



TECHNICAL CATALOGUE



QV-SP SERIES

SLURRY PUMP

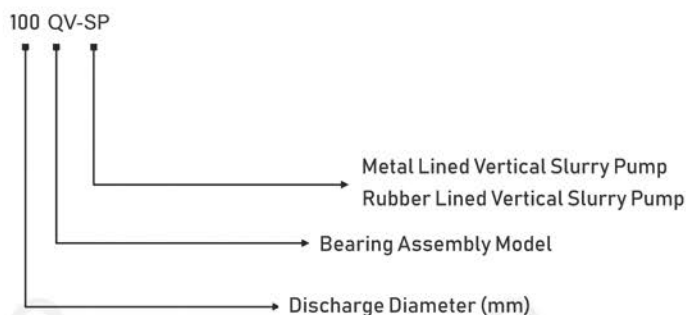
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Vertical Slurry Pump

Pump heavy duty sump pump is designed for applications requiring greater reliability and durability. The bearing assembly allows the pump to operate in the "snore" condition without damage to the bearings. It is designed for handling abrasive slurries and corrosive fluids by using either elastomer or alloy lined wet ends components. The pump is suitable for mining, chemical treatment, waste water treatment, gravel and general process application.

Pump Designation



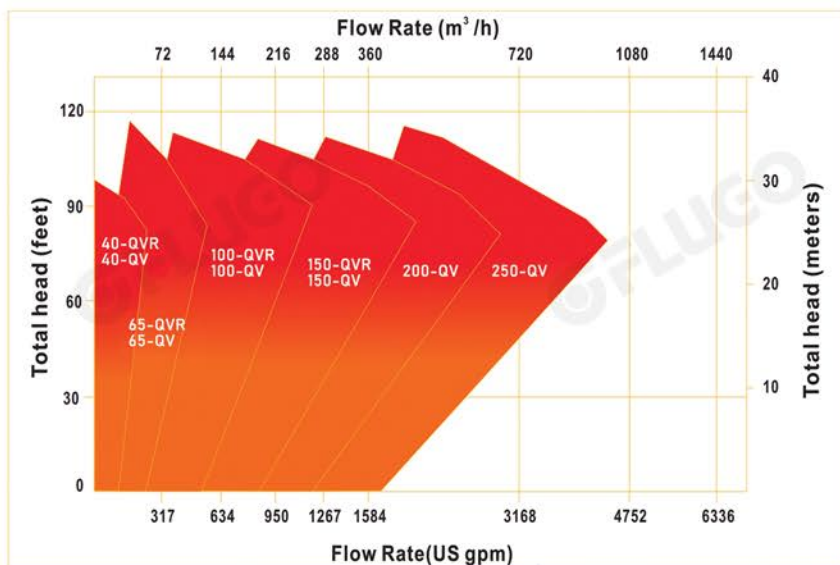
Pump Quick Selection Chart

Pump Range

Discharge Size : 1.57" to 9.84"

