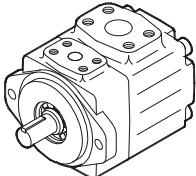
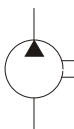
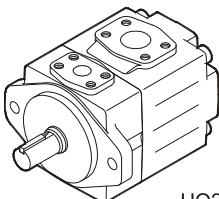
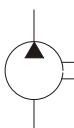
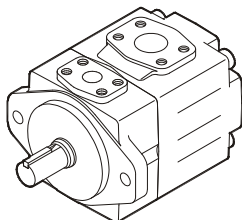
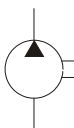
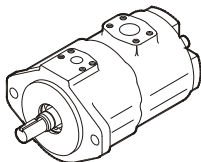
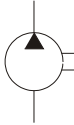
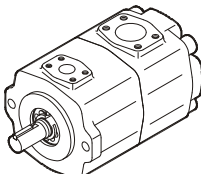
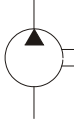
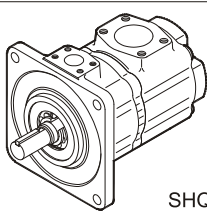
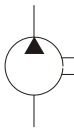




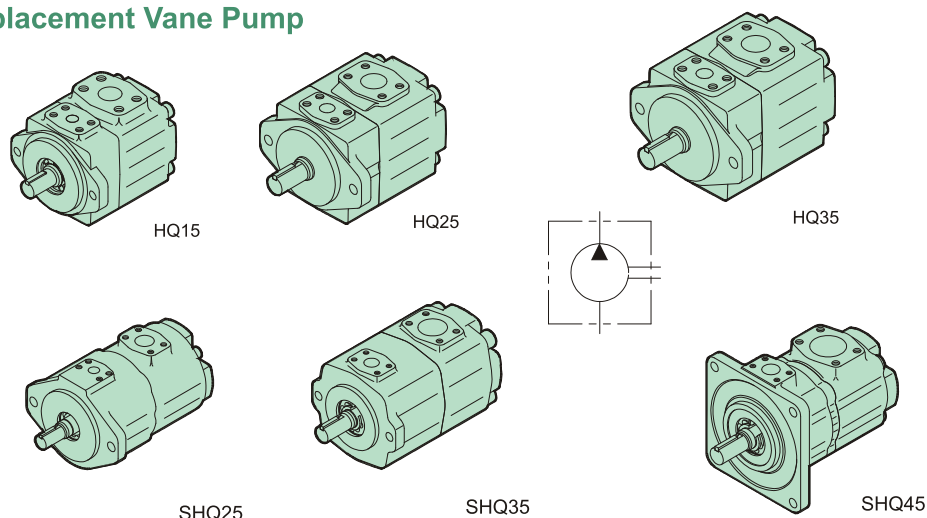
FIXED VANE PUMPS

B

SINGLE VANE PUMPS		Graphic Symbol	Q max. cm ³ /rev (U.S.GPM)	P max. bar(PSI)	Max. r.p.m	Ref. Page	
 HQ15	HQ15-11		11.2(.68)	250(3600)	1800	131	
	HQ15-14		14.3(.87)				
	HQ15-17		17.1(1.04)				
	HQ15-19		19.2(1.17)				
	HQ15-23		23.3(1.42)				
	HQ15-26		26.1(1.60)				
	HQ15-31		31.1(1.91)		1500		
 HQ25	HQ25-26		26.2(1.61)	250(3600)	1800	131	
	HQ25-32		32.1(1.97)				
	HQ25-38		38.2(2.34)				
	HQ25-43		43.2(2.64)				
	HQ25-52		52.3(3.19)				
	HQ25-60		60.2(3.67)	210(3000)	1500		
	HQ25-65		65.3(3.99)				
HQ25-75	75(4.58)	175(2500)					
 HQ35	HQ35-60		60.3(3.68)	210(3000)	1800	132	
	HQ35-66		66.4(4.05)				
	HQ35-76		76.3(4.66)				
	HQ35-82		82.2(5.02)				
	HQ35-88		88.3(5.39)				
	HQ35-94		94.5(5.77)				
	HQ35-108		108.2(6.60)				
	HQ36-116		116.1(7.09)	175(2500)	1500		
HQ35-125	124.6(7.60)						
LOW NOISE TYPE SINGLE VANE PUMPS		Graphic Symbol	Q max. cm ³ /rev (U.S.GPM)	P max. bar(PSI)	Max. r.p.m	Ref. Page	
 SHQ25	SHQ25-18		18.1(1.10)	250(3600)	1800	133	
