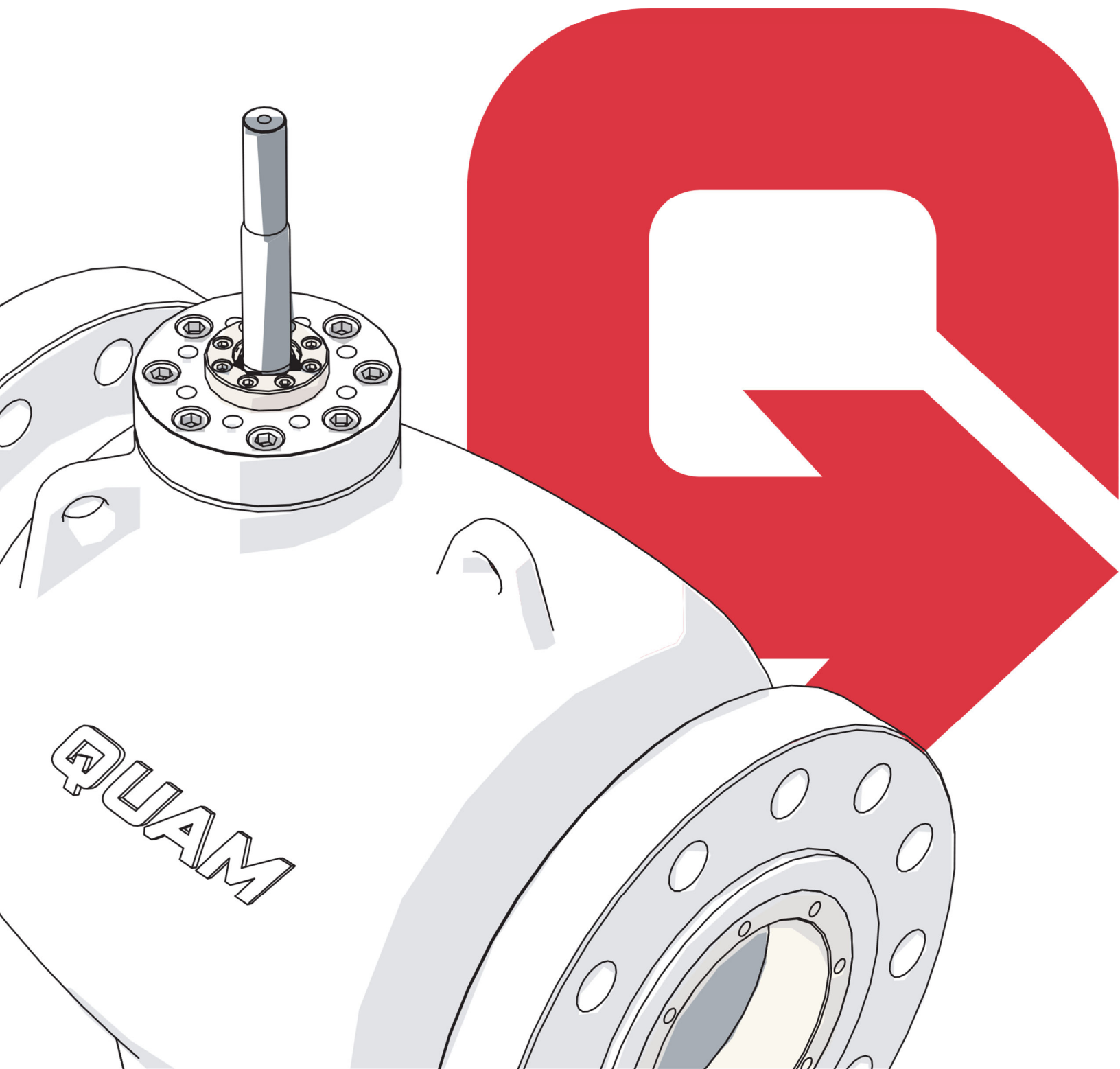




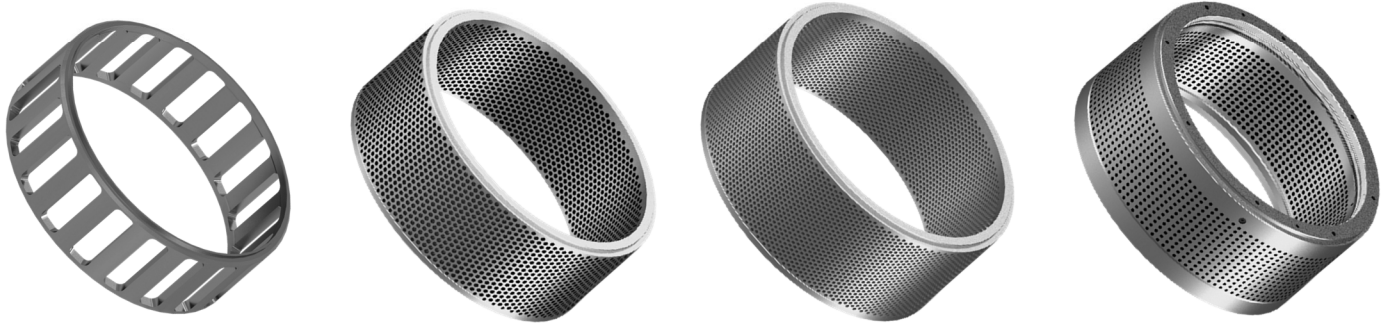


SPECIFICATIONS

SPECIFICATION	VALUE
SIZE RANGE	6 IN - 24 IN
END CONNECTIONS	RFFE, RTJ
BODY TYPE	SINGLE PIECE BODY SIDE ENTRY TRIM
FLOW TYPE	AXIAL FLOW W BALANCED PLUG
RELATIVE CAPACITY	HIGH CAPACITY
MAX RANGE-ABILITY	100:1
SHUTOFF CLASS	UP TO CLASS VI
DESIGN STANDARD	ASME B16.5 & B16.34, API 6FA / PED COMPLIANT
FACE-FACE DIMENSIONS	ASME B16.10 (INTERCHANGEABLE WITH VRG PRCV)
FLANGE DIMENSIONS	ASME B16.34
CERTIFICATION	PED / ATEX / CE OPTIONAL
ANSI RANGE	150 – 2500 ANSI
END CONNECTIONS	RFFE (STANDARD), RTJ
TRIM TYPE	ARRAY OF NOISE ATTENUATION OR ANTI-CAVITATION – SEE TABLE X.0
