrant is installed and protected underground. The valve can act like a check valve by rising the stem. In this way the valve is opened by water pressure and closed by disk weight. Then the function of disk is related to back pressure.

Materials				
NO.	Part Name	Material Group	Code Number	Material Standards
1	Body	Gray Cast Iron	GG 25	DIN 1691 or ISO 185
2	Stuffing Box	Gray Cast Iron	GG 25	DIN 1691 or ISO 185
3	Packing	Flexible Graphite		
4	Gland	Leaded Brass	-	JIS 3250-C 3604 BE
5	Stem	Stainless Steel	X 20 Cr 13	DIN 17440
6	Disk	Ductile Cast Iron	GGG 50	DIN 1693
7	Disk Sealing Rubber	Nitrile Rubber		
8	Stuffing Box Casket	-	NBR	DIN 53538 or ISO 4658
9	Wrench Coupling	Ductile Cast Iron	GGG 50	DIN 1693
10	Lucking Screw		CK 15	
11	Outlet Coupling	Leaded Brass	-	JIS 3250-C 3604 BE
12	Gasket			DIN 3754
13	Cap*	Gray Cast Iron	GG 25	DIN 1691 or ISO 185
14	Chain			

* Moulding Plastic as Required

Working pressure: 16 bar

Body test pressure: 25 bar

Minimum Flow of 120 lit/sec at 1.7 bar pressure