	SHQ25-22		22.1(1.35)				
	SHQ25-26		26.2(1.61)				
	SHQ25-32		32.1(1.97)				
	SHQ25-38		38.2(2.34)				
	SHQ25-43		43.2(2.64)	210(3000)	1500		
	SHQ25-52		52.3(3.19)				
	SHQ25-60		60.2(3.67)				
	SHQ25-65		65.3(3.99)				
SHQ25-75	75(4.58)	175(2500)					
 SHQ35	SHQ35-60		60.3(3.68)	210(3000)	1800	133	
	SHQ35-66		66.4(4.05)				
	SHQ35-76		76.3(4.66)				
	SHQ35-82		82.2(5.02)				
	SHQ35-88		88.3(5.39)				
	SHQ35-94		94.5(5.77)				
	SHQ35-108		108.2(6.60)				
	SHQ36-116		116.1(7.09)	175(2500)	1500		
SHQ35-125	124.6(7.60)						
 SHQ45	SHQ45-136		136(8.30)	175(2500)	1800	134	
	SHQ45-153		153(9.34)				
	SHQ45-184		184(11.23)				
	SHQ45-200		201(12.26)				
	SHQ45-237		237(14.46)	160(2300)	1500		

B

(S)HQ Series Fixed Displacement Vane Pump



(S)HQ Ordering Code - Single Pump

HQ	15	L	R	B	A	-30
Series No.	Normal Displacement c.c/rev	Type of Mounting	Shaft Rotation	Discharge Port Position	Suction Port Position	Design
15,25 35,45	HQ15: 8, 11, 14, 17, 19, 23, 26, 31 (S)HQ25: 18, 22, 26, 32, 38, 43, 47, 52, 60, 65, 75 (S)HQ35: 60, 66, 76, 82, 88, 94, 108,116,125 (S)HQ45: 136,156,189 216,237	L: Foot Mounting F: Flange Mounting	Viewed from Shaft End R: Clockwise L: Counter-Clockwise	Viewed from Shaft End A: Upward (normal) B: Downward R: On Right Hand L: On Left Hand	Viewed from Shaft End A: Upward (normal) B: Downward R: On Right Hand L: On Left Hand	30

- Max Pressure: 245bar
- HQ: Fixed Displacement Vane Pump
- SHQ: Low Noise Type Fixed Displacement Vane Pump