MAX CONTROL ΔP	1440 PSID
MAX SHUTOFF ΔP	FULL ANSI ΔP
FLOW PROFILE CURVE	EQUAL PERCENTAGE, LINEAR
SEATS	1X DOWNSTREAM SOFT SEATS (METAL-METAL SEAT OPTIONAL)

FACE TO FACE DIMENSIONS

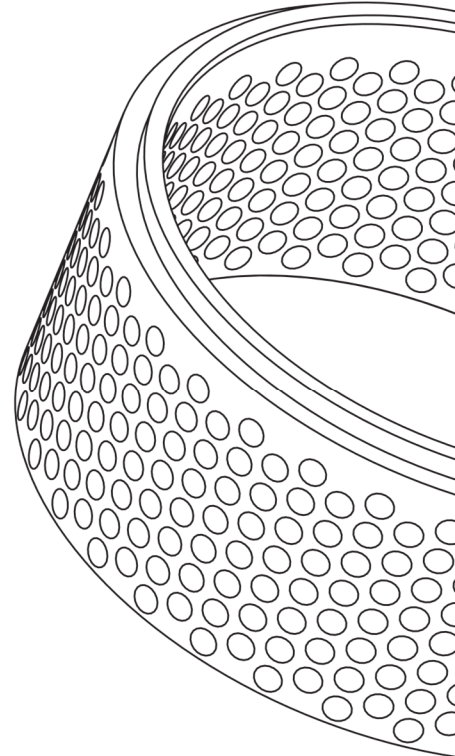
Size	150 ANSI		300 ANSI		600 ANSI		900 ANSI (in)		1500 ANSI (in)	
(in)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
6	15.5	394	15.875	403	22	559	24	610	28	711
8	18	457	19.75	502	26	660	29	737	32.75	832
10	21	533	20.375	518	31	787	33	838	39	991
12	24	610	25.5	648	33	838	38	965	44.5	1130
16	30	762	33	838	39	991	44.5	1130	54.5	1384
20	36	914	39	991	47	1194	52	1321	65.5	1664
24	42	1067	45	1143	55	1397	61	1549	80.5	2045

