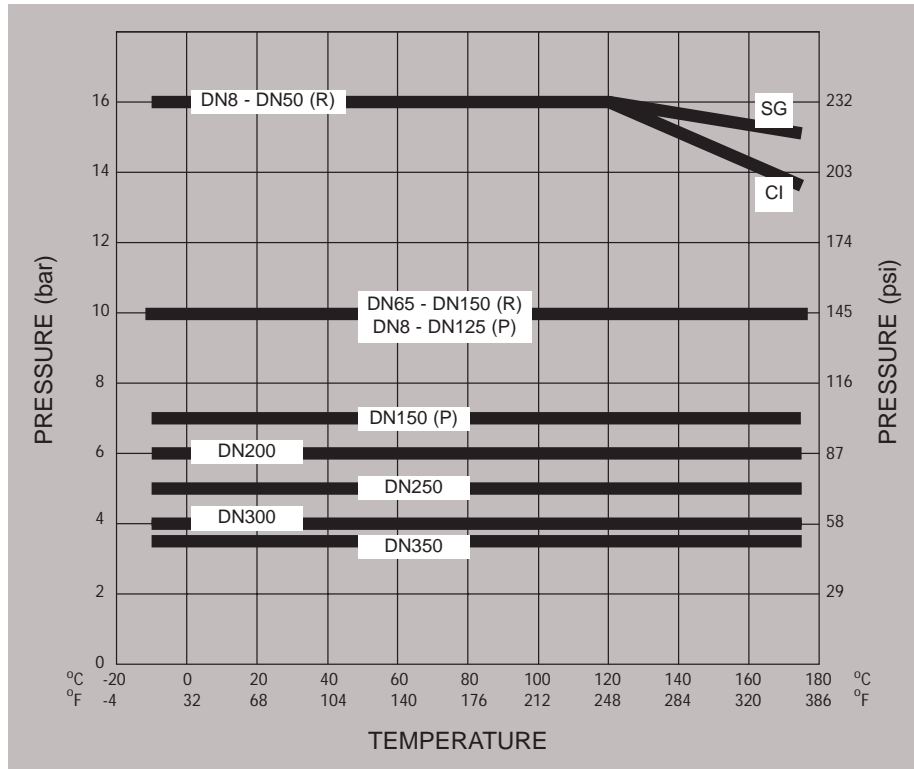
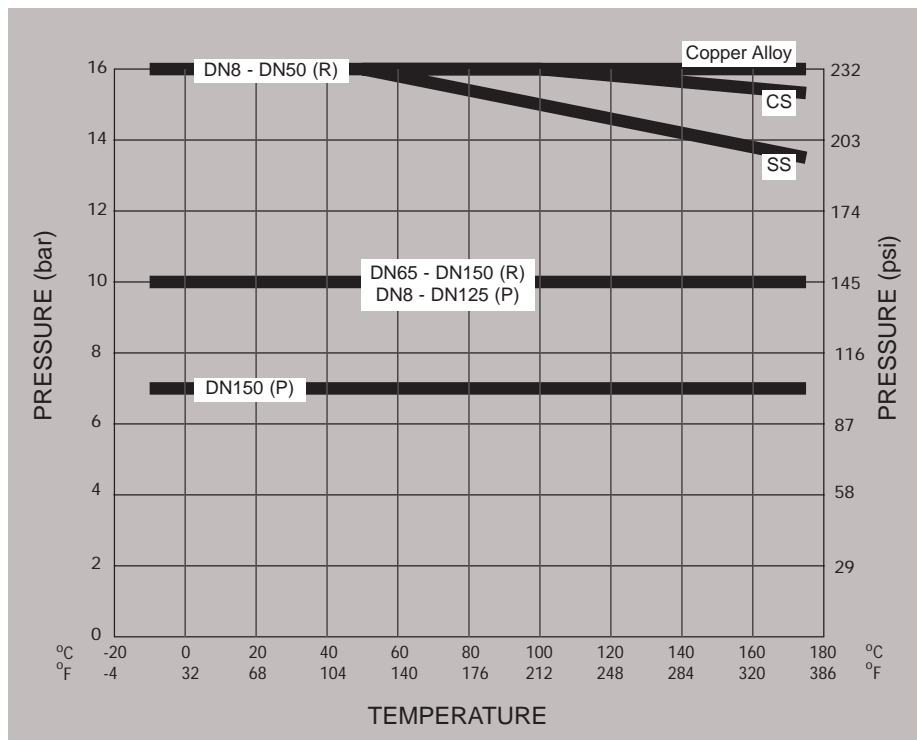


#### VALVE BODY TEMPERATURE/PRESSURE RELATIONSHIP CAST IRON & S.G. IRON



#### CARBON STEEL, STAINLESS STEEL & COPPER ALLOY



**Note**  
In certain applications the following temperature ratings apply:

SG = -20°C  
SS = -30°C  
GM = -30°C

Graph applies to Valve Body. For whole valve performance (manual bonnets) refer to IDV/015/01/04.99. For actuated valves refer to appropriate performance graphs.  
P = PTFE R = Rubber

IDV005/01/02.03

### DIAPHRAGM TEMPERATURE TYPE A (°C)

-5°	214/226	175°
-20°	214/425	160°
-20°	214K425	100°
-20°	214/300	150°
-50°	Q	100°
-20°	C & CV	100°
-30°	HT	100°
-5°	226	150°
-10°	237 & 286	100°
-40°	300 & 300V	130°
-40°	425 & 425V	130°

### BODY TEMPERATURE LIMIT TYPE A (°C)

-10°	HARD RUBBER	85°
-10°	POLYPROPYLENE	85°
-10°	BUTYL RUBBER	110°
-10°	ETHYLENE TETRAFLUOROETHYLENE (ETFE)	150°
-10°	CAST IRON: UNLINED, GLASS LINED & PTFE LINED	175°
-10°	SG IRON: UNLINED AND PFA LINED	175°
-30°	OTHER METALS: CARBON STEEL, ST. STEEL, COPPER ALLOYS	175°

Temperature bands for diaphragms are shown as a guide only. Many aspects of service conditions will determine the highest working temperature.