Capacity : 17 to 1000 m³/h

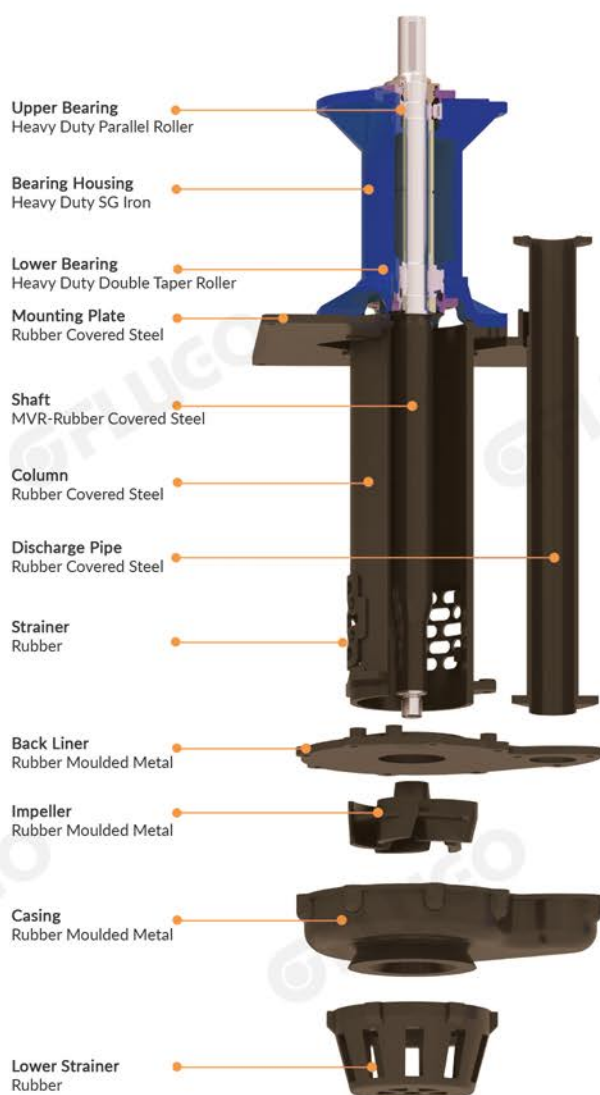
Head : 4 to 40 m



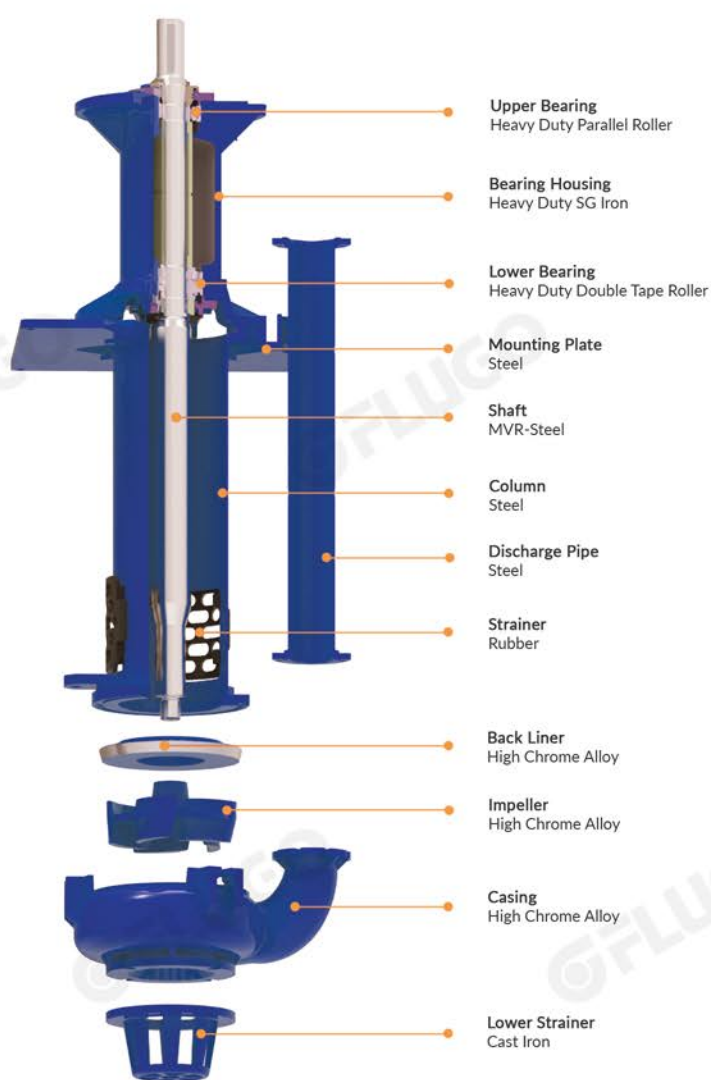
Typical Application

- Mill Discharge
- Coarse Sand
- Tailings
- Heavy Media
- Mineral Concentration
- Chemical Processing
- Effluent Handling
- Waste Water
- Coal Washing
- FGD