(S)HQ15,25,35,45 Single Pumps - Performance Characteristics

FLOW MODEL		Delivery Flow (lpm) at no-load pressure				Running Speed (rpm)		Max Pressure	Weight (kg)	
		Running Speed (rpm)				Max	Min	bar	Foot Type	Flange Type
		1000	1200	1500	1800					
HQ15	HQ15-06	6.2	7.4	9.3	11.2	1800	1200	210	12.5	10.5
	HQ15-08	8.1	9.7	12.1	14.6	1800	950	210	12.5	10.5
	HQ15-11	11.2	13.4	16.8	20.1	1800	950	245	12.5	10.5
	HQ15-14	14.3	17.1	21.5	25.7	1800	950	245	12.5	10.5
	HQ15-17	17.1	20.5	25.6	30.7	1800	950	245	12.5	10.5
	HQ15-19	19.2	23.0	28.8	34.5	1800	950	245	12.5	10.5
	HQ15-23	23.3	27.9	34.9	41.9	1800	950	245	12.5	10.5
	HQ15-26	26.1	31.3	39.1	46.9	1800	950	245	12.5	10.5
	HQ15-31	31.1	37.3	46.6	-	1500	950	245	12.5	10.5
(S)HQ25	(S)HQ25-18	18.1	21.7	27.2	32.6	1800	950	245	19	14
	(S)HQ25-22	22.1	26.5	33.2	39.8	1800	950	245	19	14
	(S)HQ25-26	26.2	31.4	39.3	47.1	1800	950	245	19	14
	(S)HQ25-32	32.1	38.5	48.1	57.7	1800	950	245	19	14
	(S)HQ25-38	38.2	45.8	57.3	68.7	1800	950	245	19	14
	(S)HQ25-43	43.2	51.8	64.8	77.7	1800	950	245	19	14
	(S)HQ25-47	47.1	56.5	77.0	85.0	1800	950	245	19	14
	(S)HQ25-52	52.3	62.7	78.4	94.1	1800	950	245	19	14
	(S)HQ25-60	60.2	72.7	90.3	108.3	1800	950	210	19	14
	(S)HQ25-65	65.3	78.3	97.9	117.5	1800	950	210	19	14
	(S)HQ25-75	75.0	90.0	112.5	-	1500	950	175	19	14
(S)HQ35	(S)HQ35-60	60.3	72.3	90.4	108.5	1800	900	210	42	34
	(S)HQ35-66	66.4	79.6	99.6	119.5	1800	900	210	42	34
	(S)HQ35-76	76.3	91.5	114.4	137.3	1800	900	210	42	34
	(S)HQ35-82	82.2	98.6	123.3	147.9	1800	900	210	42	34
	(S)HQ35-88	88.3	105.9	132.4	158.9	1800	900	210	42	34
	(S)HQ35-94	94.5	113.4	141.7	170.1	1800	900	210	42	34
	(S)HQ35-108	108.2	129.8	162.3	194.4	1800	900	210	42	34
	(S)HQ35-116	116.1	139.3	174.1	208.9	1800	900	175	42	34
	(S)HQ35-125	124.6	149.5	186.9	-	1500	900	175	42	34
(S)HQ45	(S)HQ45-136	136.8	164.0	204.0	246.0	1800	600	175	50	42
	(S)HQ45-156	156.2	188.0	234.0	280.0	1800	600	175	50	42
	(S)HQ45-189	189.5	227.0	284.0	340.0	1800	600	175	50	42
	(S)HQ45-216	216.0	260.0	324.0	-	1500	600	175	50	42
	(S)HQ45-237	237.0	285.0	355.0	-	1500	600	175	50	42

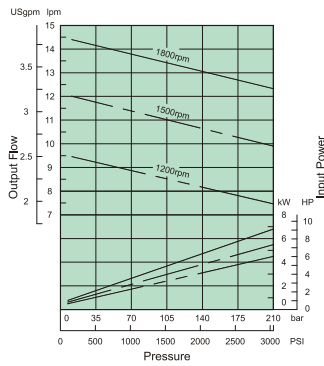
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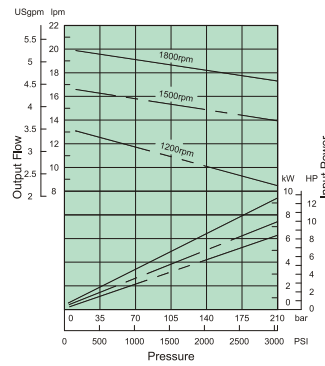
(S)HQ15 TYPICAL PERFORMANCE CHARACTERISTICS

- PRESSURE-FLOW; INPUT POWER
- CONDITIONS:
Hydraulic Fluid: ISO VG46
Temperature: 40 °C (104 °F)