TRIM CAGES


Q0	Q1	Q2	Q3
MAX CAPACITY	HIGH CAPACITY	MODERATE CAPACITY	REDUCED CAPACITY
STANDARD FLOW TRIM	STANDARD NOISE ATTENUATION TRIM	ENHANCED NOISE ATTENUATION TRIM	ULTRA NOISE ATTENUATION TRIM
MODIFIED EQUAL %	MODIFIED EQUAL %	MODIFIED EQUAL %	MODIFIED EQUAL %

MAX CV TABLE 600 ANSI

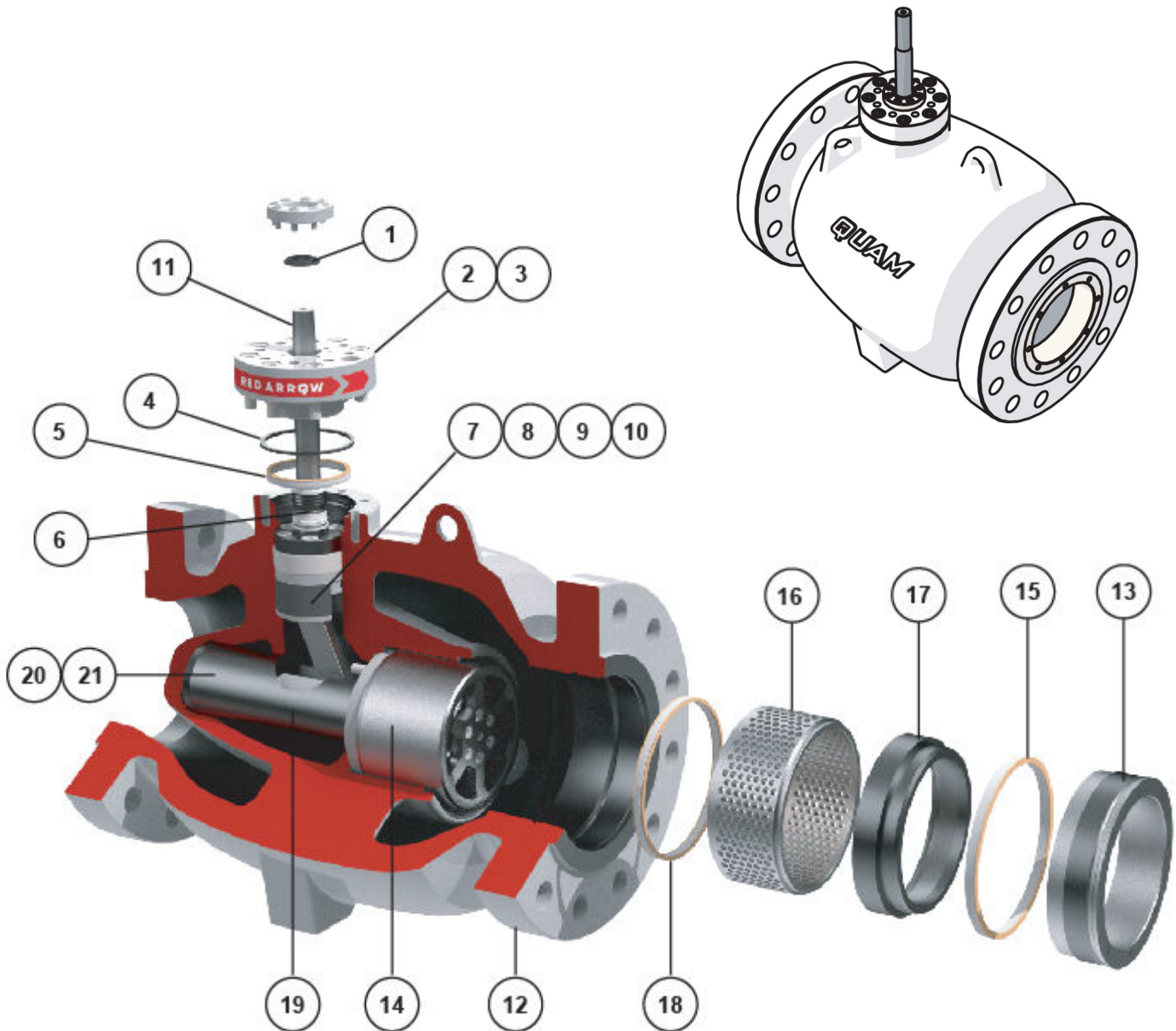
Size (IN)	Q0	Q1	Q2	Q3
6	860	745	680	240
8	1530	1270	1105	390
10	1970	1640	1600	570
12	2860	2350	2200	800
16	4720	3645	3420	1270
20	7190	5540	5300	1980
24	9470	7,560	7,170	2670