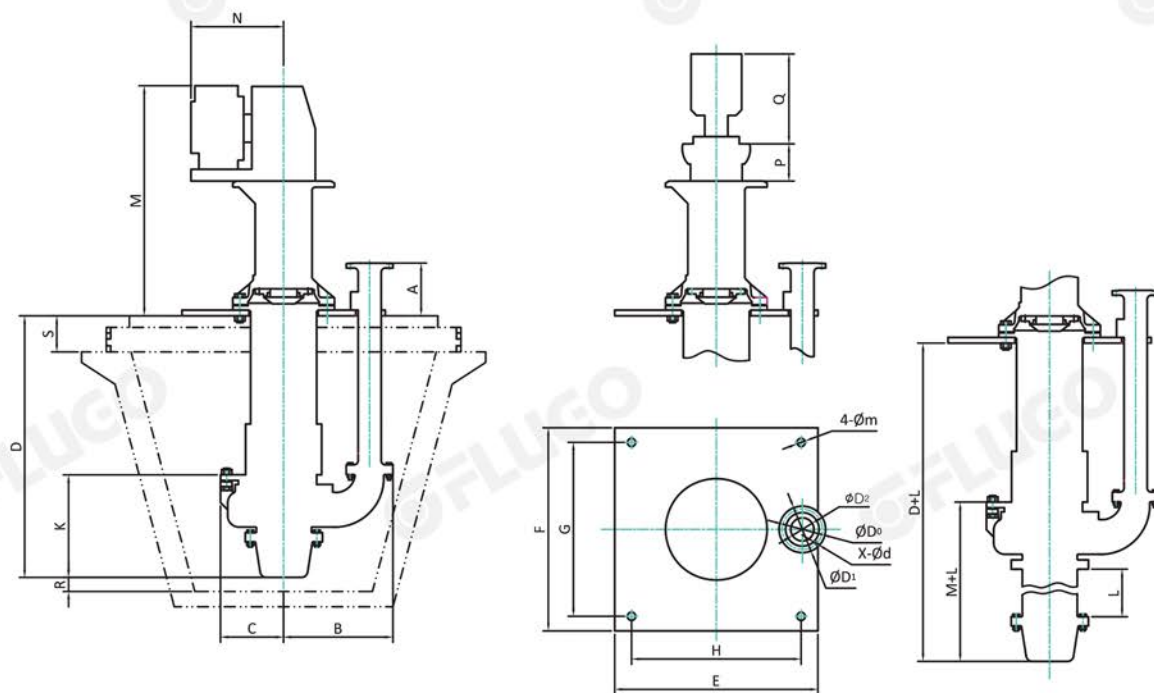
Type QVR
Rubber lined pump for
corrosive/abrasive duty



Type QV
Metal lined pump for
abrasive duty

Pump Features

- Wide range of hard metal or rubber wet parts to ensure longer service life
- Double suction semi-open impeller, effectively reduce the axial load
- No submerged bearing avoids the need for gland or bearing flushing water
- Suction pipe or agitator available, which can be used for pumping the high density slurries under the pit
- QVR models feature full rubber covering for corrosion resistance
- Can be run in insufficient suction duties
- The screened inlets and large impeller passages reduce the risk of blockages



Pump Size	A	B	C	D	E	F	G	H	J	Φn	K	Key Size	M	N	P	Q	Weight (Kg)	S	Discharge Flange Size			
													Note : Dimension change with motor size						ΦD1	ΦD2	ΦD0	X-Φd
40PV-QV	137	285	154	900*	500	500	450	450	205	18	174	12x8	1113	675	248	629	285	280	127	40	98	4-Φ16
40PV-QVR	140	265	175	1200	500	500	450	450	205	18	174	12x8	1113	675	248	629	250	280	127	40	98	4-Φ16
65QV-QV	224	374	234	900	680	680	620	620	285	19	265	14x9	1390	794	290	681	432	350	178	65	140	4-Φ19
65QV-QVR	224	374	234	1200*	680	680	620	620	285	19	265	14x9	1390	794	290	681	432	350	178	65	140	4-Φ19
65QV-QVR	230	380	260	1500	680	680	620	620	285	19	265	14x9	1396	794	290	681	381	350	178	65	140	4-Φ19
100RV-QV	261	435	311	1200	1000	870	800	929	400	22	393	22x14	1803	1020	416	960	867	350	229	104	191	8-Φ19
100RV-QV	261	435	311	1500*	1000	870	800	929	400	22	393	22x14	1803	1020	416	960	867	350	229	104	191	8-Φ19
100RV-QV	261	435	311	1800	1000	870	800	929	400	22	393	22x14	1803	1020	416	960	867	350	229	104	191	8-Φ19
100RV-QV	261	435	311	2000	1000	870	800	929	400	22	393	22x14	1803	1020	416	960	867	350	229	104	191	8-Φ19
100RV-QV	261	435	311	2400	1000	870	800	929	400	22	393	22x14	1803	1020	416	960	867	350	229	104	191	8-Φ19
100RV-QVR	266	535	332	1200	1000	870	800	929	400	22	393	22x14	1809	1020	416	960	743	350	229	104	191	8-Φ19
100RV-QVR	266	535	332	1500*	1000	870	800	929	400	22	393	22x14	1809	1020	416	960	743	350	229	104	191	8-Φ19
100RV-QVR	266	535	332	1800	1000	870	800	929	400	22	393	22x14	1809	1020	416	960	743	350	229	104	191	8-Φ19
150SV-QV	395	670	400	1500	1100	1100	1030	1030	500	28	475	28x16	2186	1200	476	1011	1737	350	280	150	241	8-Φ22
150SV-QV	395	670	400	1800*	1100	1100	1030	1030	500	28	475	28x16	2186	1200	476	1011	1737	350	280	150	241	8-Φ22
150SV-QVR	395	670	400	2100	1100	1100	1030	1030	500	28	475	28x16	2194	1200	476	1011	1523	350	280	150	241	8-Φ22
200SV-QV	461	805	441	1500	1300	1200	1100	1200	600	28	550	28x16	2191	1300	476	1011	3090	350	343	200	298	8-Φ22
200SV-QV	461	805	441	1800*	1300	1200	1100	1200	600	28	550	28x16	2191	1300	476	1011	3090	350	343	200	298	8-Φ22
200SV-QV	461	805	441	2100	1300	1200	1100	1200	600	28	550	28x16	2191	1300	476	1011	3090	350	343	200	298	8-Φ22
250TV-QV	494	903	490	1800	1750	1450	1350	1650	700	48	685	28x16	2575	1750	561	1246	4090	400	406	250	362	12-Φ25
250TV-QV	494	903	490	2100*	1750	1450	1350	1650	700	48	685	28x16	2575	1750	561	1246	4090	400	406	250	362	12-Φ25
250TV-QV	494	903	490	1800	2400	1450	1350	1650	700	48	685	28x16	2575	1750	561	1246	4090	400	406	250	362	12-Φ25