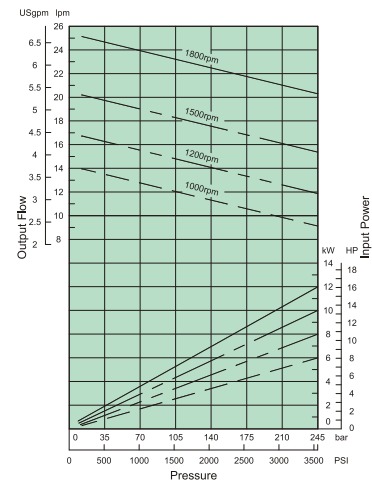
(S)HQ15-8



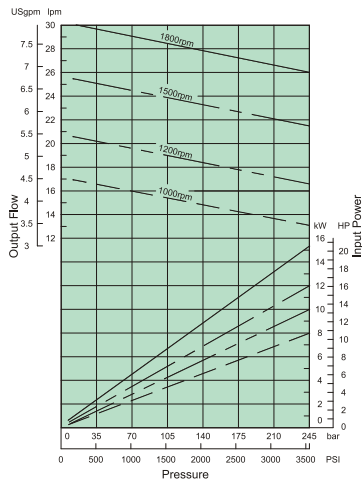
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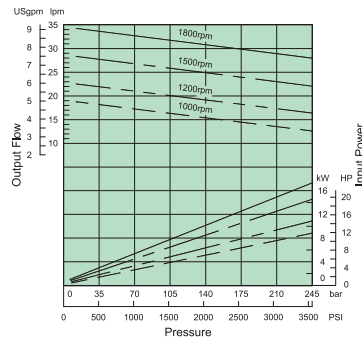
(S)HQ15-14



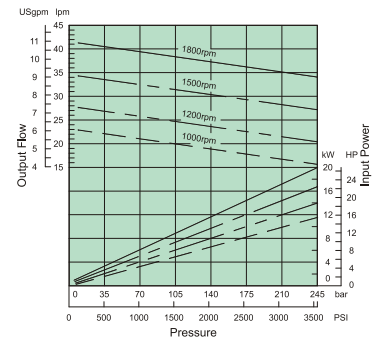
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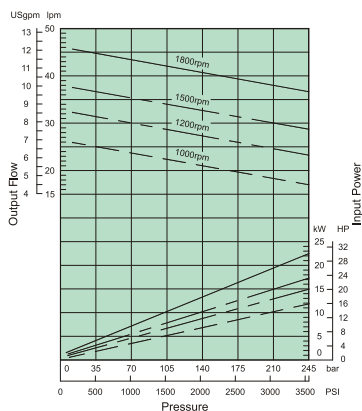
(S)HQ15-19



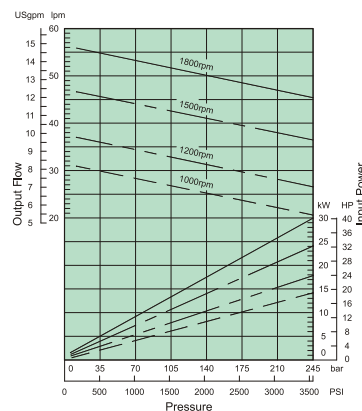
(S)HQ15-23



(S)HQ15-26



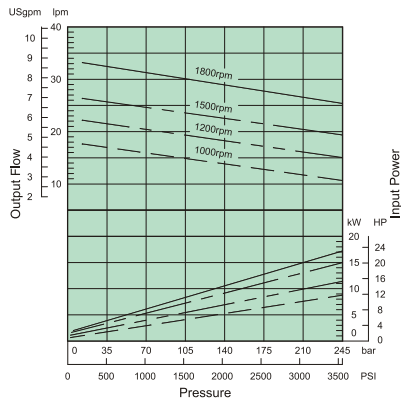
(S)HQ15-31



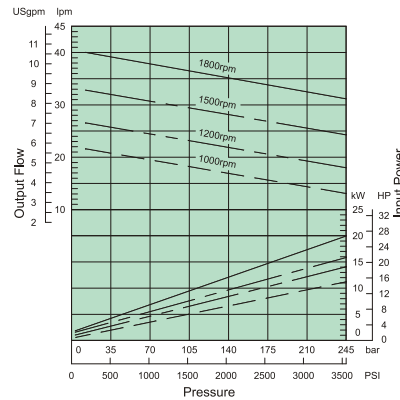
(S)HQ25 TYPICAL PERFORMANCE CHARACTERISTICS

■ PRESSURE-FLOW/INPUT POWER
 ■ CONDITIONS:
 Hydraulic Fluid: ISO VG46
 Temperature: 40°C (104°F)