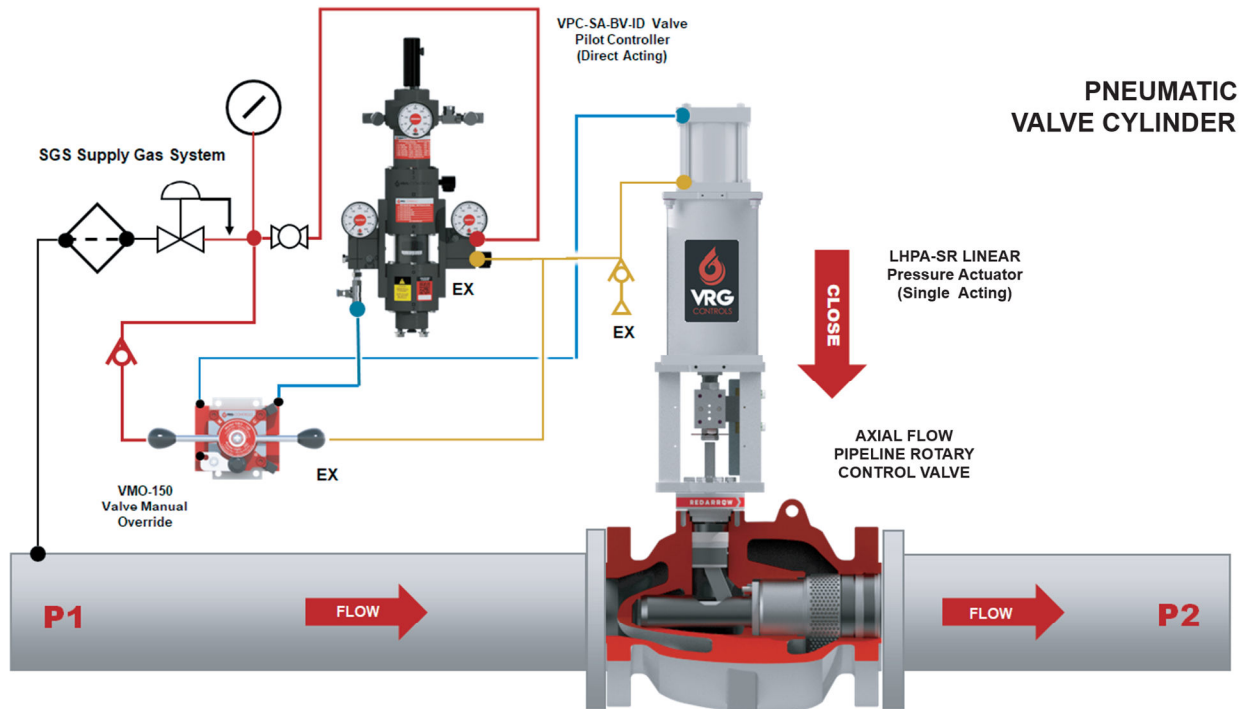
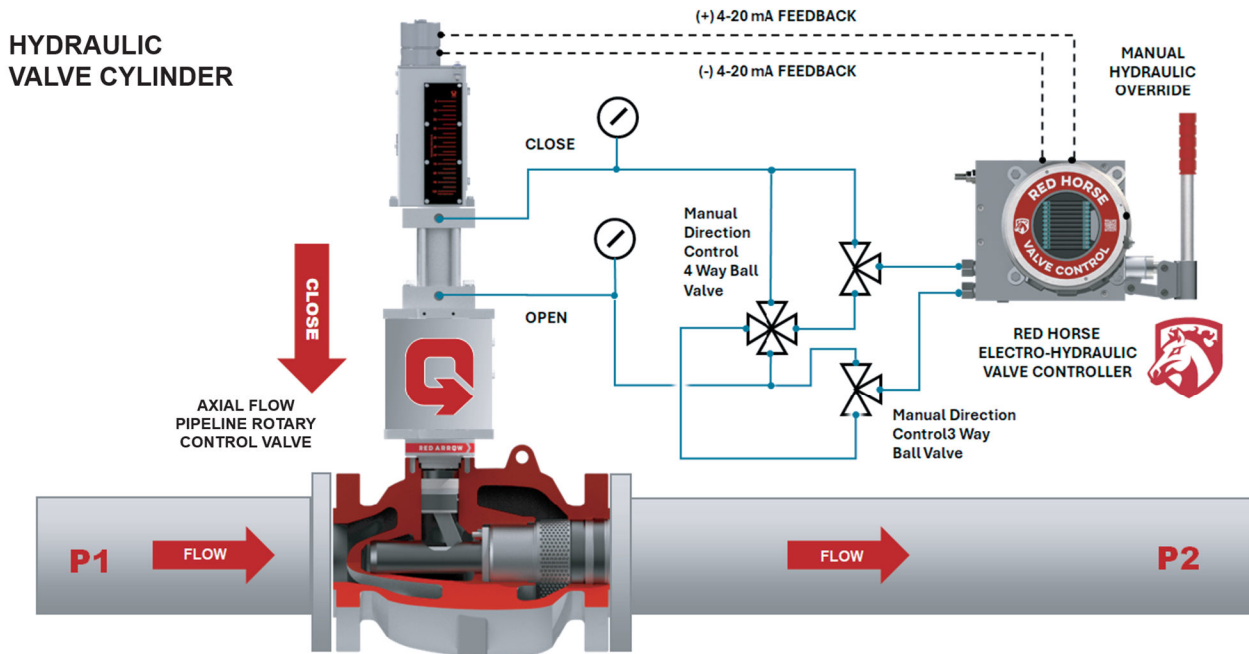
PARTS / MATERIALS OF CONSTRUCTION