Note : All the dimensions are in millimeter (mm)

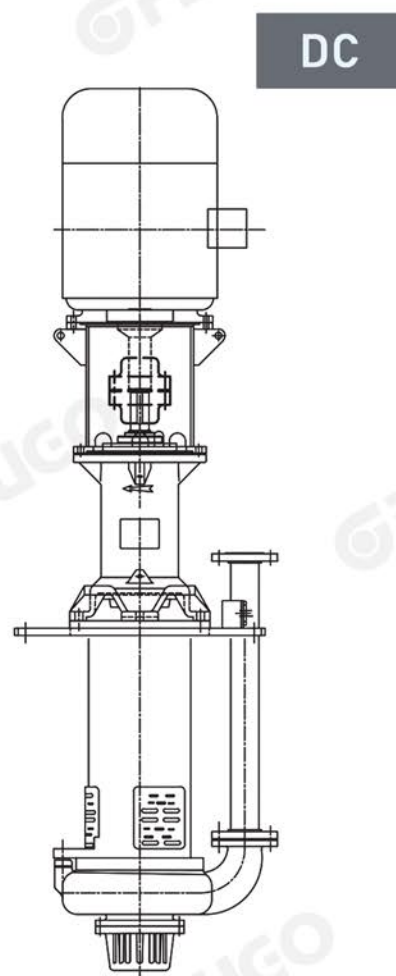
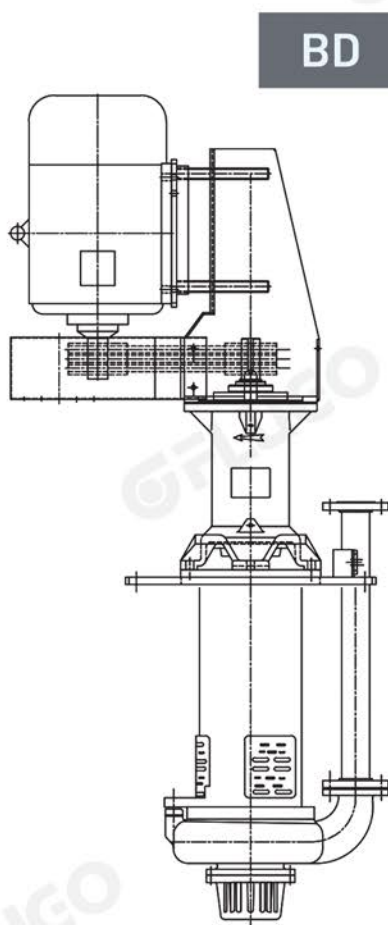
* means the standard pump length.

L size includes : 0, 300, 600, 900, 1200, 1800 mm, when L=0mm, the pump is standard length.

R dimension range : 300 - 500 mm.

Drive Arrangements

- ┌ Type BD is belt drive, the auxiliary equipment includes motor plate, motor support, pulley, belt, belt guard and fasteners.
- ┌ Type DC is motor direct drive, the auxiliary equipment includes motor base, coupling and fasteners.



Authorized Distributor