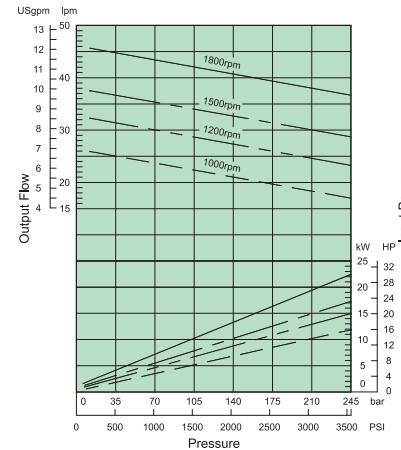
(S)HQ25-18



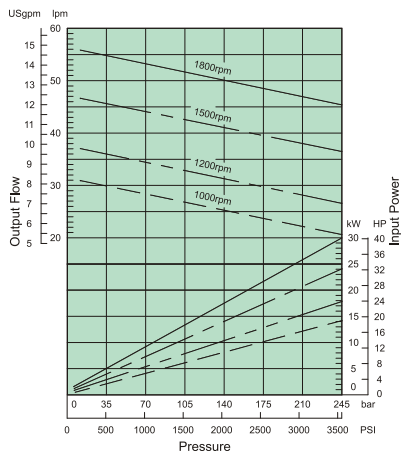
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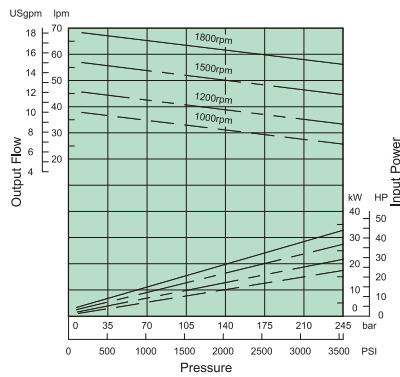
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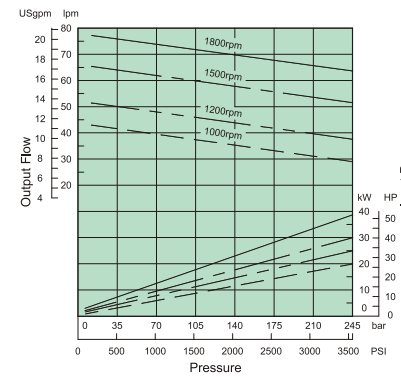
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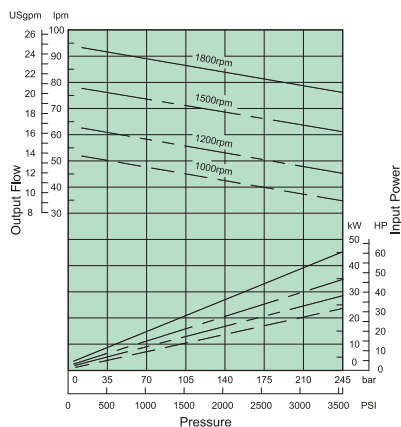
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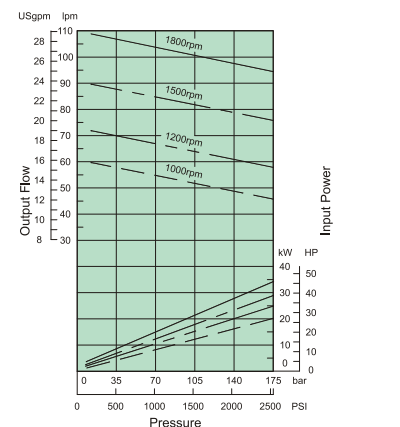
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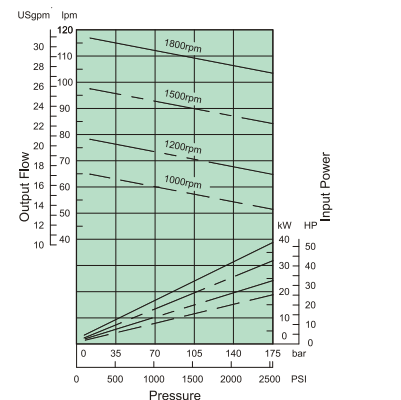
(S)HQ25-52