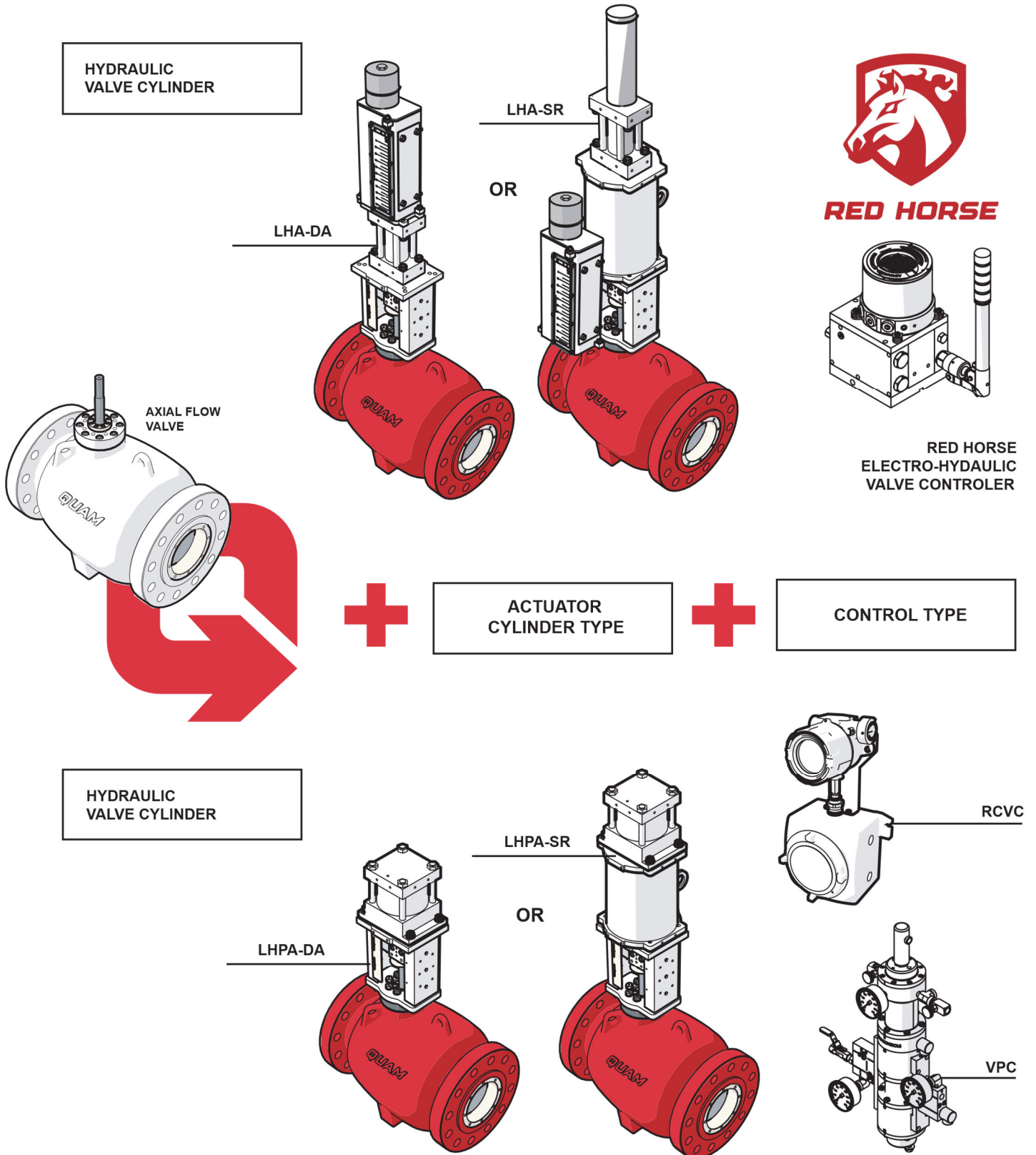
Item	Description	Material Option B	Material Option D
--	--	STANDARD - NACE COMPLIANT -46C LOW	AGGRESSIVE MEDIA
--	BODY MATERIAL	ASTM A352 LCC	SDSS / DSS
--	INTERNAL PARTS	INTERNAL PARTS STAINLESS STEEL	DUPLEX STAINLESS STEEL
1	SECONDARY SEAL 1	EXPANDED GRAPHITE	EXPANDED GRAPHITE
2	BOLTS	ASTM A320 L7 ZINC. PLTD	ASTM A193 - B7
3	VALVE BONNET	ASTM A350-LF2	ASTM A350 - LCC
4	SECONDARY SEAL 2	EXPANDED GRAPHITE	EXPANDED GRAPHITE
5	SEAL	PTFE + ELGILOY + PEEK	PTFE + ELGILOY + PEEK
6	STEM PACKING	PTFE + ELGILOY + PEEK	PTFE + ELGILOY + PEEK
7	CRANK ARM MECHANISM	ASTM A276 TP-420 / ASTM A564-HSM 630	ASTM A182 F55 / INCONEL 718
8	BUSHING 1	TF-316	ASTM A276 TP-316L + FIBERGLASS
9	BUSHING 2	TF-316	ASTM A276 TP-316L + FIBERGLASS
10	PIN	AISI 316	INCONEL 718