(S)HQ25-60



(S)HQ25-65

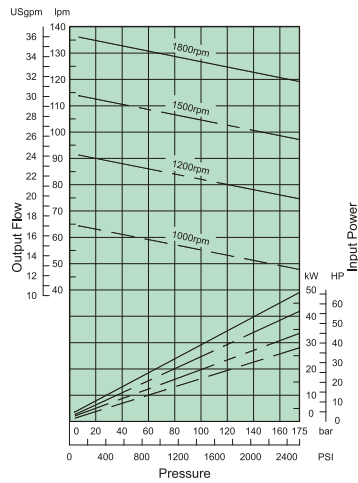




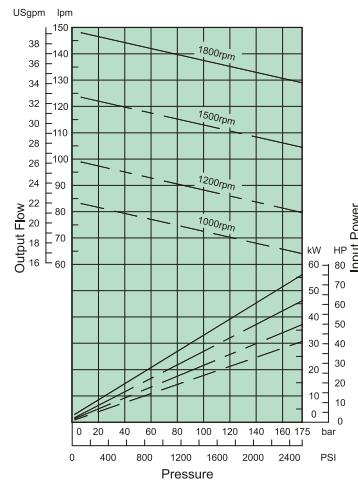
(S)HQ35 TYPICAL PERFORMANCE CHARACTERISTICS

■ PRESSURE-FLOW; INPUT POWER
■ CONDITIONS:
Hydraulic Fluid: ISO VG46
Temperature: 40°C (104°F)

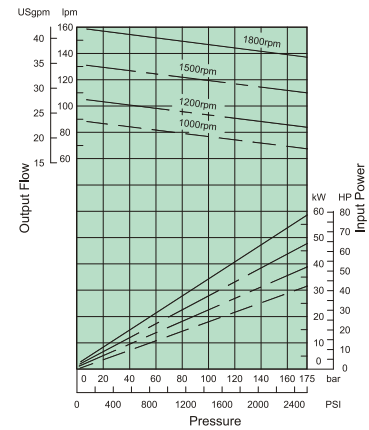
(S)HQ35-76



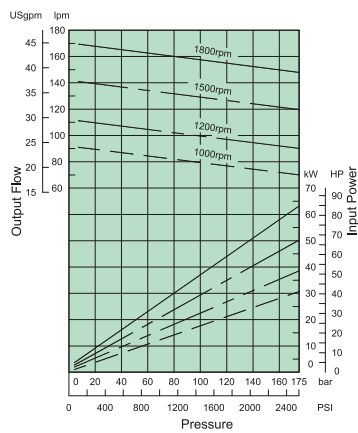
(S)HQ35-82



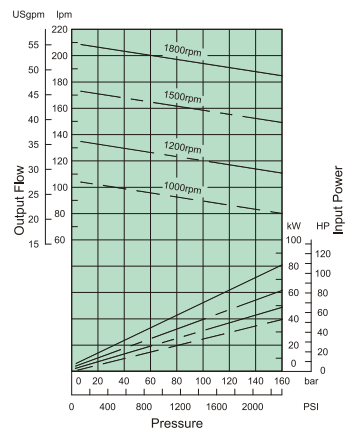
(S)HQ35-88



(S)HQ35-94



(S)HQ35-116



(S)HQ35-125