11	VALVE STEM	AISI 630 - 17.4 PH	INCONEL 718
12	VALVE BODY	ASTM A352 - LCC	ASTM A352 - LCC
13	NUT	AISI 410	ASTM A185 F51
14	PLUG	AISI 630 - 17.4 PH	AISI 630 - 17.4 PH
15	SEAL	PTFE + ELGILOY + PEEK	PTFE + ELGILOY + PEEK
16	CAGE	AISI 630 - 17.4 PH	ASTM A182 F55 + CR OVERLAY
17	VALVE SEAT	AISI 410	AISI 410
18	SEAL	PTFE + ELGILOY + PEEK	PTFE + ELGILOY + PEEK
19	MECHANISM CASE	ASTM A352 - LCC	ASTM A182 F55
20	BUSHING	TF-316	ASTM A276 TP-316L + FIBERGLASS
21	MECHANISM GUIDE	ASTM A276 TP-410	ASTM A182 F51

PARTS / MATERIALS OF CONSTRUCTION



APPLICATION SCHEMATICS







WE DELIVER HIGH-QUALITY, ZERO-EMISSIONS INSTRUMENTATION, COMBINING ENVIRONMENTAL RESPONSIBILITY WITH UNMATCHED EXPERTISE IN CONTROL SOLUTIONS AND NATURAL GAS MEASUREMENT AND REGULATION.

ENGINEERED CONTROL SOLUTIONS FEATURING QUAM VALVE TECHNOLOGY

